

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\  
 Data File : VX003874.D  
 Acq On : 07 Aug 2018 12:06  
 Operator : JC/MD  
 Sample : VX0807WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBS01

Manual Integrations  
 APPROVED

sam  
 8/21/2018 4:31:31 PM

Quant Time: Aug 08 01:34:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 07:45:48 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 365220   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 522635   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 472049   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 264755   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 241949   | 49.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 99.96%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 198129   | 50.04 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 100.08% |          |
| 50) Toluene-d8              | 8.71  | 98   | 788296   | 51.20 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.40% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 277266   | 55.65 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 111.30% |          |

| Target Compounds              | R.T. | QIon | Response | Conc  | Units | Qvalue |
|-------------------------------|------|------|----------|-------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 74963    | 20.25 | ug/l  | 100    |
| 3) Chloromethane              | 1.32 | 50   | 92089    | 18.29 | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 95299    | 18.98 | ug/l  | 98     |
| 5) Bromomethane               | 1.64 | 94   | 60436    | 20.37 | ug/l  | 99     |
| 6) Chloroethane               | 1.72 | 64   | 62211    | 19.36 | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 125928   | 18.99 | ug/l  | 99     |
| 8) Diethyl Ether              | 2.18 | 74   | 54757    | 18.37 | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 78742    | 19.00 | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 88040    | 17.08 | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 105210   | 90.44 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 73798    | 18.83 | ug/l  | 100    |
| 13) Acrolein                  | 2.29 | 56   | 57444    | 91.78 | ug/l  | 99     |
| 14) Allyl chloride            | 2.73 | 41   | 141590   | 18.74 | ug/l  | 99     |
| 15) Acrylonitrile             | 3.15 | 53   | 248268   | 89.44 | ug/l  | 100    |
| 16) Acetone                   | 2.45 | 43   | 264439   | 91.81 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.57 | 76   | 204964   | 18.73 | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 112713   | 17.97 | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 259879   | 18.71 | ug/l  | 98     |
| 20) Methylene Chloride        | 2.85 | 84   | 88746    | 18.40 | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 80839    | 18.16 | ug/l  | 95     |
| 22) Diisopropyl ether         | 3.87 | 45   | 274536   | 19.76 | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1152889  | 99.75 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 155228   | 18.81 | ug/l  | 100    |
| 25) 2-Butanone                | 4.70 | 43   | 393921   | 90.97 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 116005   | 19.50 | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 89889    | 18.62 | ug/l  | 99     |
| 28) Bromochloromethane        | 5.01 | 49   | 70769    | 20.04 | ug/l  | 100    |
| 29) Tetrahydrofuran           | 5.16 | 42   | 200833   | 90.23 | ug/l  | 99     |
| 30) Chloroform                | 5.21 | 83   | 147696   | 19.01 | ug/l  | 97     |
| 31) Cyclohexane               | 5.57 | 56   | 130769   | 18.74 | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 125332   | 19.24 | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.79 | 75   | 112600   | 19.24 | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.85 | 43   | 118650   | 18.43 | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 108721   | 19.51 | ug/l  | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\  
 Data File : VX003874.D  
 Acq On : 07 Aug 2018 12:06  
 Operator : JC/MD  
 Sample : VX0807WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0807WBS01

Manual Integrations  
 APPROVED

sam  
 8/21/2018 4:31:31 PM

Quant Time: Aug 08 01:34:05 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 07:45:48 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 133301   | 19.32  | ug/l   | 100      |
| 40) Benzene                    | 6.14  | 78   | 341945   | 19.45  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 65730    | 18.54  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 115675   | 19.46  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 179926   | 18.57  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 91831    | 19.10  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 87029    | 19.17  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 56283    | 19.10  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 106886   | 19.25  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 92910    | 18.86  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 44062    | 379.74 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 760973   | 94.75  | ug/l   | 100      |
| 52) Toluene                    | 8.79  | 92   | 220078   | 19.82  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 118218   | 18.84  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 131581   | 19.45  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 86470    | 19.05  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 122279   | 18.57  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 148779   | 19.59  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 323095   | 99.79  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 583352   | 97.17  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 83742    | 19.79  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 90486    | 19.91  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 87528    | 18.85  | ug/l   | 94       |
| 65) Chlorobenzene              | 10.14 | 112  | 241397   | 19.65  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 83564    | 19.79  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 402577   | 20.02  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 323242   | 41.14  | ug/l   | 97       |
| 69) o-Xylene                   | 10.70 | 106  | 151013   | 20.36  | ug/l   | 95       |
| 70) Styrene                    | 10.71 | 104  | 253662   | 20.89  | ug/l   | 98       |
| 71) Bromoform                  | 10.86 | 173  | 60276    | 18.77  | ug/l # | 96       |
| 73) Isopropylbenzene           | 11.02 | 105  | 383719   | 19.59  | ug/l   | 97       |
| 74) N-amyl acetate             | 6.46  | 43   | 179926   | 17.67  | ug/l # | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 129735   | 19.33  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 111474m  | 19.06  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 98292    | 18.81  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 450614   | 20.49  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 263919   | 19.68  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 308251   | 19.30  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 34531    | 17.57  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 315544   | 20.09  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 317660   | 20.22  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 342410   | 21.32  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 390983   | 21.09  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 345203   | 20.75  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 187808   | 19.45  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 187783   | 20.12  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 275057   | 18.97  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 49047    | 18.16  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 177799   | 18.57  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 23719    | 17.25  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\  
Data File : VX003874.D  
Acq On : 07 Aug 2018 12:06  
Operator : JC/MD  
Sample : VX0807WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

Manual Integrations  
APPROVED

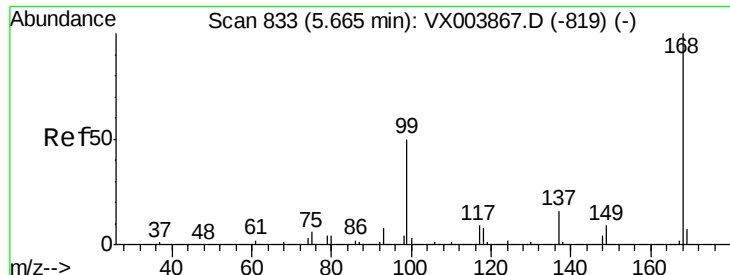
sam  
8/21/2018 4:31:31 PM

Quant Time: Aug 08 01:34:05 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X080618W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 07 07:45:48 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 122285   | 17.76 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 57417    | 19.17 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 359314   | 18.22 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 123456   | 17.97 | ug/l  | 100      |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampled :

VX0807WBS01

Tot Ion:168 Resp: 365220

Ion Ratio Lower Upper

168 100

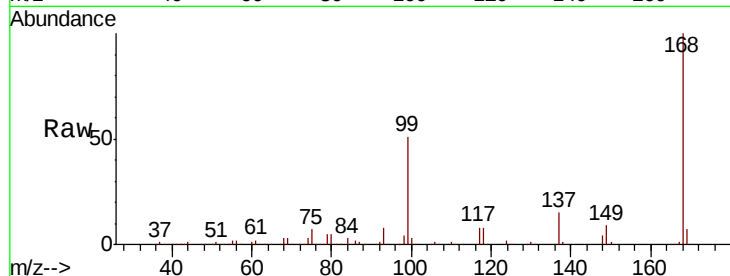
99 50.7 40.1 60.1

Manual Integrations

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sam

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

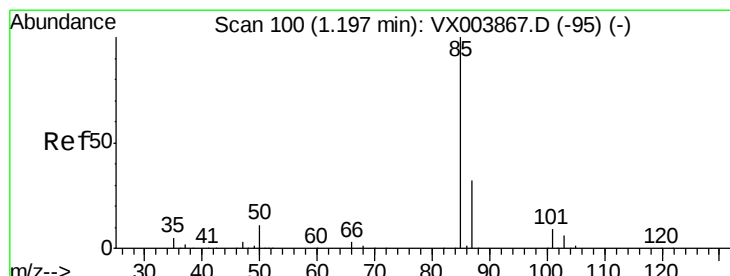
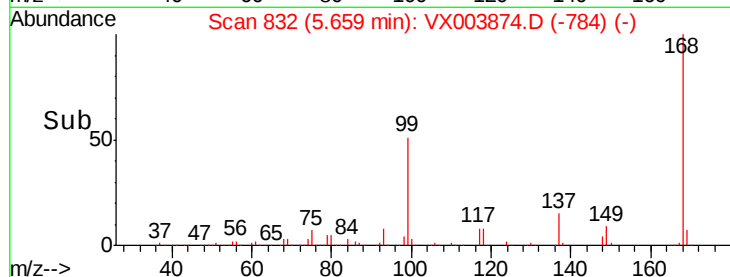
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.25 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003874.D

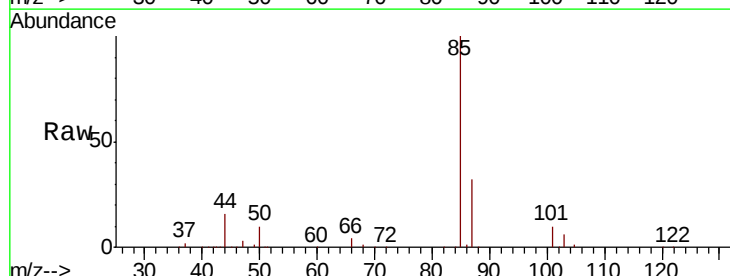
Acq: 07 Aug 2018 12:06

Tgt Ion: 85 Resp: 74963

Ion Ratio Lower Upper

85 100

87 32.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

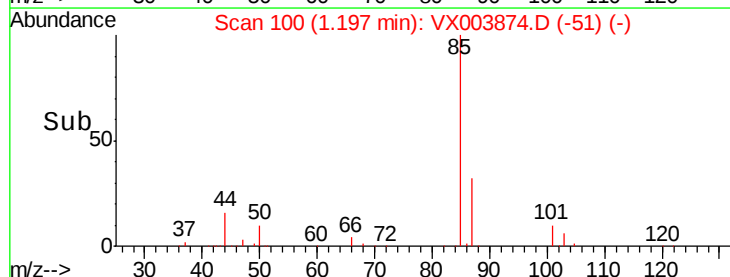
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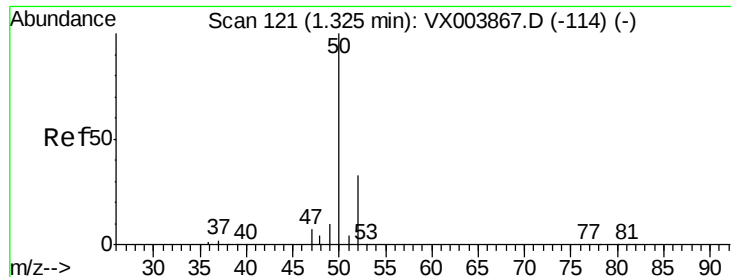
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20000

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Time-->





#3

Chloromethane

Concen: 18.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion: 50 Resp: 92089

Ion Ratio Lower Upper

50 100

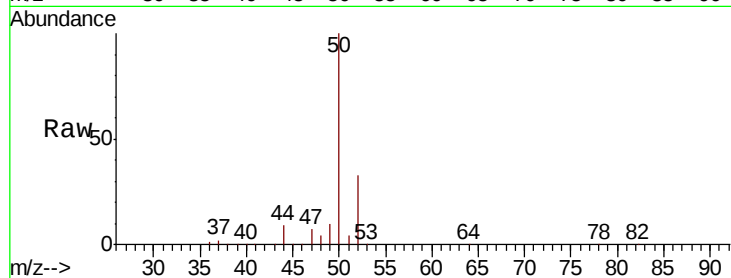
52 32.8 26.6 39.8

Manual Integrations

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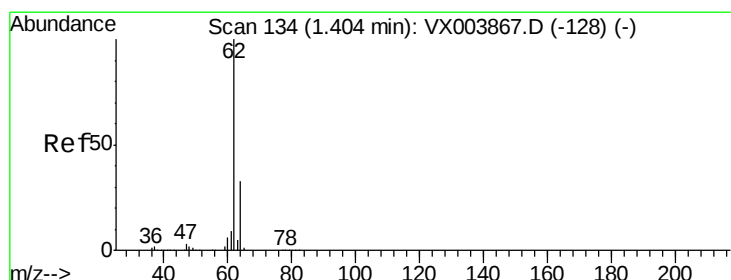
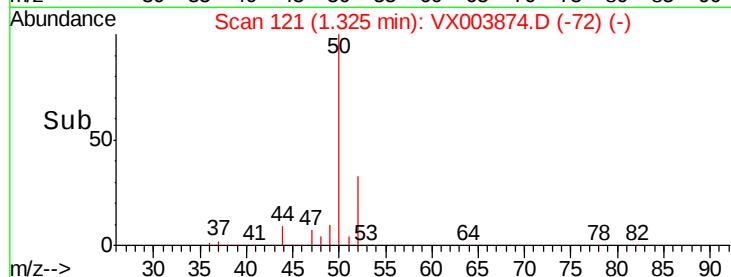
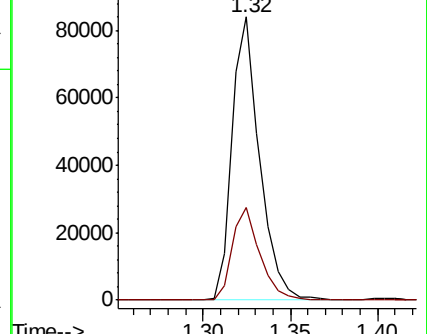
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003874.D

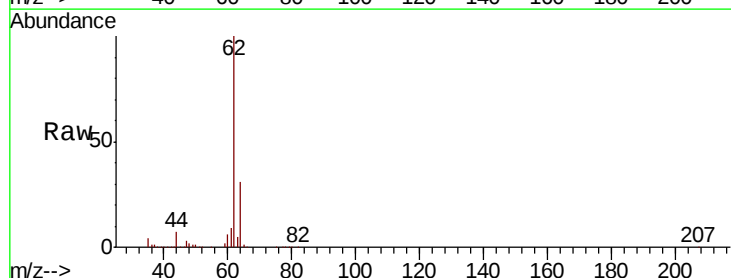
Acq: 07 Aug 2018 12:06

Tgt Ion: 62 Resp: 95299

Ion Ratio Lower Upper

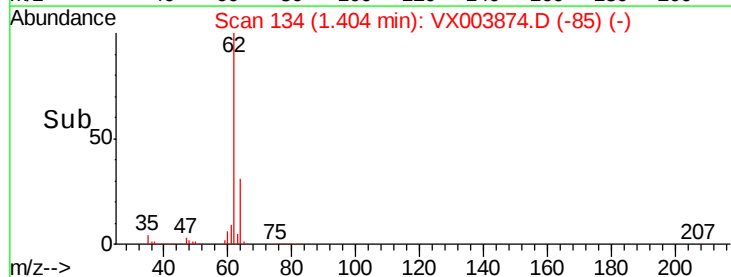
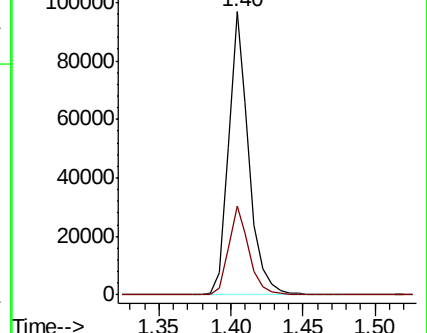
62 100

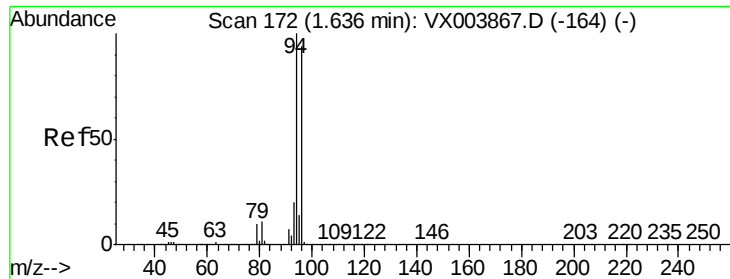
64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion: 94 Resp: 60436

Ion Ratio Lower Upper

94 100

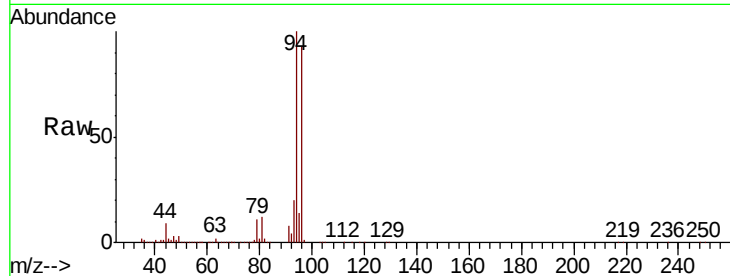
96 93.1 75.2 112.8

Manual Integrations

APPROVED

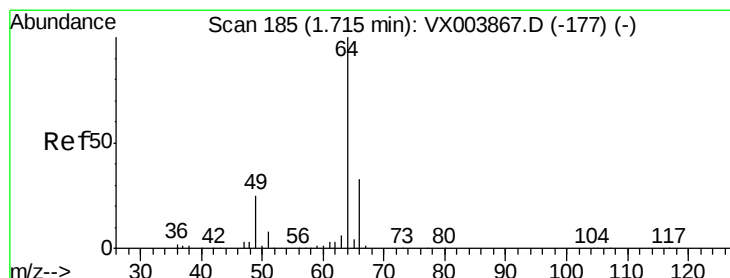
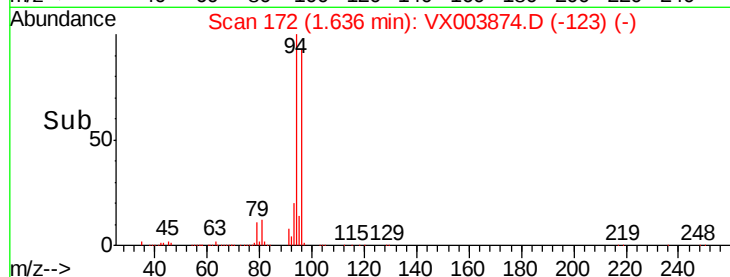
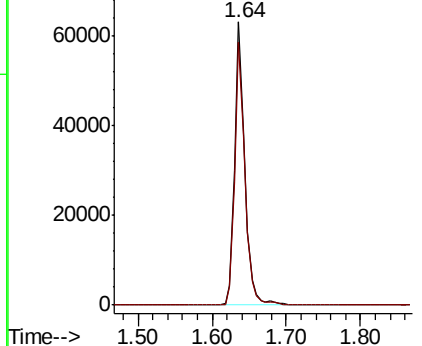
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.36 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003874.D

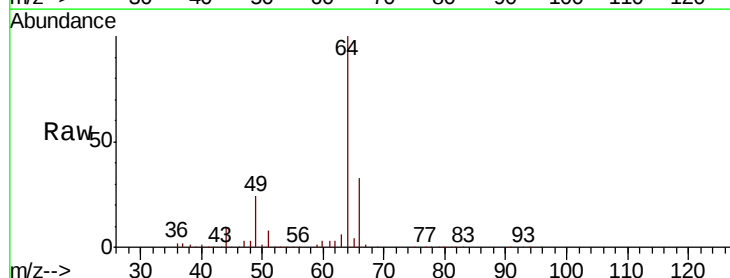
Acq: 07 Aug 2018 12:06

Tgt Ion: 64 Resp: 62211

Ion Ratio Lower Upper

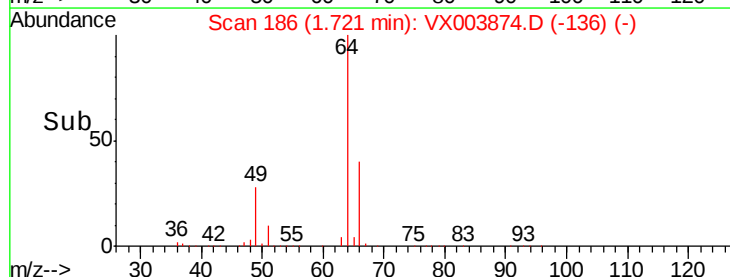
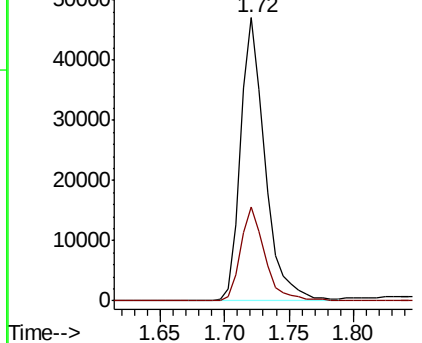
64 100

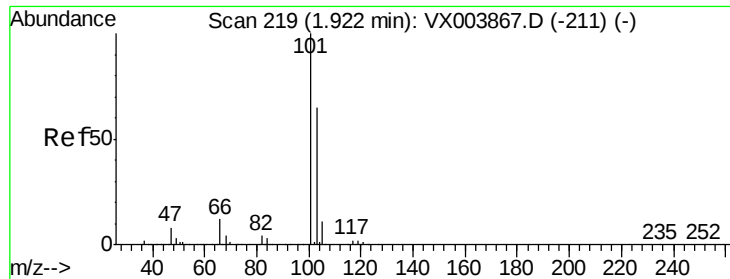
66 33.0 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

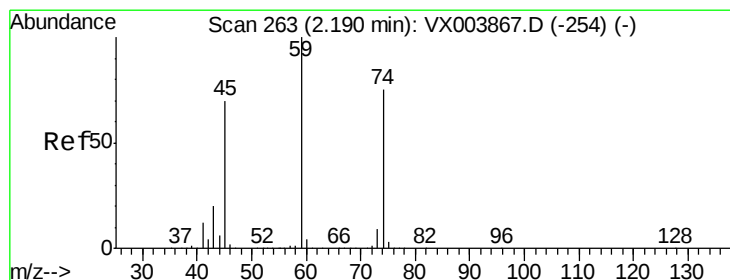
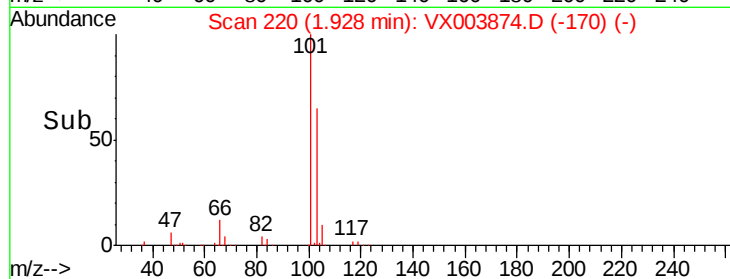
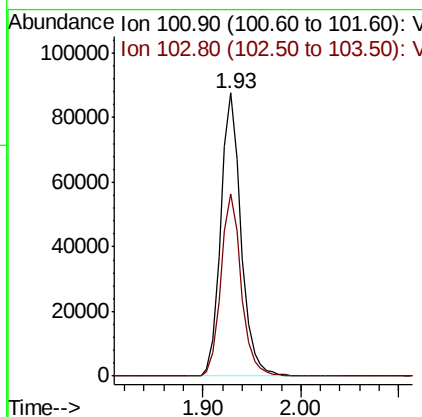
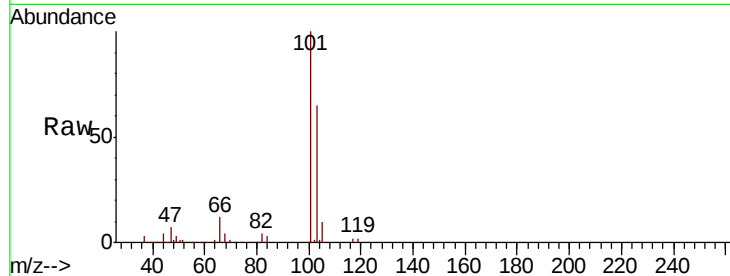
Trichlorofluoromethane  
 Concen: 18.99 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. 0.01 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.6  | 52.3  | 78.5  |

Manual Integrations  
 APPROVED

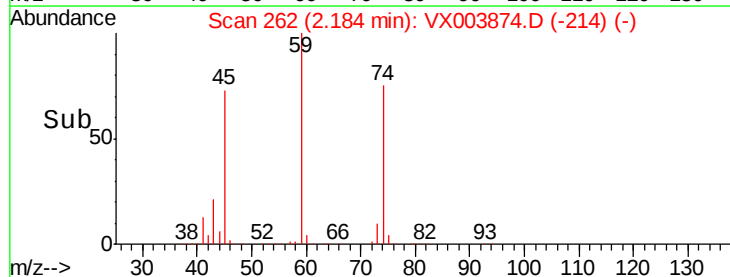
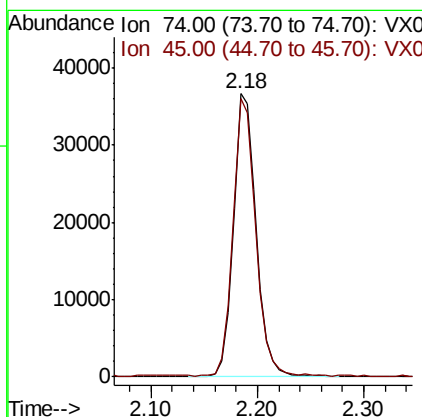
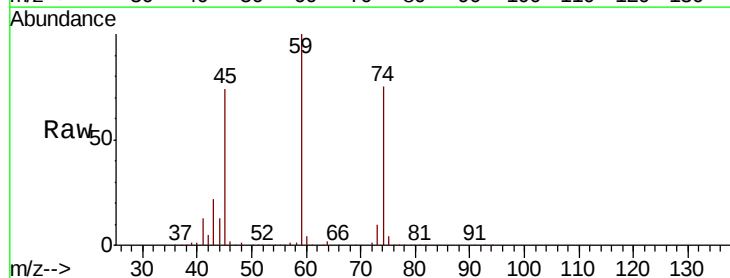
Sam  
 8/21/2018 4:31:31 PM

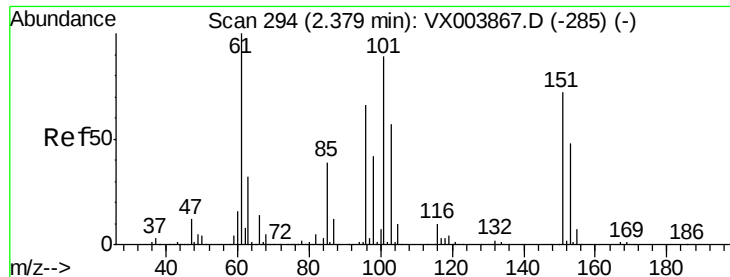


#8

Diethyl Ether  
 Concen: 18.37 ug/l  
 RT: 2.18 min Scan# 262  
 Delta R.T. -0.01 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 98.0  | 48.3  | 144.9 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.00 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

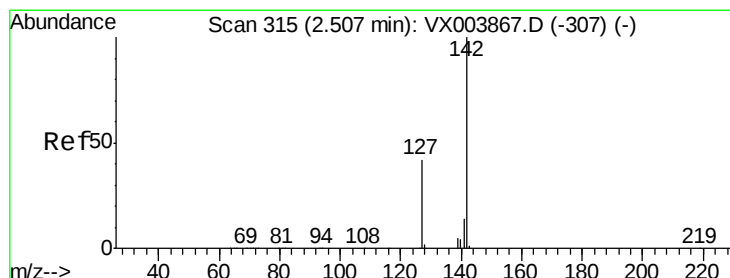
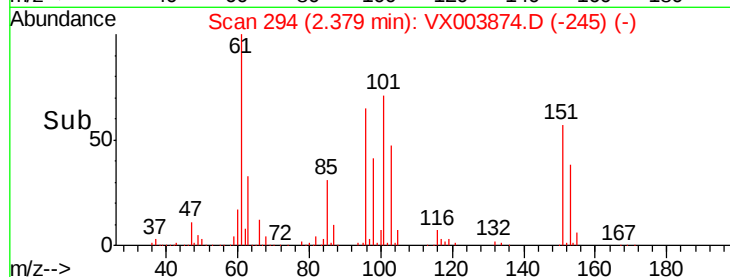
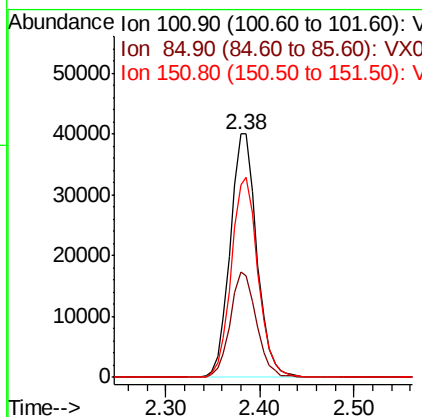
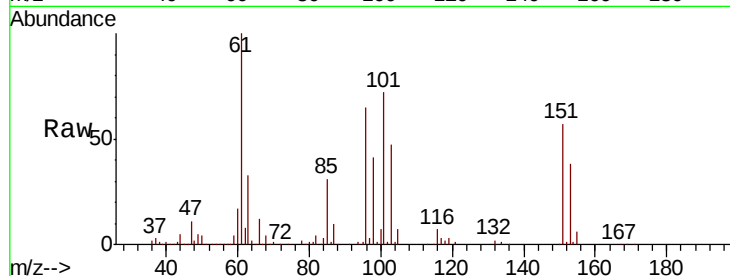
ClientSampled :

VX0807WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 78742 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.4  | 34.2  | 51.4  |
| 151       | 81.8  | 65.0  | 97.4  |

Manual Integrations  
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sam  
8/21/2018 4:31:31 PM



#10

Methyl Iodide

Concen: 17.08 ug/l

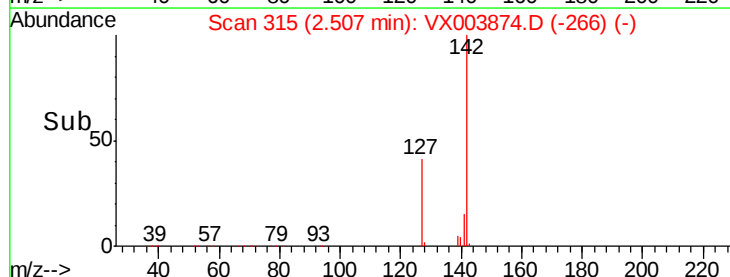
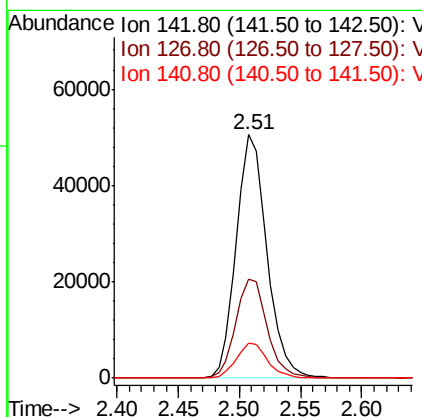
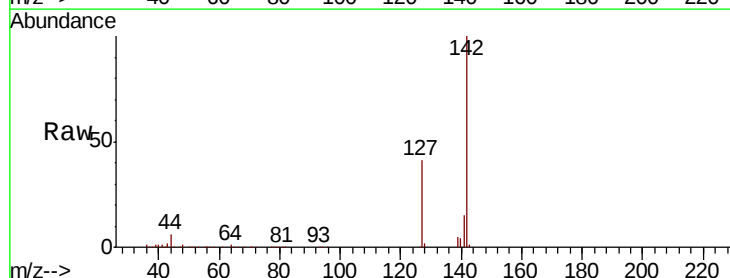
RT: 2.51 min Scan# 315

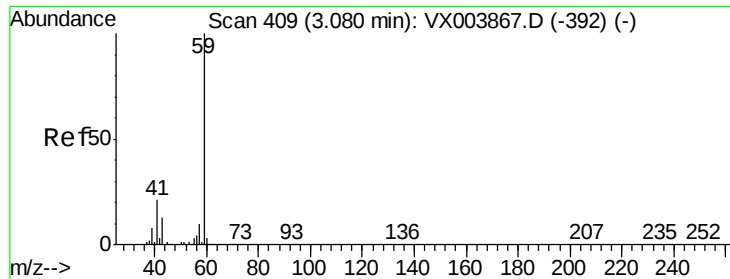
Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 88040 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 41.6  | 33.1  | 49.7  |
| 141       | 14.5  | 11.1  | 16.7  |





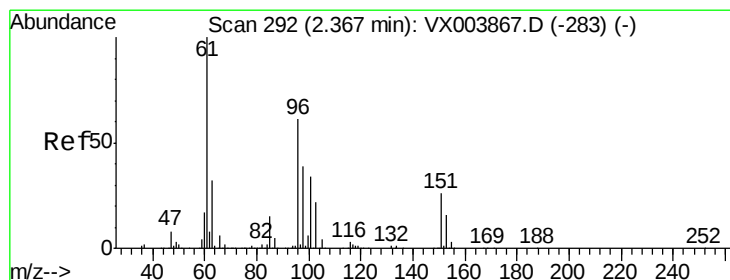
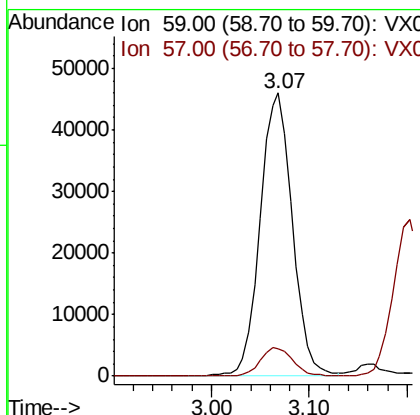
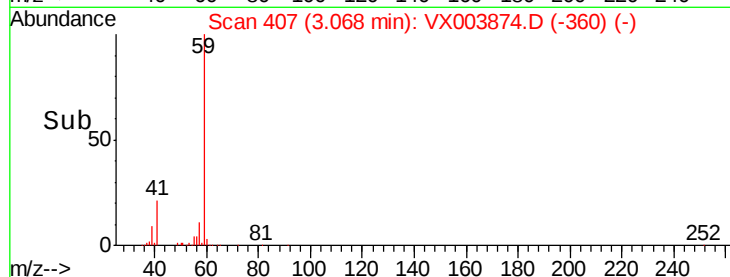
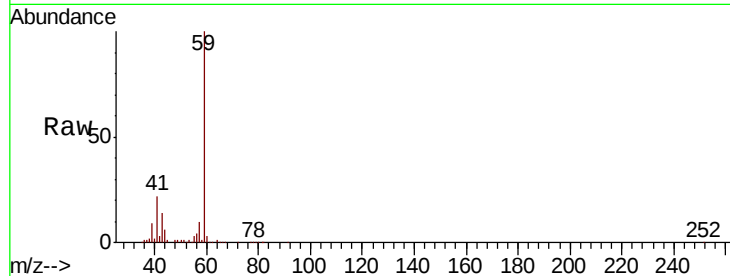
#11  
Tert butyl alcohol  
Concen: 90.44 ug/l  
RT: 3.07 min Scan# 407  
Delta R.T. -0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.1   | 12.1  |

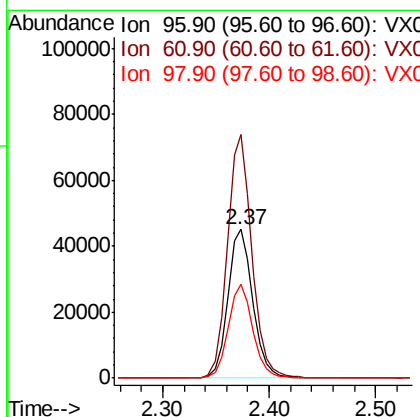
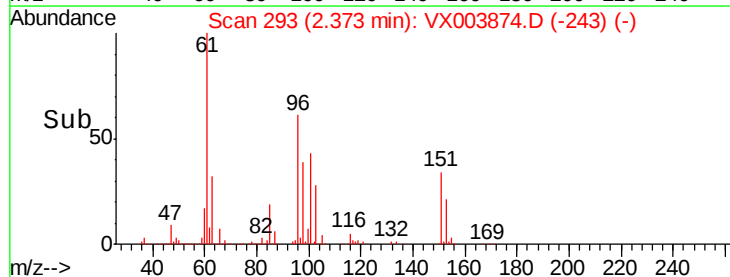
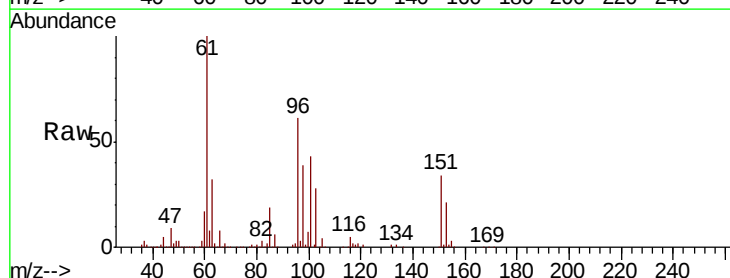
Manual Integrations  
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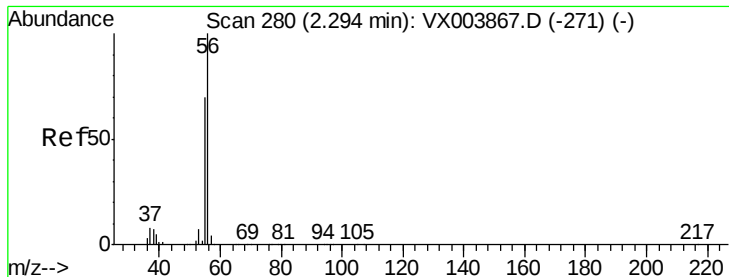
sam  
8/21/2018 4:31:31 PM



#12  
1,1-Dichloroethene  
Concen: 18.83 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. 0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 164.0 | 131.3 | 196.9 |
| 98      | 63.5  | 51.8  | 77.6  |





#13

Acrolein

Concen: 91.78 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion: 56 Resp: 57444

Ion Ratio Lower Upper

56 100

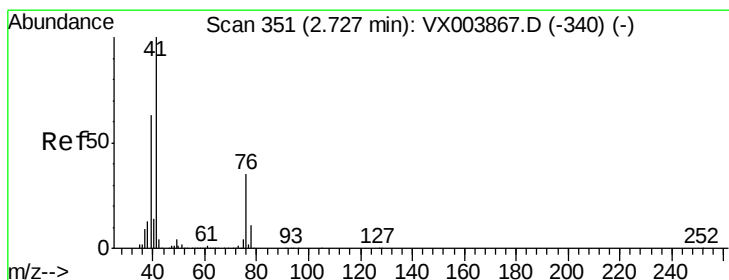
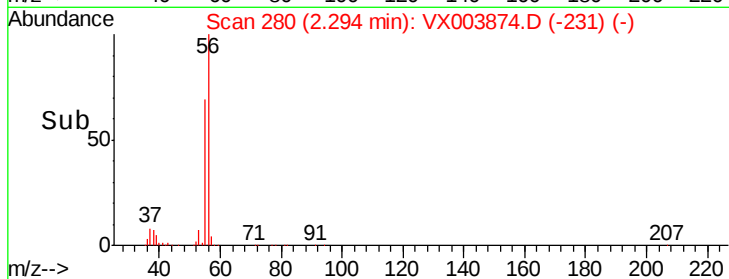
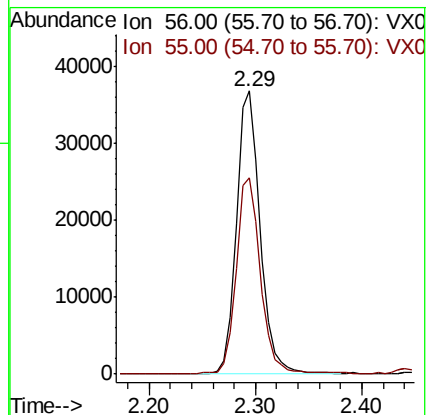
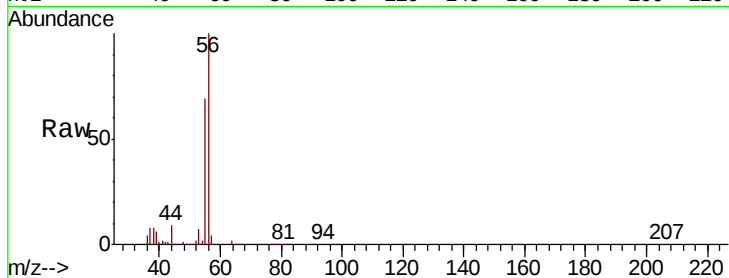
55 71.1 56.1 84.1

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 18.74 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

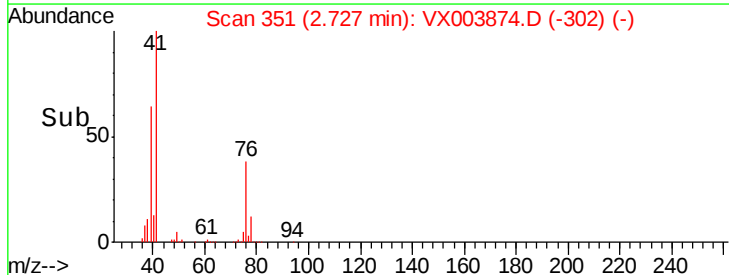
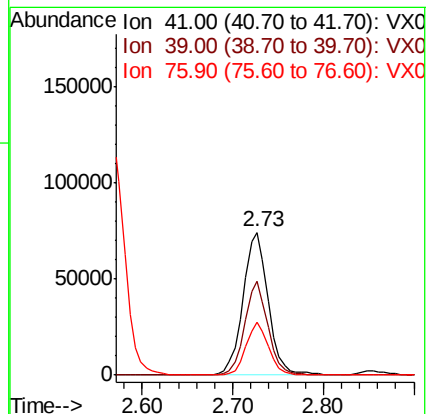
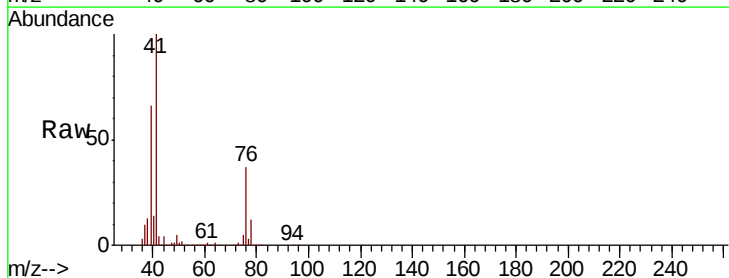
Tgt Ion: 41 Resp: 141590

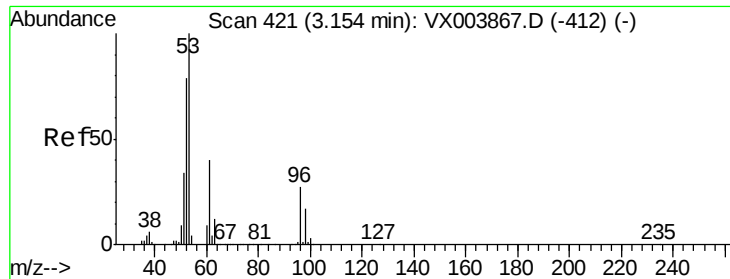
Ion Ratio Lower Upper

41 100

39 60.2 47.4 71.0

76 33.0 26.0 39.0





#15

Acrylonitrile

Concen: 89.44 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

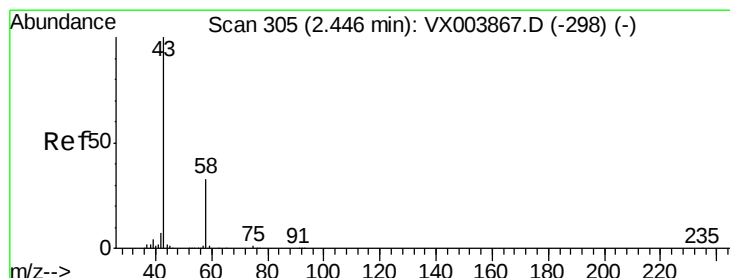
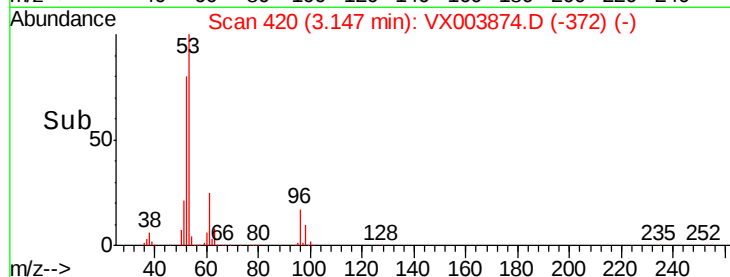
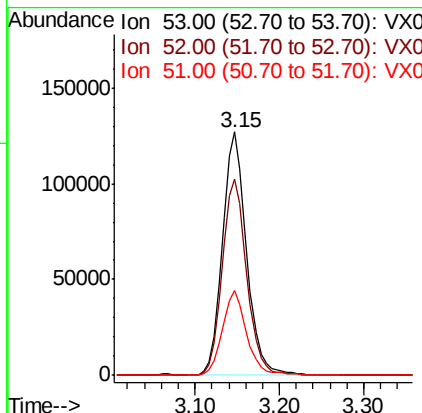
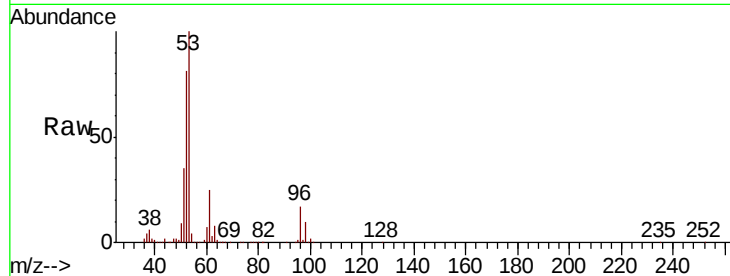
ClientSampled :

VX0807WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 248268 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.1 | 65.3  | 97.9   |
| 51        | 34.9 | 27.9  | 41.9   |

Manual Integrations  
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sam  
8/21/2018 4:31:31 PM



#16

Acetone

Concen: 91.81 ug/l

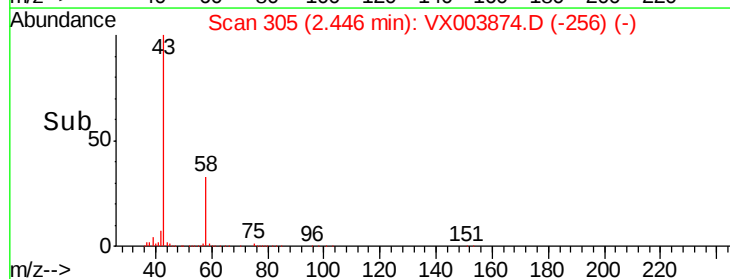
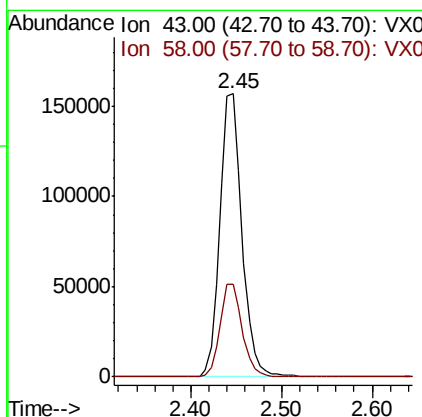
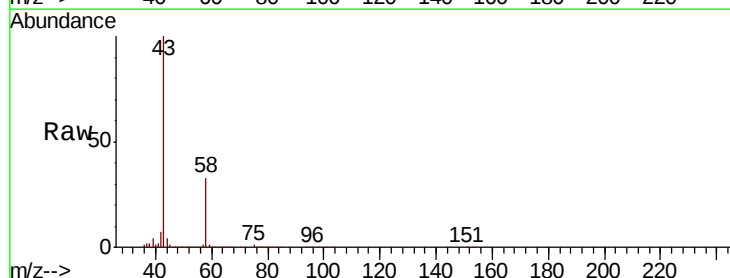
RT: 2.45 min Scan# 305

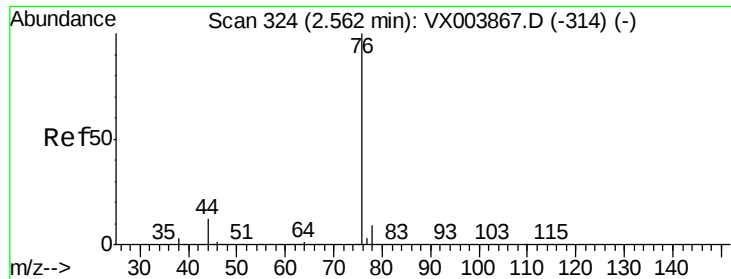
Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 264439 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 32.9 | 26.4  | 39.6   |





#17

Carbon Disulfide

Concen: 18.73 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampled :

VX0807WBS01

Tot Ion: 76 Resp: 204964

Ion Ratio Lower Upper

76 100

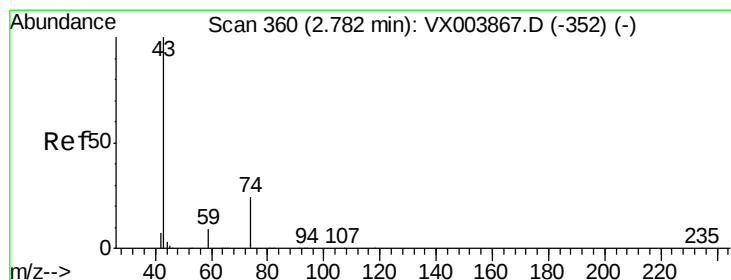
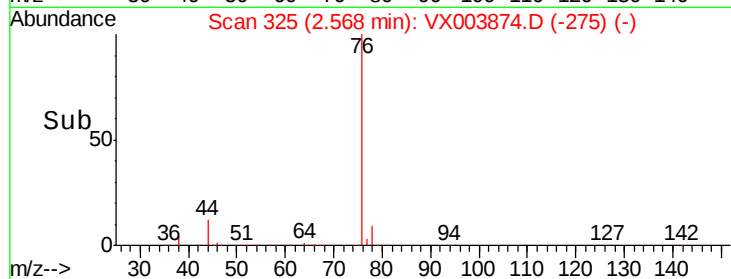
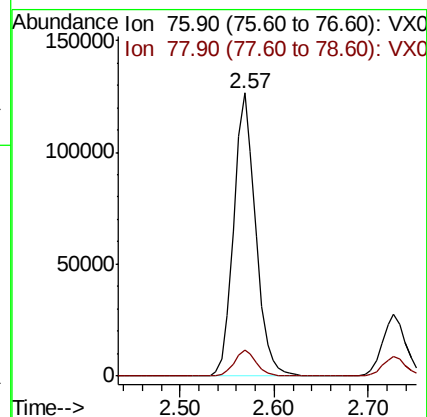
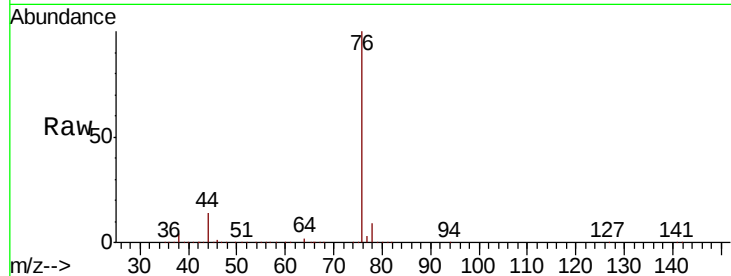
78 9.1 7.5 11.3

Manual Integrations

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sam

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#18

Methyl Acetate

Concen: 17.97 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX003874.D

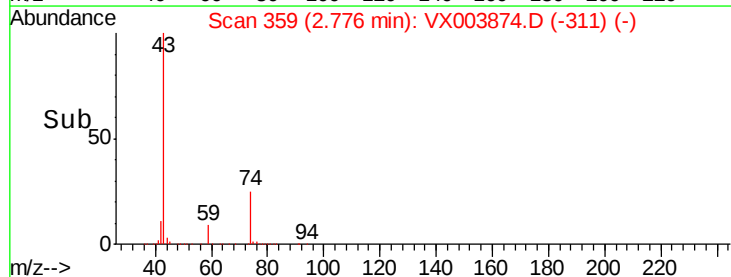
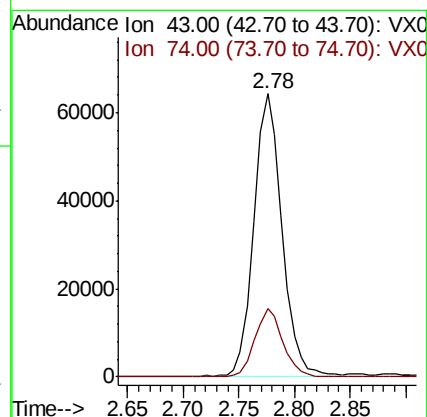
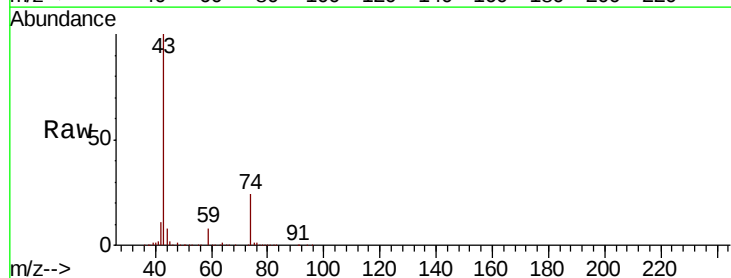
Acq: 07 Aug 2018 12:06

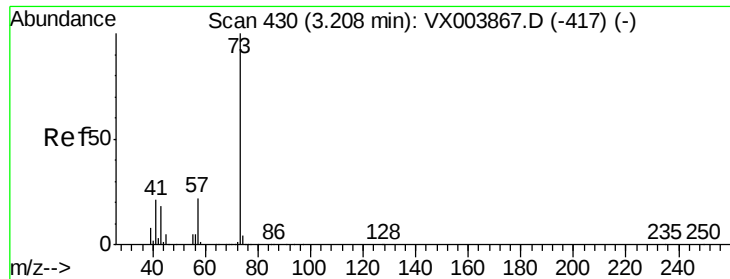
Tgt Ion: 43 Resp: 112713

Ion Ratio Lower Upper

43 100

74 24.4 18.9 28.3





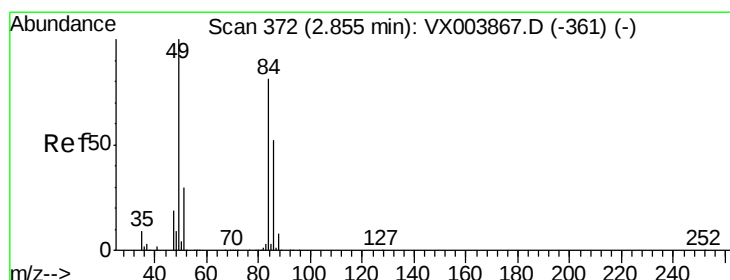
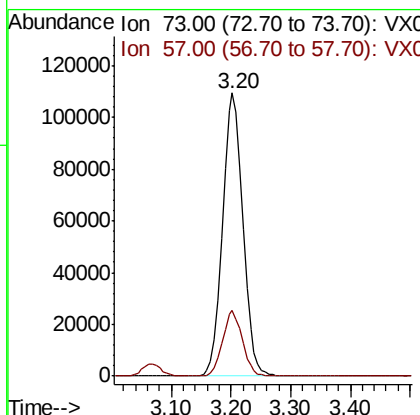
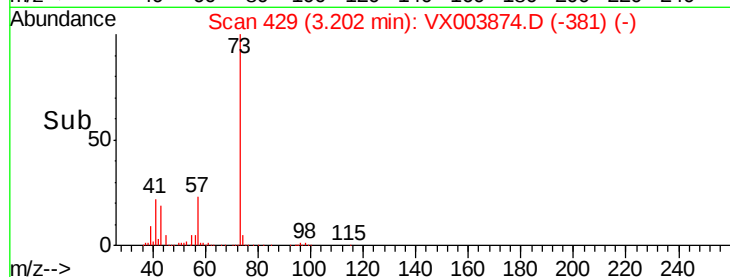
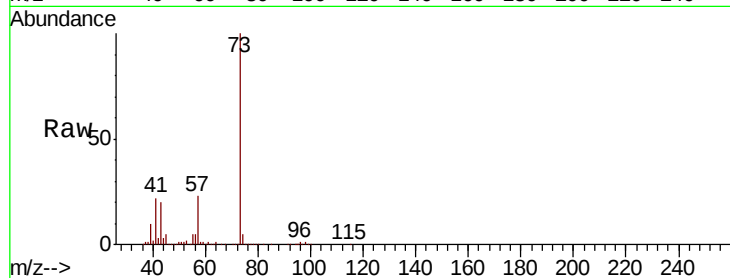
#19  
Methvl tert-butvl Ether  
Concen: 18.71 ug/l  
RT: 3.20 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

Tot Ion: 73 Resp: 259879  
Ion Ratio Lower Upper  
73 100  
57 23.3 18.0 27.0

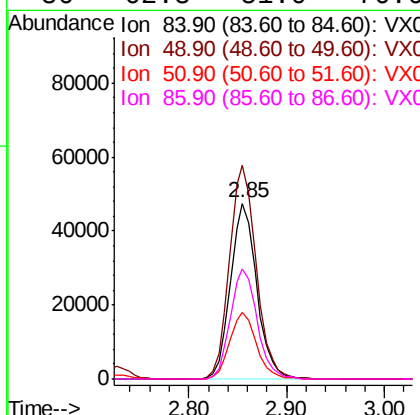
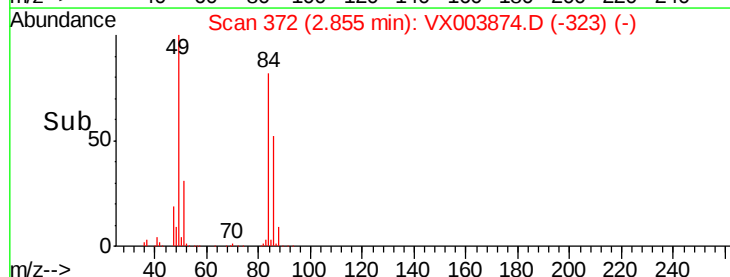
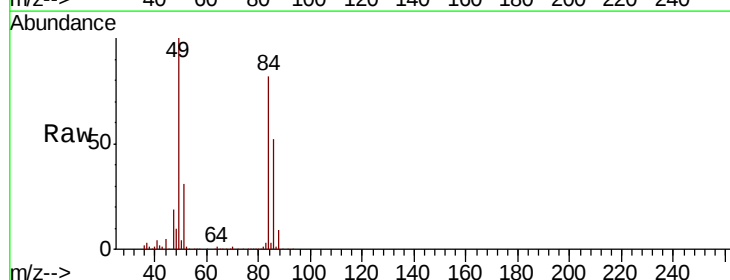
Manual Integrations  
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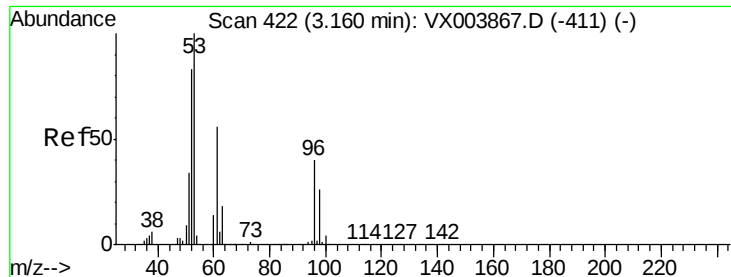
sam  
8/21/2018 4:31:31 PM



#20  
Methylene Chloride  
Concen: 18.40 ug/l  
RT: 2.85 min Scan# 372  
Delta R.T. 0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Tgt Ion: 84 Resp: 88746  
Ion Ratio Lower Upper  
84 100  
49 121.5 98.9 148.3  
51 37.6 29.9 44.9  
86 62.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.16 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

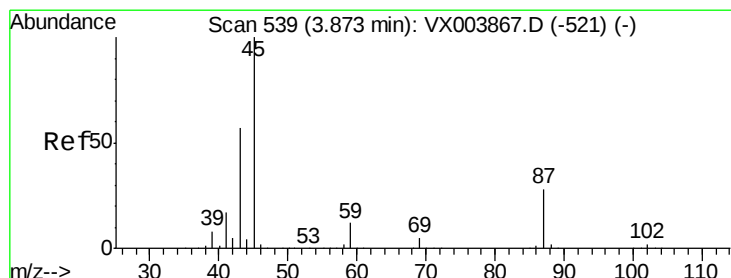
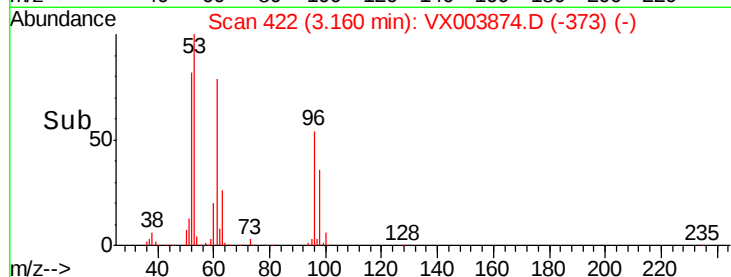
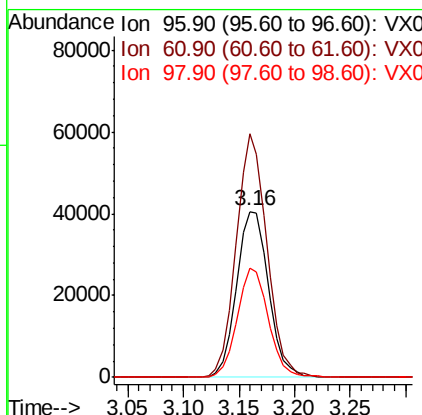
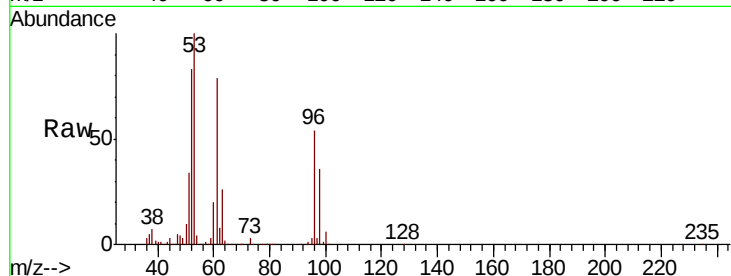
ClientSampleId :

VX0807WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 80839 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 147.0 | 111.8 | 167.6 |
| 98       | 66.3  | 51.8  | 77.6  |

Manual Integrations  
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sam  
8/21/2018 4:31:31 PM



#22

Diisopropyl ether

Concen: 19.76 ug/l

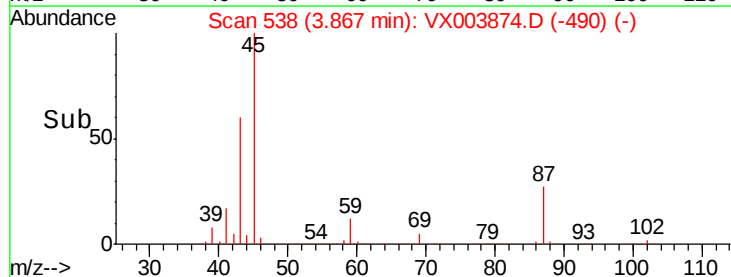
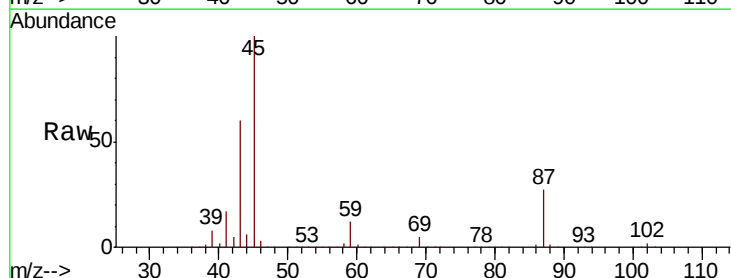
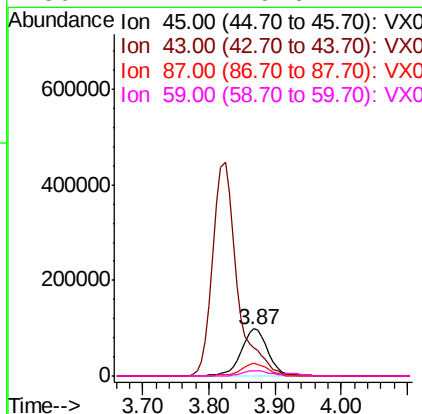
RT: 3.87 min Scan# 538

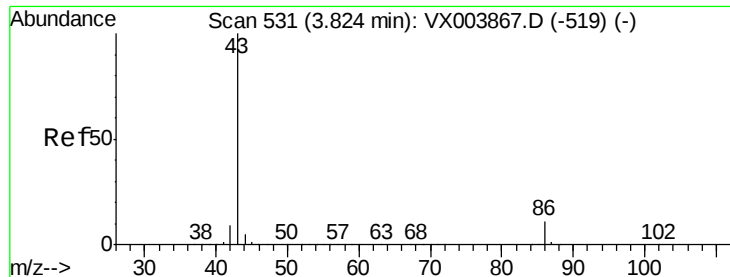
Delta R.T. -0.01 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 274536 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.8  | 45.3  | 67.9   |
| 87       | 26.9  | 22.7  | 34.1   |
| 59       | 12.1  | 9.6   | 14.4   |





#23

Vinyl Acetate

Concen: 99.75 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion: 43 Resp: 1152889

Ion Ratio Lower Upper

43 100

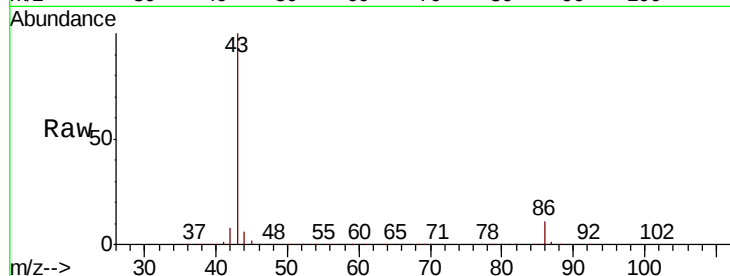
86 10.8 8.9 13.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

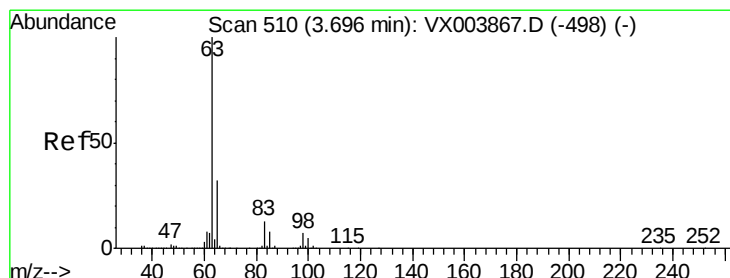
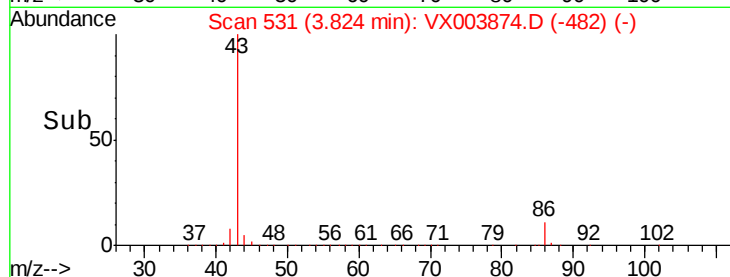
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.81 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

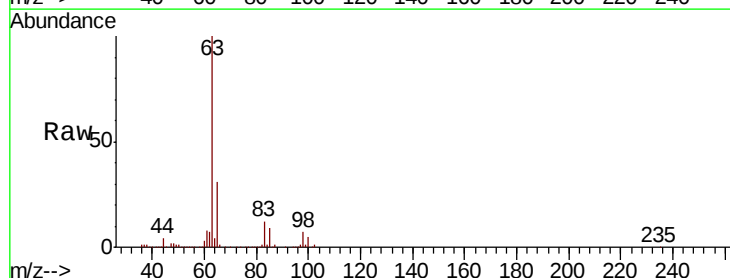
Tgt Ion: 63 Resp: 155228

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.7 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

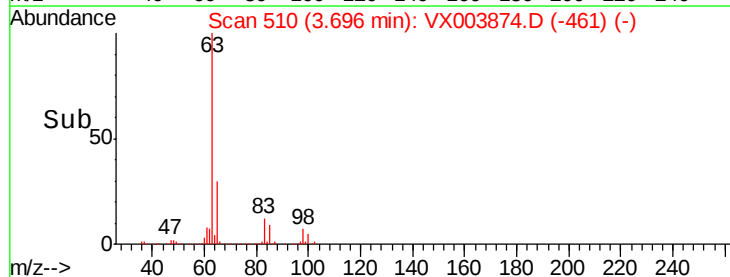
40000

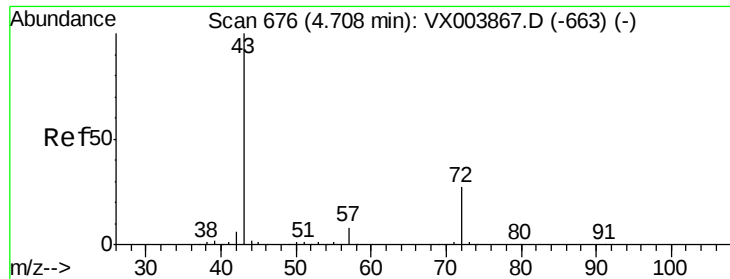
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 90.97 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion: 43 Resp: 393921

Ion Ratio Lower Upper

43 100

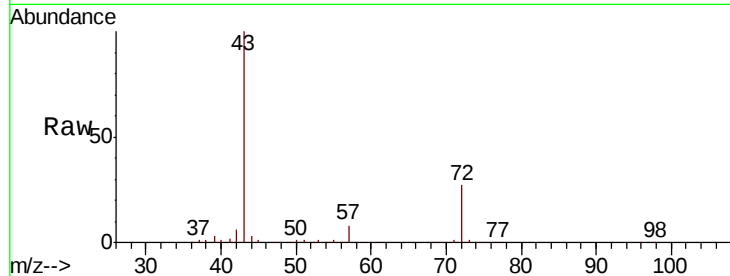
72 26.7 21.4 32.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

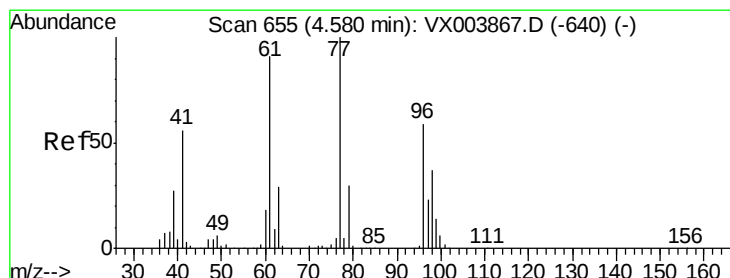
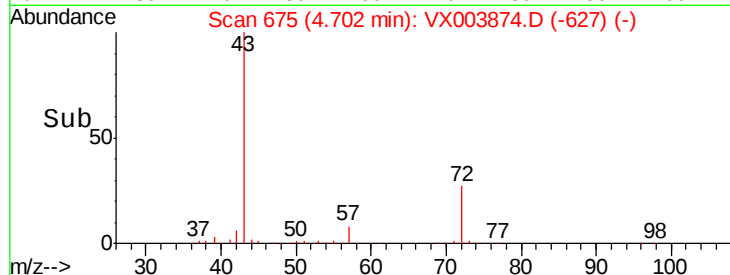
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.50 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX003874.D

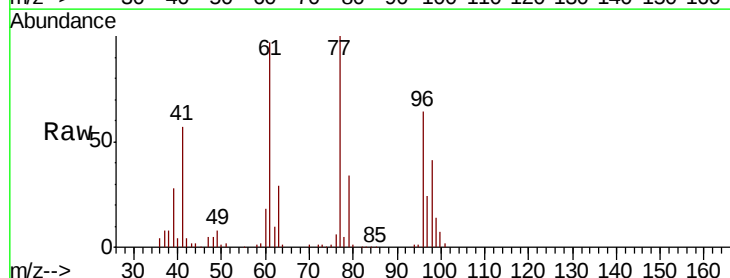
Acq: 07 Aug 2018 12:06

Tgt Ion: 77 Resp: 116005

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

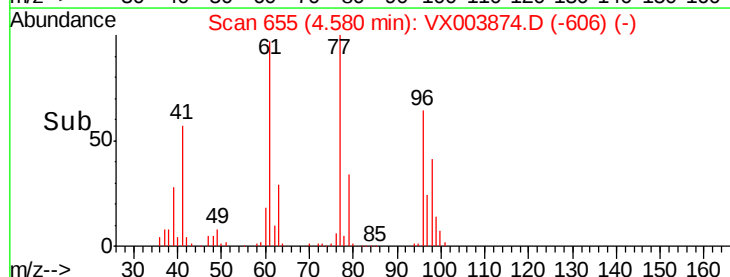
20000

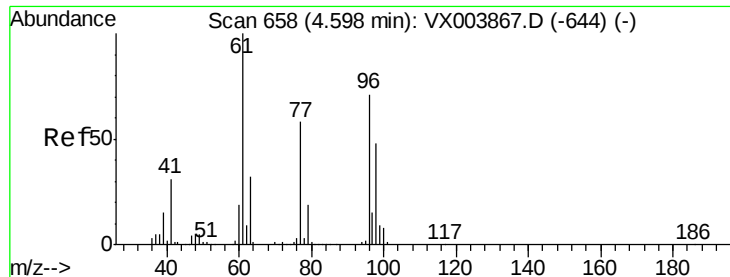
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 18.62 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

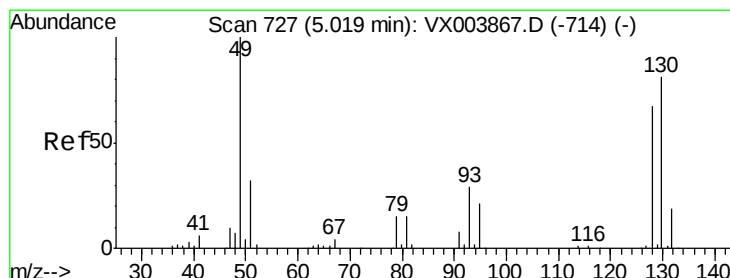
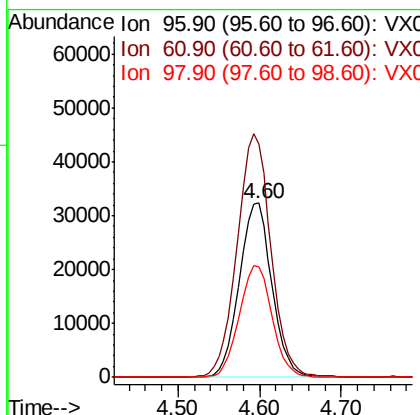
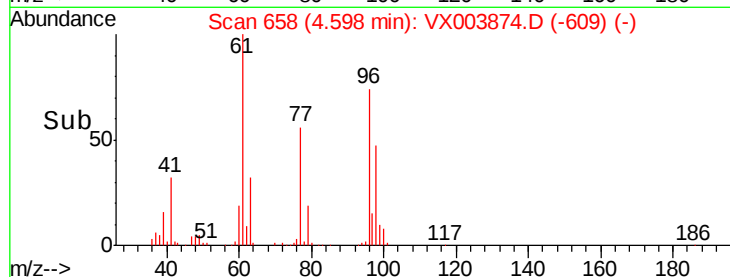
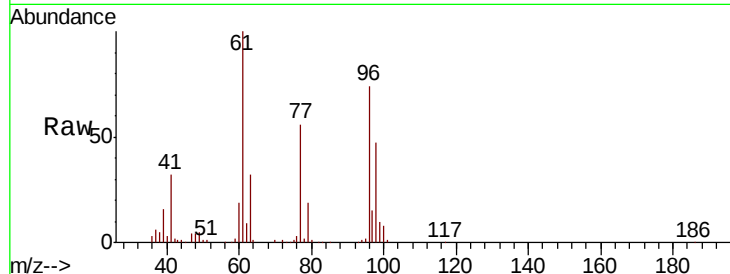
ClientSampleId :

VX0807WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 89889 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.1 | 0.0   | 293.0 |
| 98       | 64.8  | 0.0   | 131.8 |

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sam  
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#28

Bromochloromethane

Concen: 20.04 ug/l

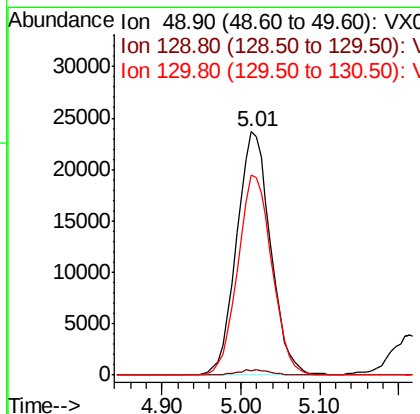
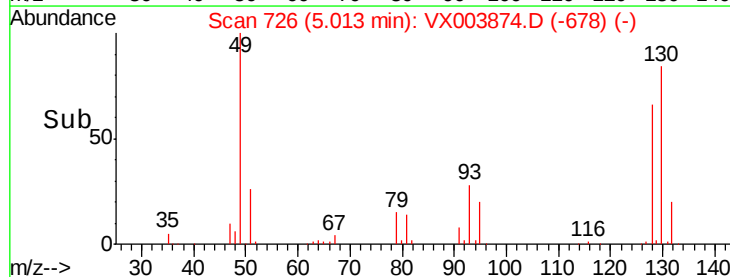
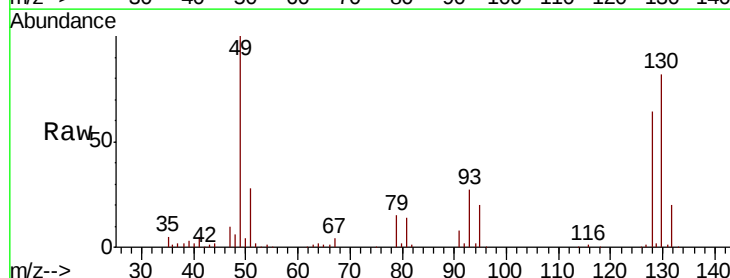
RT: 5.01 min Scan# 726

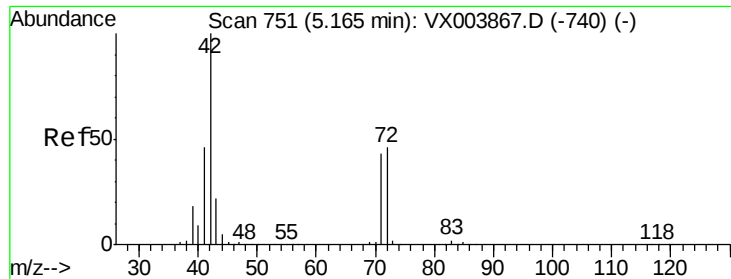
Delta R.T. -0.01 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 70769 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.1   | 0.0   | 4.2   |
| 130      | 82.7  | 66.5  | 99.7  |





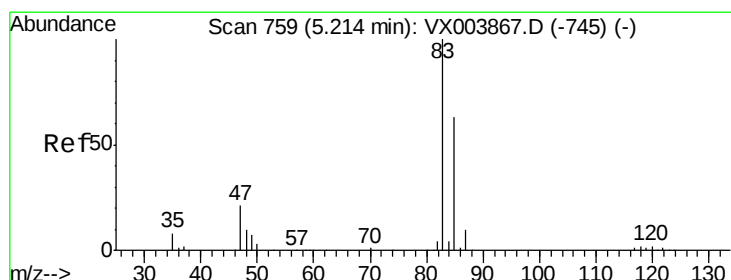
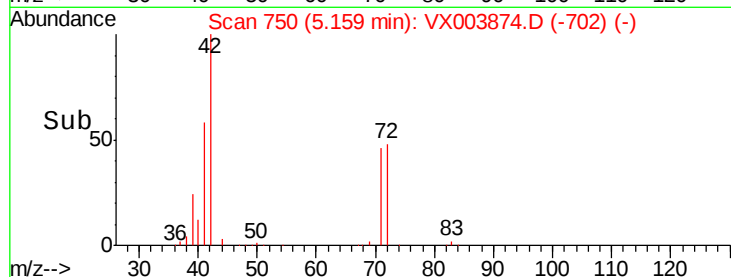
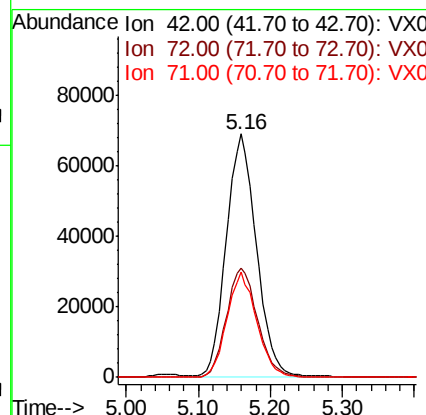
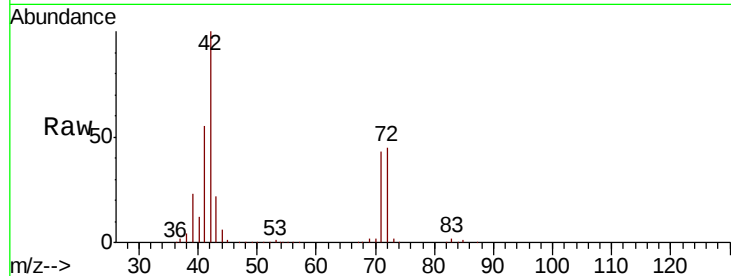
#29  
Tetrahydrofuran  
Concen: 90.23 ug/l  
RT: 5.16 min Scan# 750  
Delta R.T. -0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.4  | 37.7  | 56.5  |
| 71      | 42.6  | 35.0  | 52.6  |

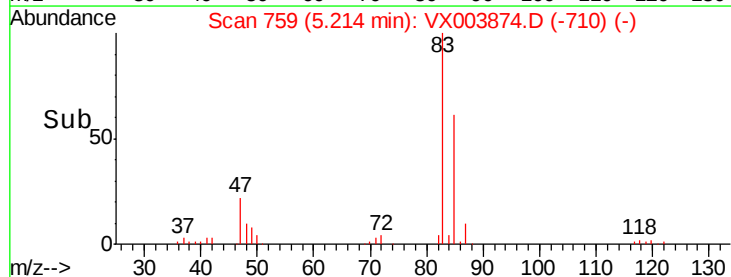
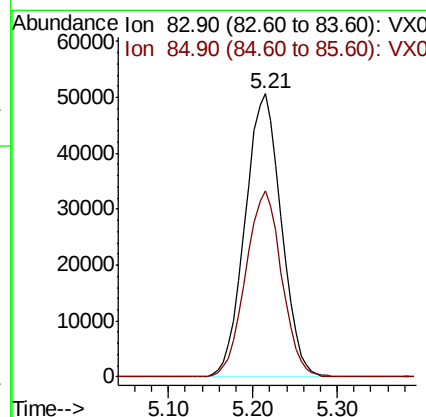
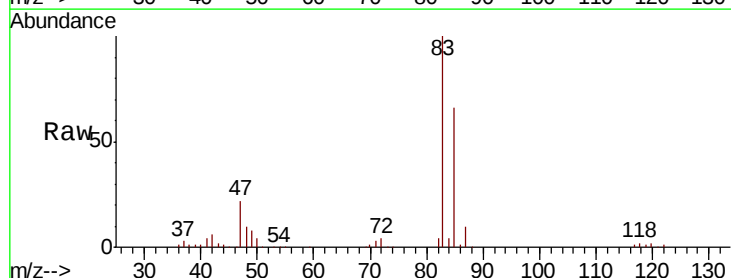
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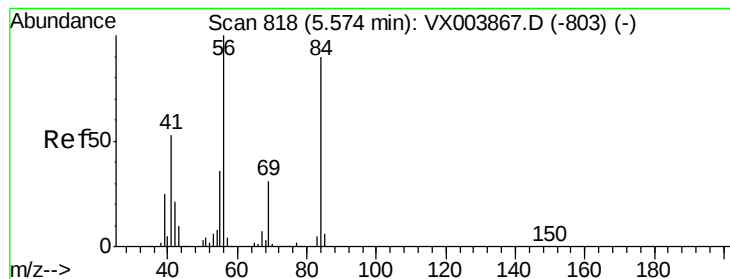
sam  
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#30  
Chloroform  
Concen: 19.01 ug/l  
RT: 5.21 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.7  | 50.7  | 76.1  |





#31

Cyclohexane

Concen: 18.74 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

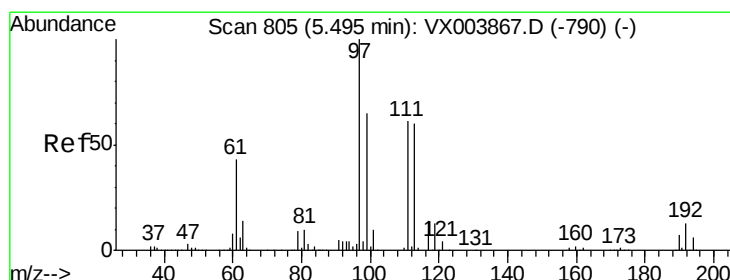
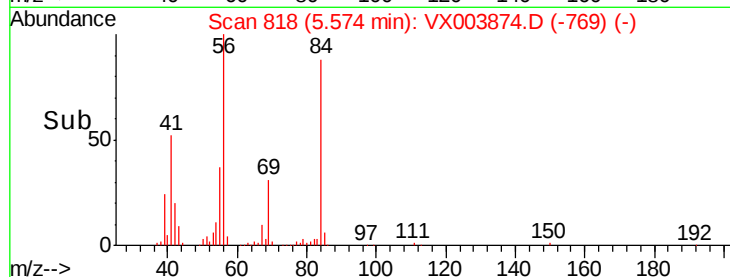
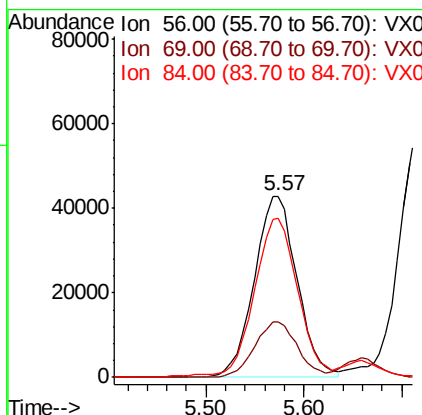
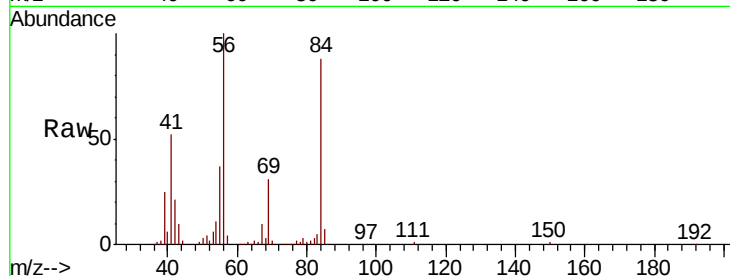
ClientSampleId :

VX0807WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 130769 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 30.7  | 24.9  | 37.3   |
| 84       | 86.9  | 71.7  | 107.5  |

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sam  
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#32

1,1,1-Trichloroethane

Concen: 19.24 ug/l

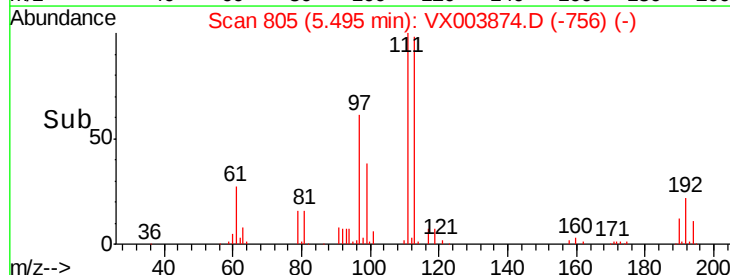
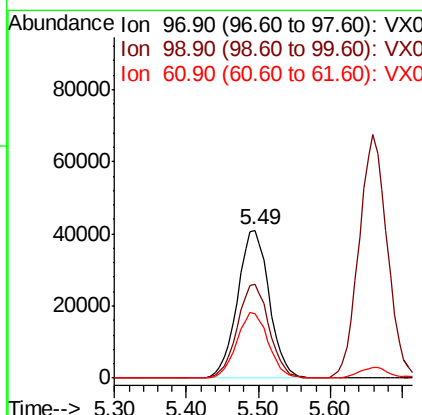
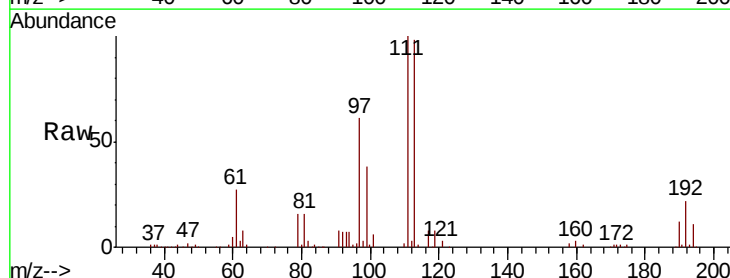
RT: 5.49 min Scan# 805

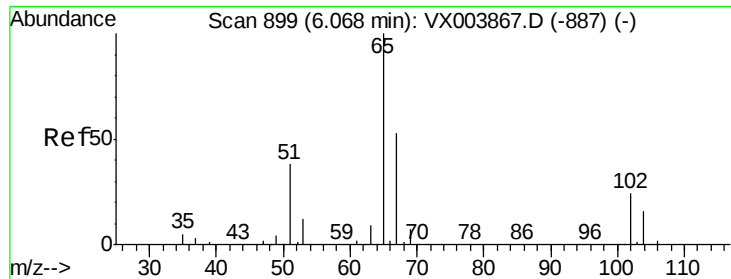
Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 125332 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 63.6  | 51.8  | 77.8   |
| 61       | 44.3  | 34.4  | 51.6   |





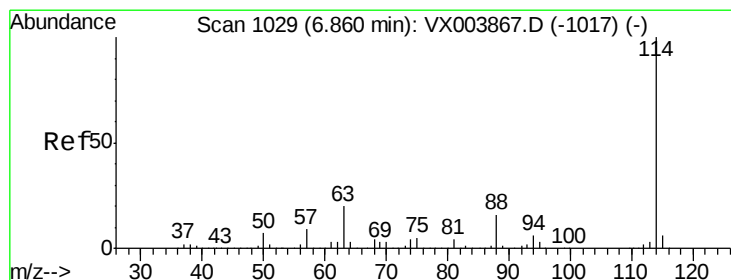
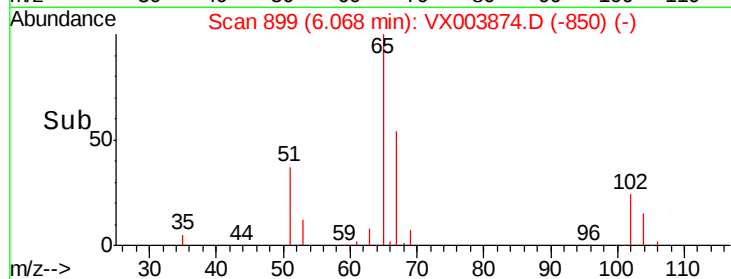
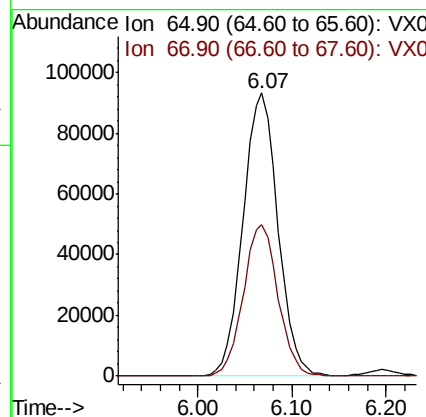
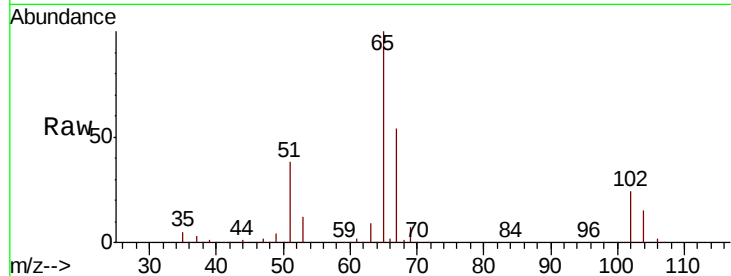
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.98 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0807WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 241949 |       |       |
| 67      | 53.3  | 0.0    | 105.8 |       |

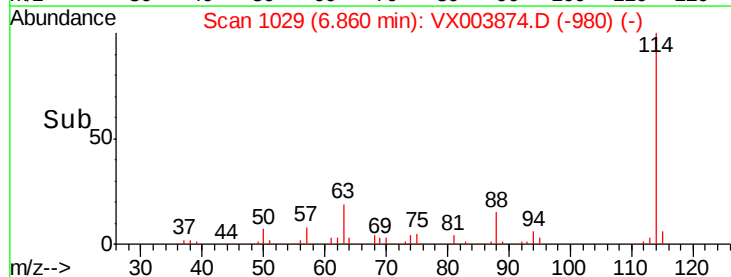
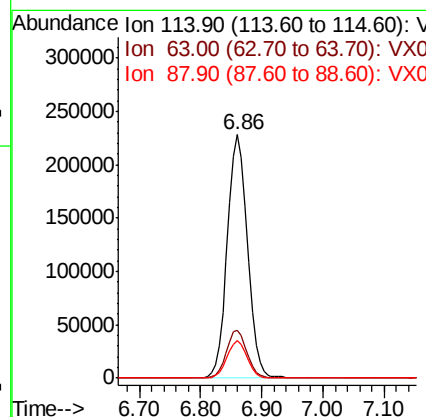
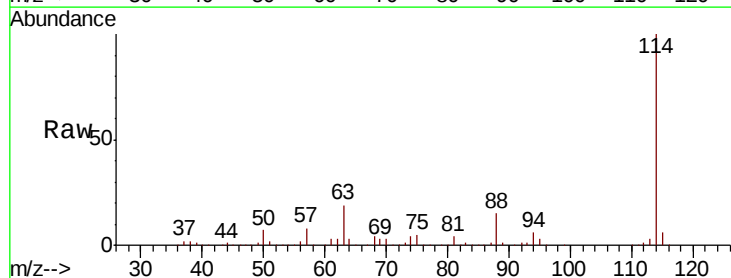
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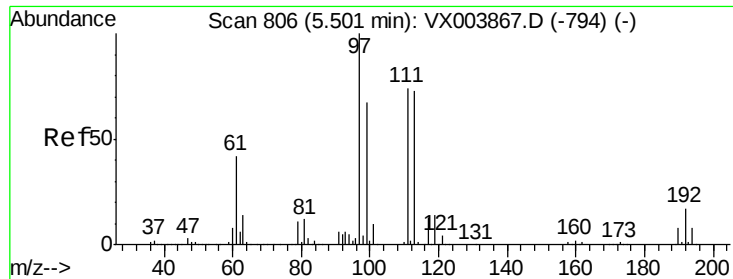
sam  
 8/21/2018 4:31:31 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 522635 |       |       |
| 63      | 19.5  | 0.0    | 39.0  |       |
| 88      | 15.3  | 0.0    | 32.0  |       |





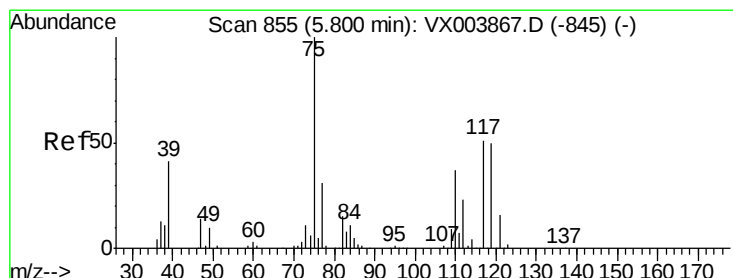
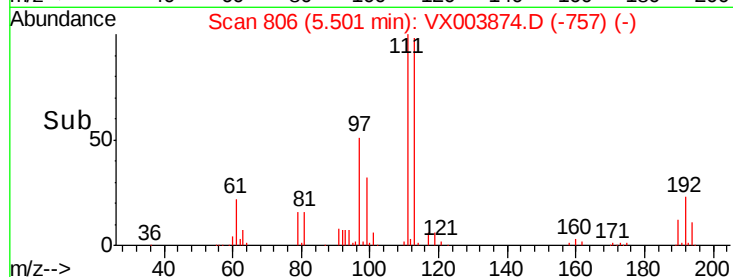
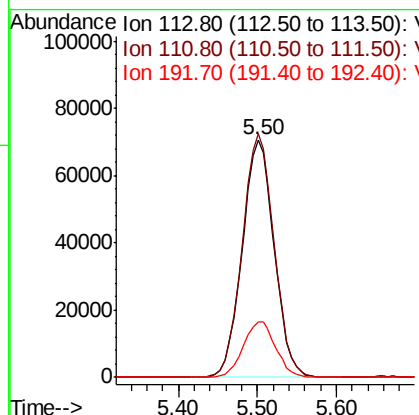
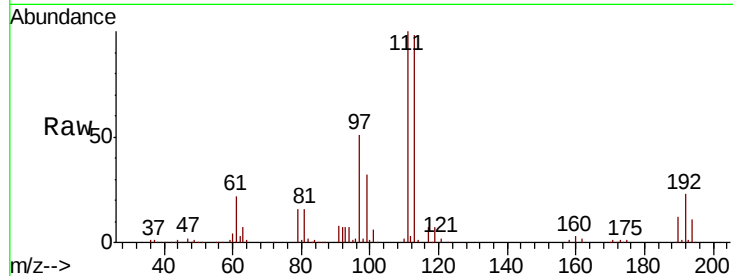
#35  
 Dibromofluoromethane  
 Concen: 50.04 ug/l  
 RT: 5.50 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 198129 |       |       |
| 111     | 102.6 | 82.0   | 123.0 |       |
| 192     | 23.8  | 19.0   | 28.4  |       |

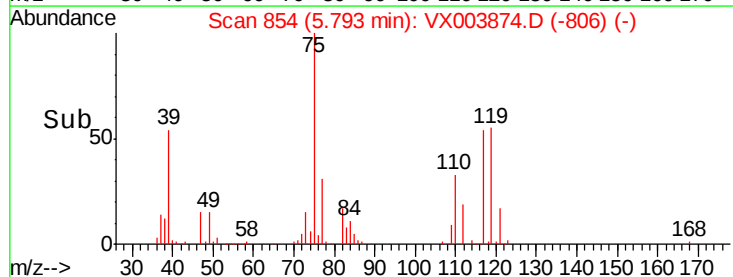
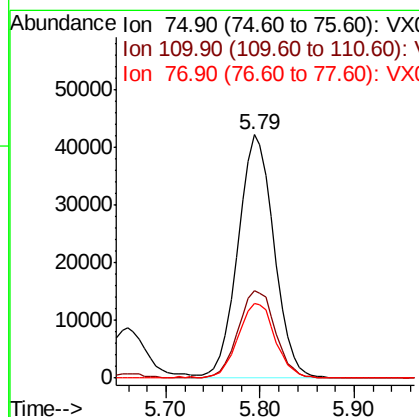
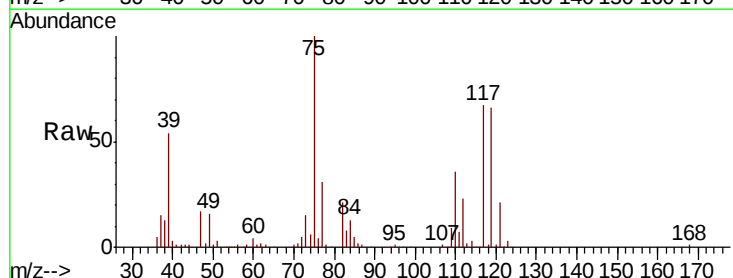
Manual Integrations  
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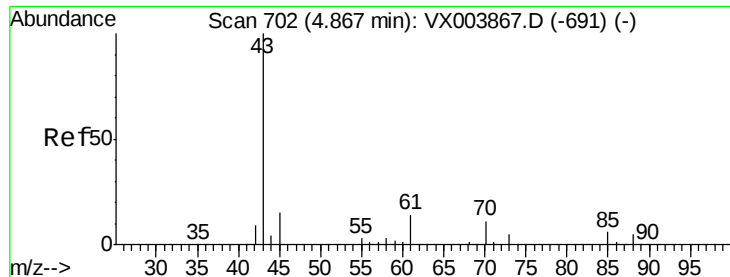
sam  
 8/21/2018 4:31:31 PM



#36  
 1,1-Dichloropropene  
 Concen: 19.24 ug/l  
 RT: 5.79 min Scan# 854  
 Delta R.T. -0.01 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 112600 |       |       |
| 110     | 37.1  | 18.2   | 54.6  |       |
| 77      | 31.9  | 25.0   | 37.4  |       |





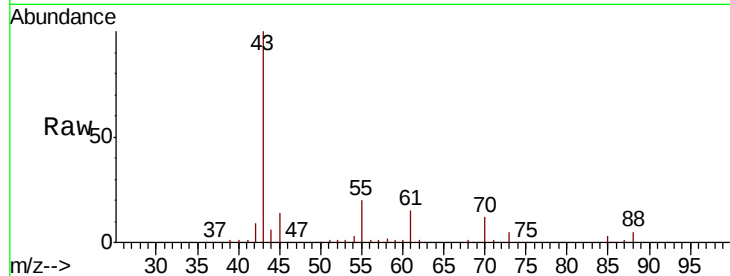
#37  
Ethyl Acetate  
Concen: 18.43 ug/l  
RT: 4.85 min Scan# 700  
Delta R.T. -0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

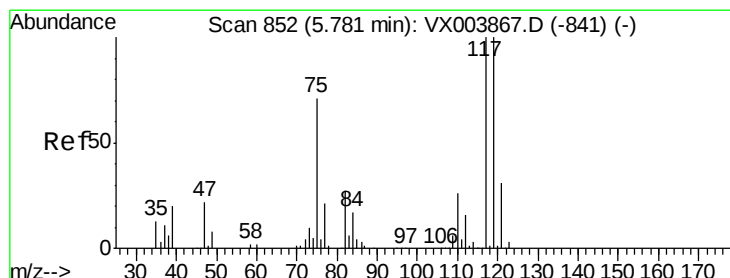
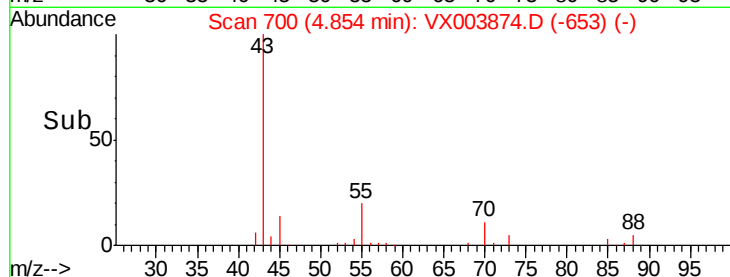
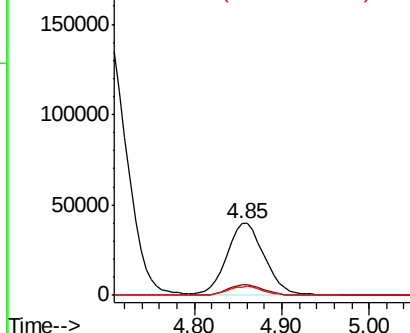
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 11.5  | 17.3  |
| 70      | 11.5  | 9.0   | 13.4  |

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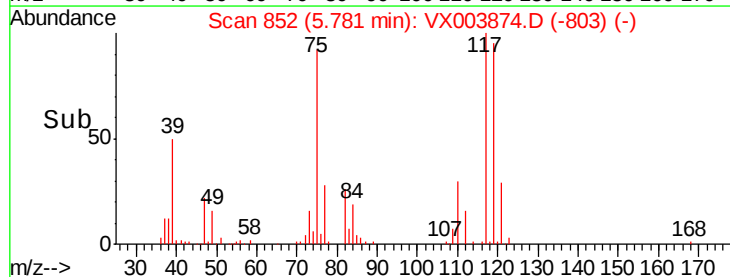
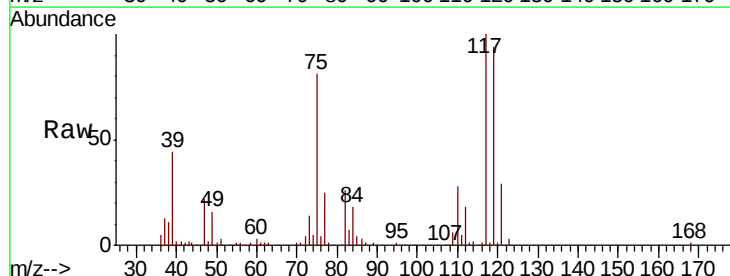
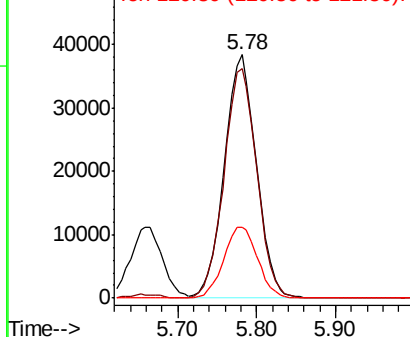
Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0

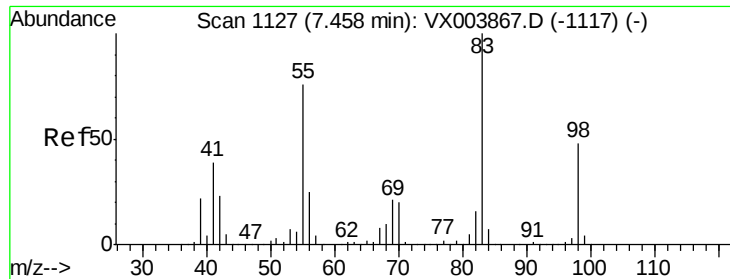


#38  
Carbon Tetrachloride  
Concen: 19.51 ug/l  
RT: 5.78 min Scan# 852  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.4  | 79.5  | 119.3 |
| 121     | 29.1  | 25.0  | 37.4  |

Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V





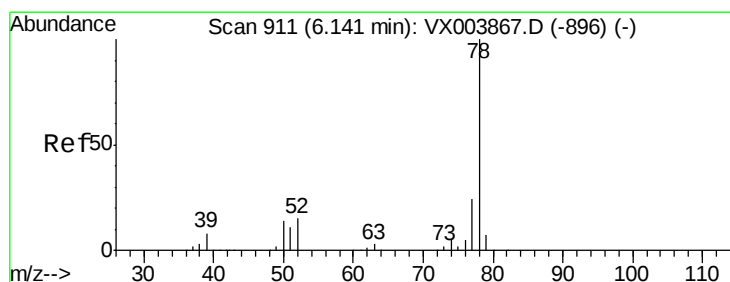
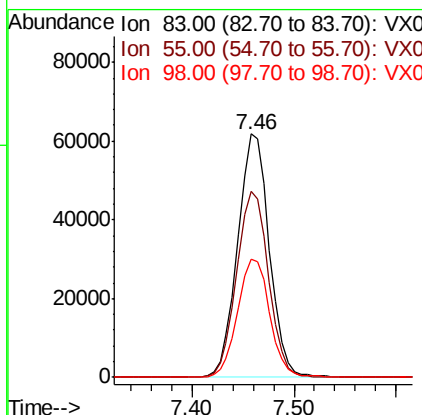
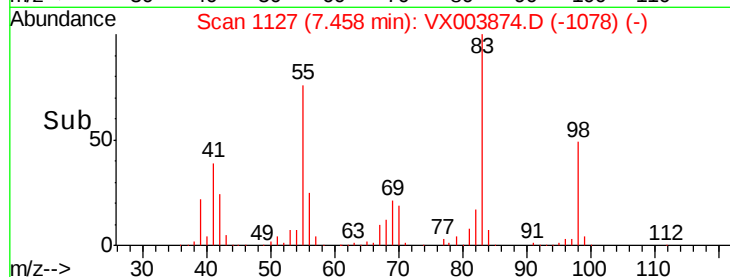
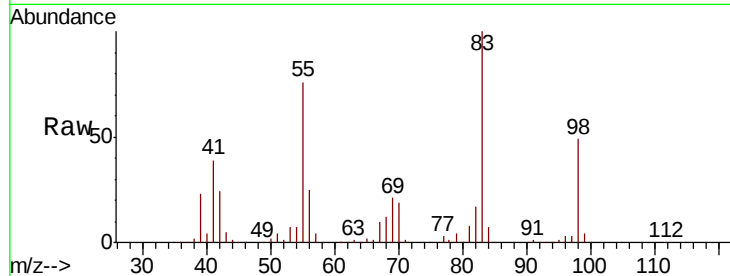
#39  
Methylvlcyclohexane  
Concen: 19.32 ug/l  
RT: 7.46 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.4  | 61.0  | 91.6  |
| 98      | 48.6  | 38.6  | 57.8  |

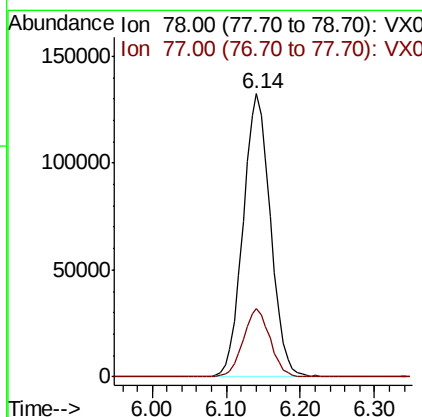
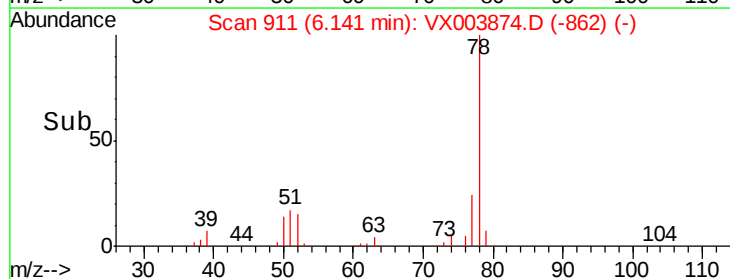
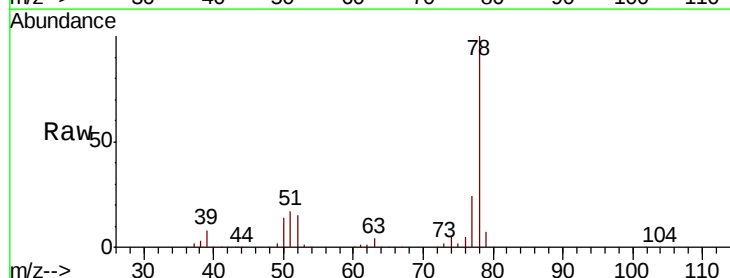
Manual Integrations  
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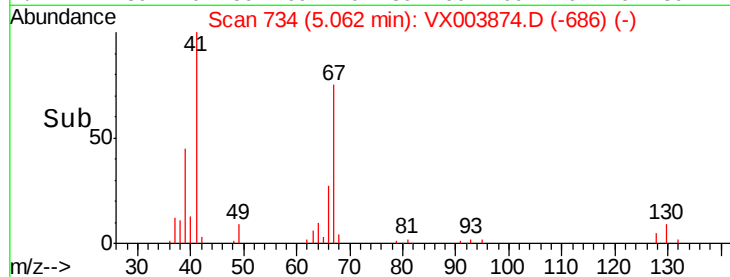
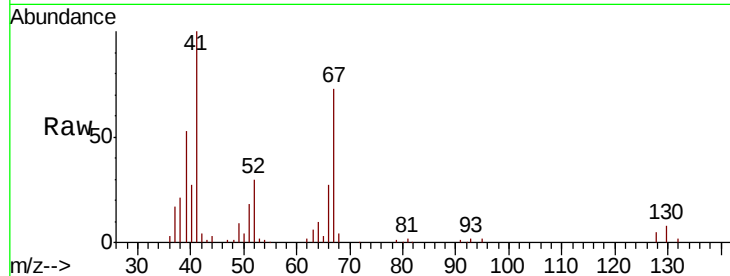
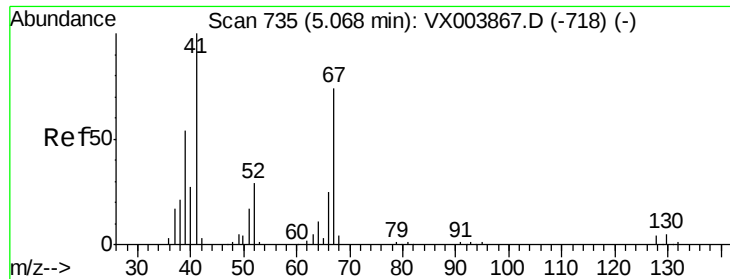
sam  
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#40  
Benzene  
Concen: 19.45 ug/l  
RT: 6.14 min Scan# 911  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 19.0  | 28.4  |





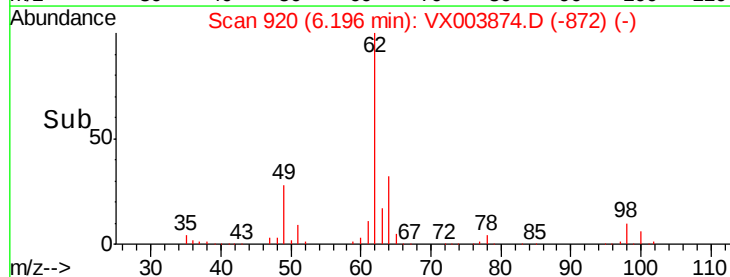
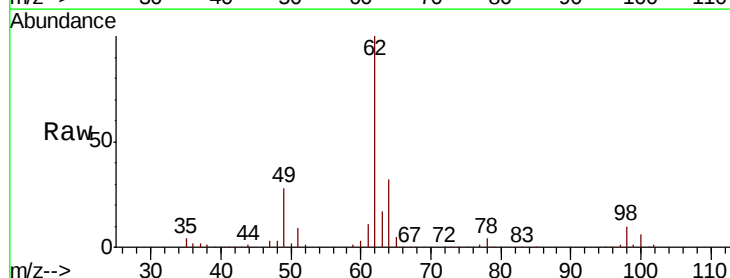
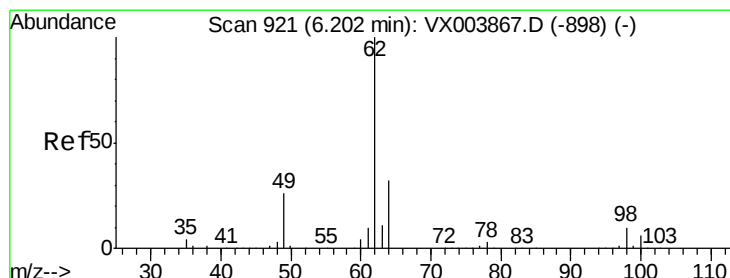
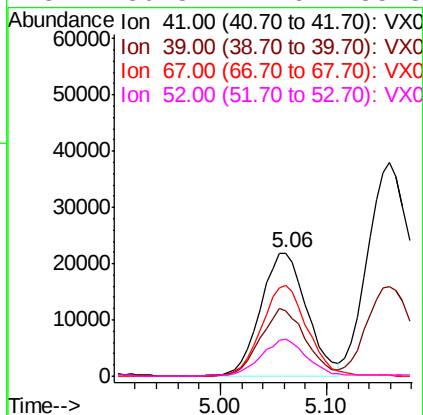
#41  
Methacrylonitrile  
Concen: 18.54 ug/l  
RT: 5.06 min Scan# 734  
Delta R.T. -0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tot Ion   | 41    | Resp  | 65730 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 53.0  | 42.7  | 64.1  |
| 67        | 73.4  | 58.9  | 88.3  |
| 52        | 30.8  | 22.6  | 33.8  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

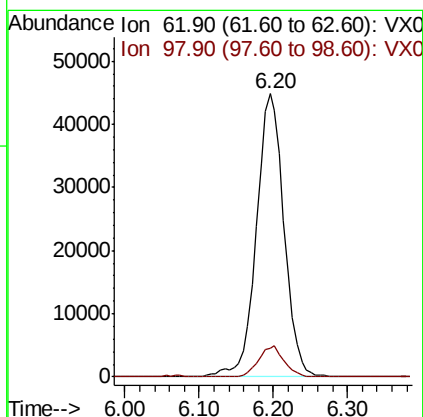
Manual Integrations  
APPROVED

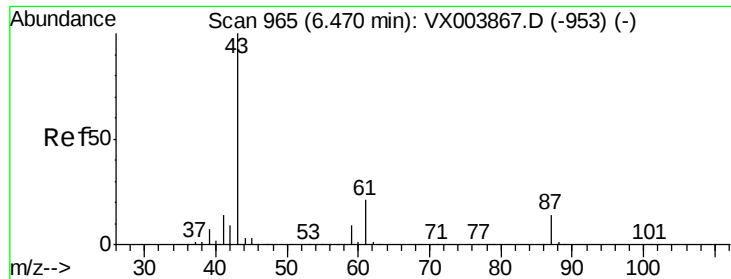
sam  
8/21/2018 4:31:31 PM



#42  
1,2-Dichloroethane  
Concen: 19.46 ug/l  
RT: 6.20 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion   | 62    | Resp  | 115675 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 10.1  | 0.0   | 20.4   |





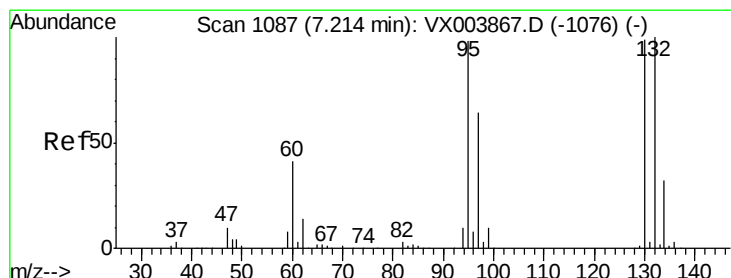
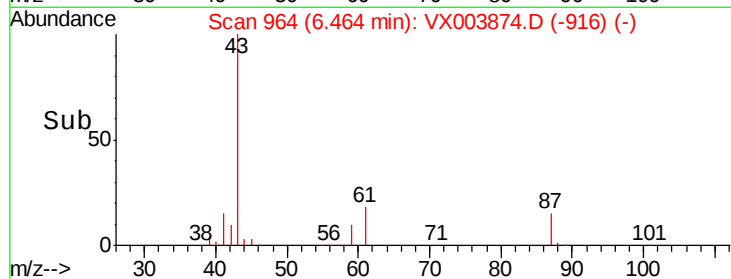
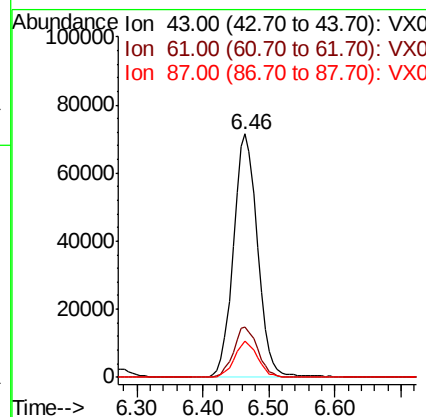
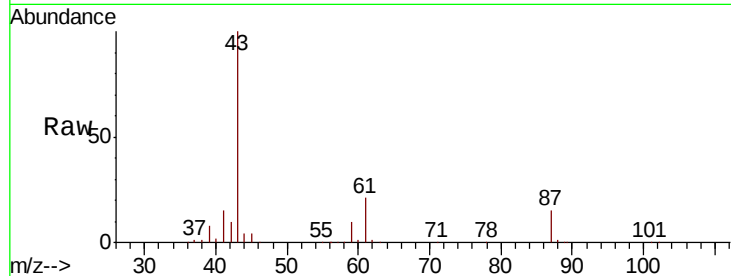
#43  
Isopropyl Acetate  
Concen: 18.57 ug/l  
RT: 6.46 min Scan# 964  
Delta R.T. -0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.8  | 16.9  | 25.3  |
| 87      | 14.3  | 11.3  | 16.9  |

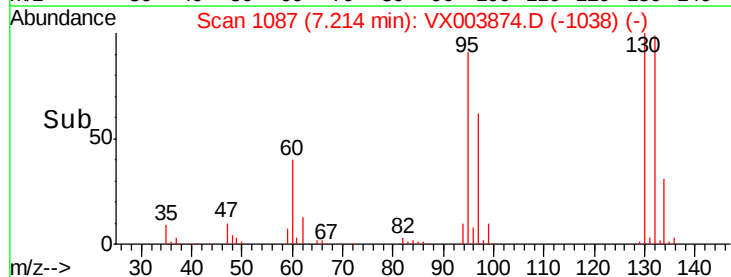
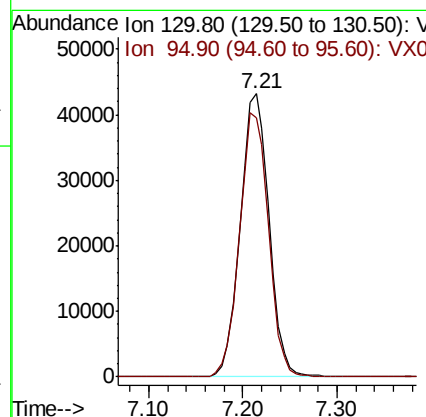
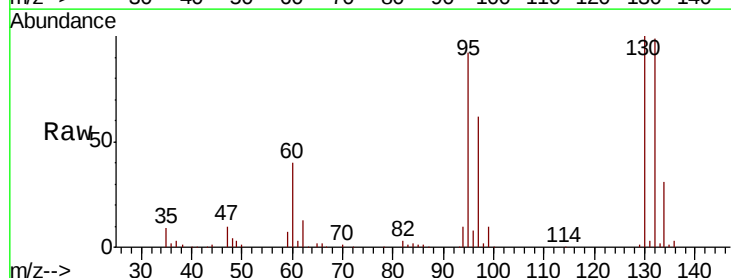
Manual Integrations  
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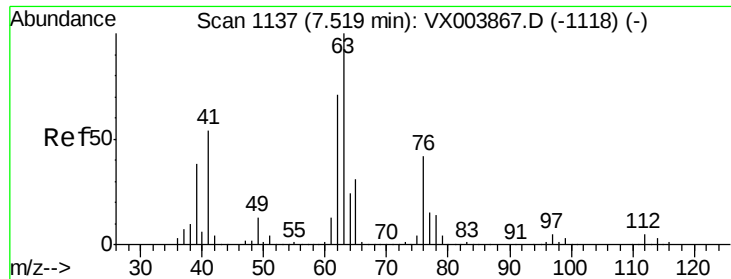
sam  
8/21/2018 4:31:31 PM



#44  
Trichloroethene  
Concen: 19.10 ug/l  
RT: 7.21 min Scan# 1087  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.5  | 0.0   | 199.4 |





#45

1,2-Dichloropropane

Concen: 19.17 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion: 63 Resp: 87029

Ion Ratio Lower Upper

63 100

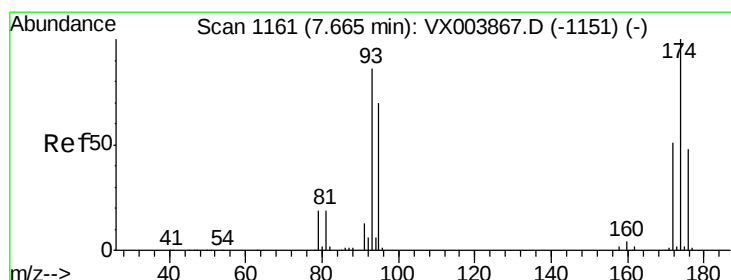
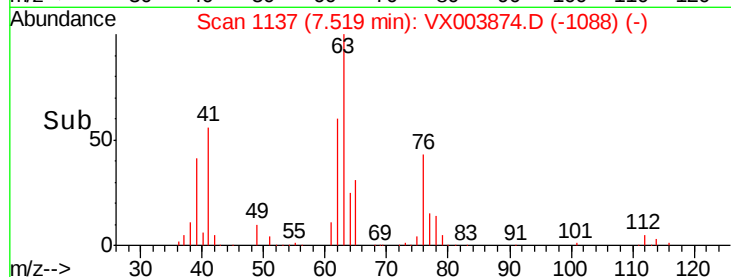
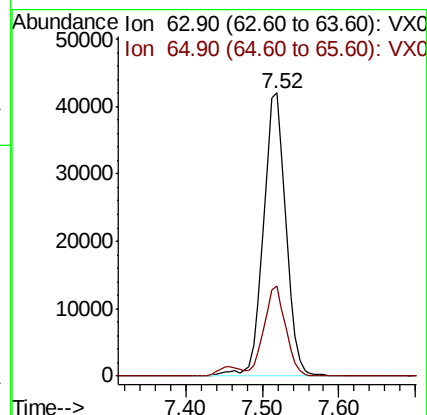
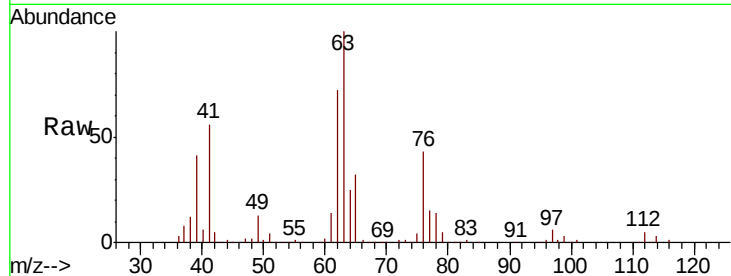
65 31.8 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 19.10 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

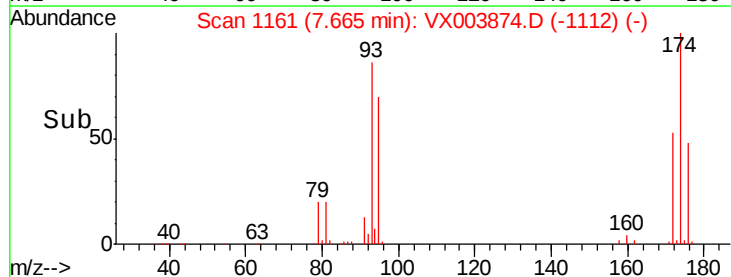
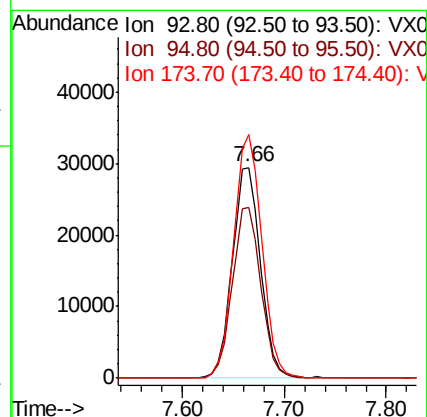
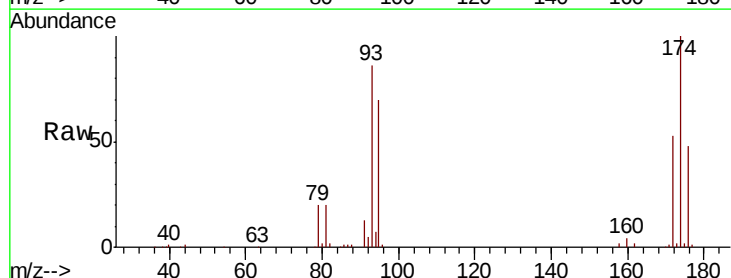
Tgt Ion: 93 Resp: 56283

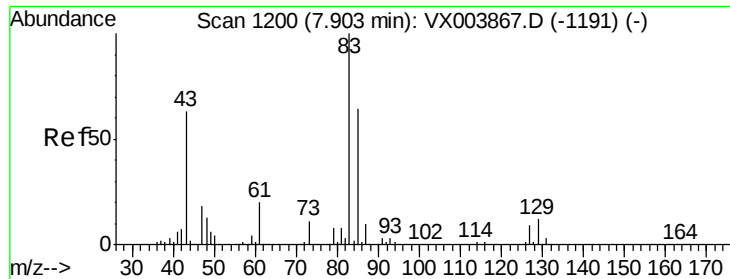
Ion Ratio Lower Upper

93 100

95 81.9 66.4 99.6

174 115.5 94.3 141.5





#47

Bromodichloromethane

Concen: 19.25 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

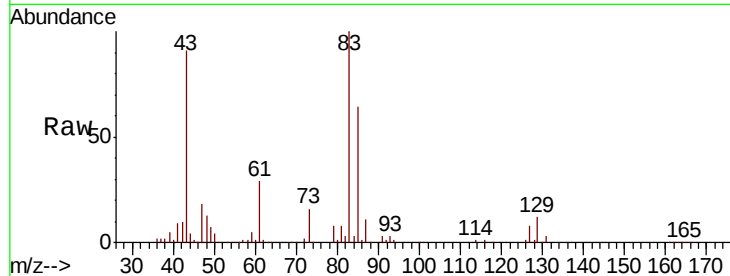
ClientSampleId :

VX0807WBS01

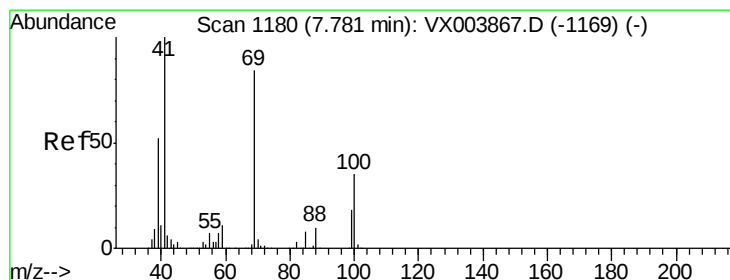
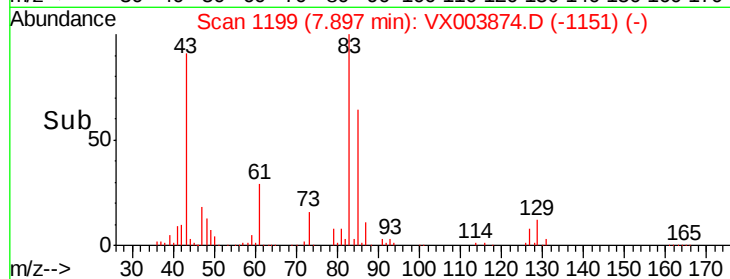
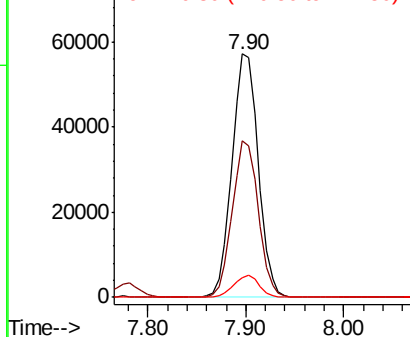
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 106886 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.4  | 51.2  | 76.8   |
| 127       | 8.0   | 7.2   | 10.8   |

Manual Integrations  
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sam  
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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.86 ug/l

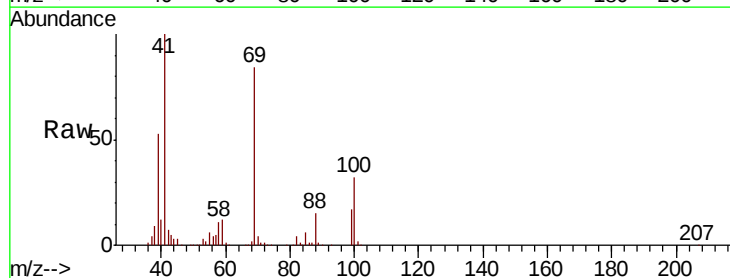
RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

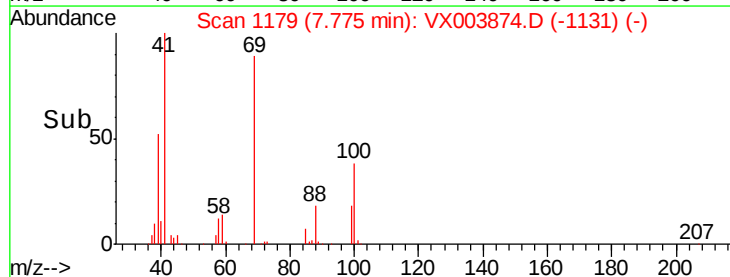
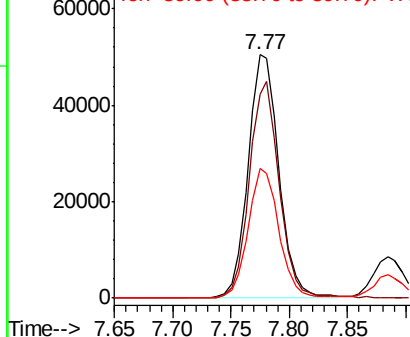
Lab File: VX003874.D

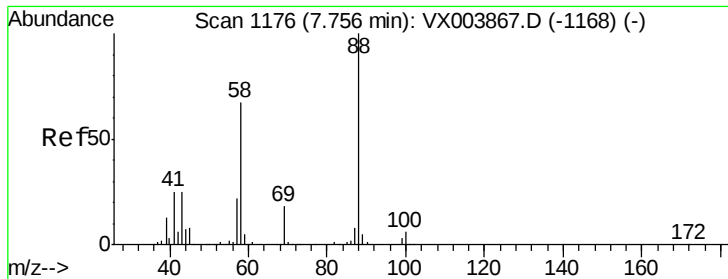
Acq: 07 Aug 2018 12:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 92910 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 86.8  | 68.8  | 103.2 |
| 39        | 53.2  | 42.3  | 63.5  |



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0





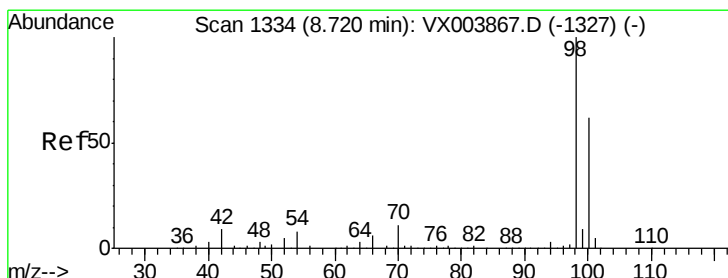
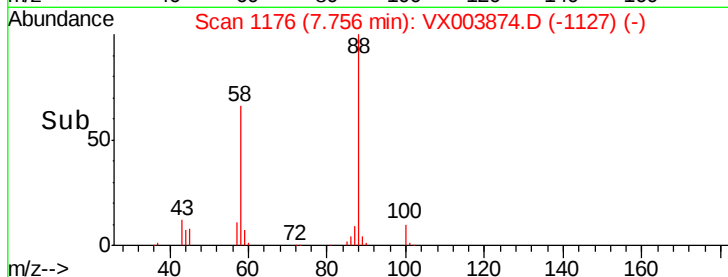
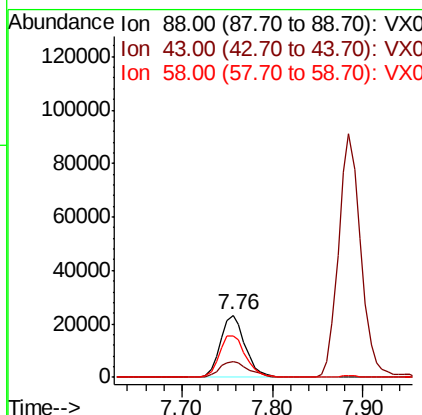
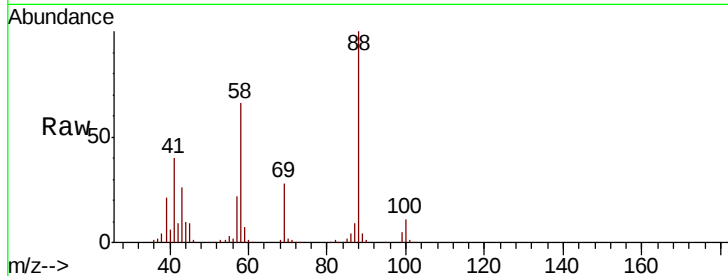
#49  
 1,4-Dioxane  
 Concen: 379.74 ug/l  
 RT: 7.76 min Scan# 1176  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 30.9  | 23.8  | 35.8  |
| 58      | 71.8  | 55.4  | 83.0  |

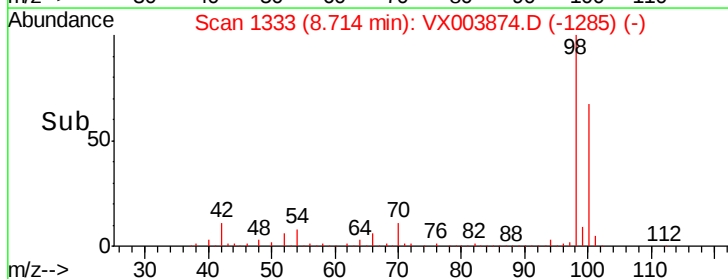
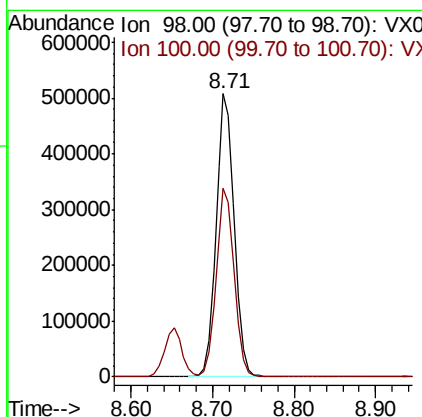
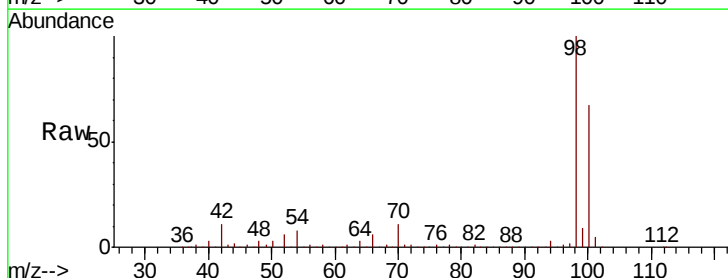
Manual Integrations  
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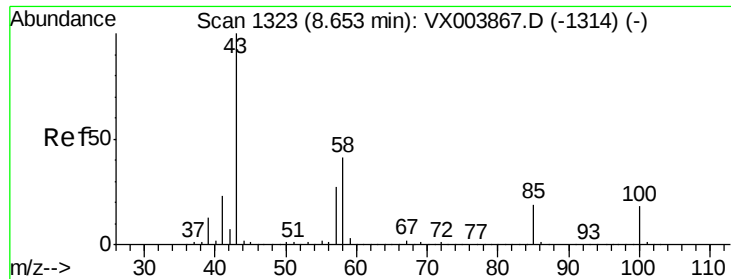
sam  
 8/21/2018 4:31:31 PM



#50  
 Toluene-d8  
 Concen: 51.20 ug/l  
 RT: 8.71 min Scan# 1333  
 Delta R.T. -0.01 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.4  | 53.3  | 79.9  |





#51

4-Methyl-2-Pentanone

Concen: 94.75 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampled :

VX0807WBS01

Tot Ion: 43 Resp: 760973

Ion Ratio Lower Upper

43 100

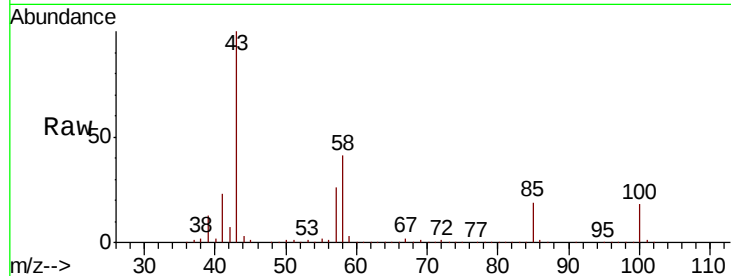
58 41.3 33.0 49.6

Manual Integrations

APPROVED

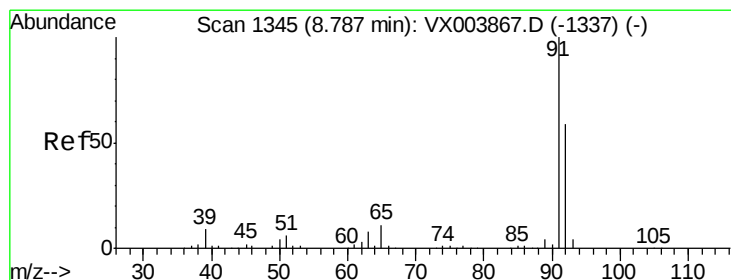
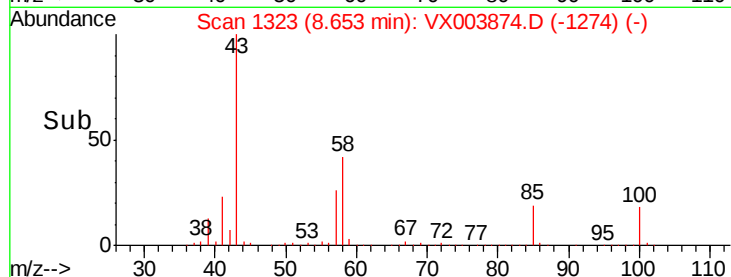
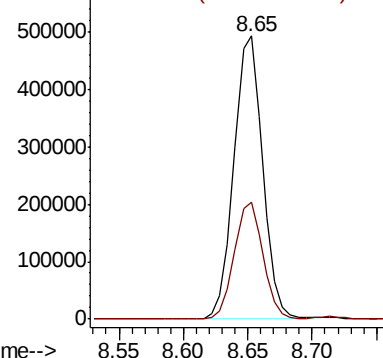
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.82 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003874.D

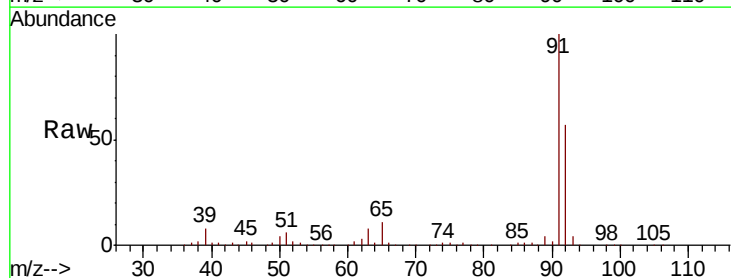
Acq: 07 Aug 2018 12:06

Tgt Ion: 92 Resp: 220078

Ion Ratio Lower Upper

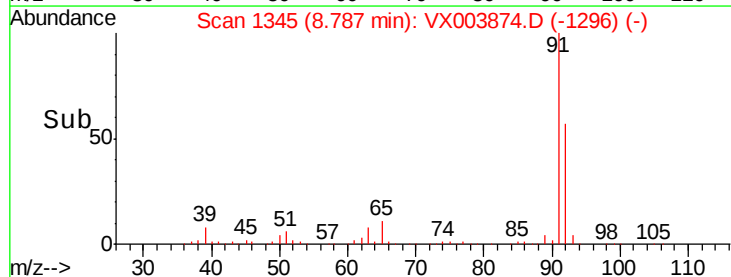
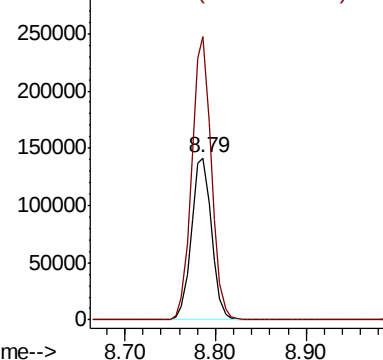
92 100

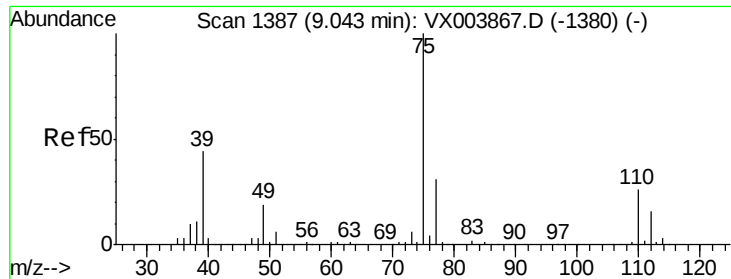
91 169.9 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





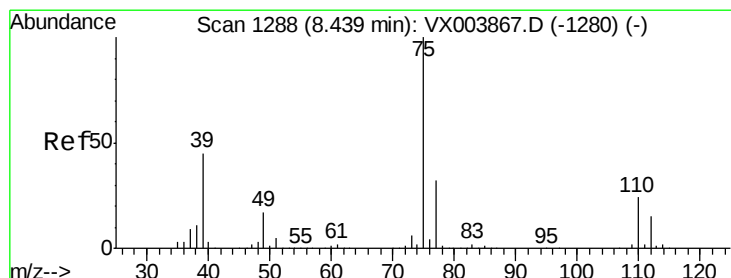
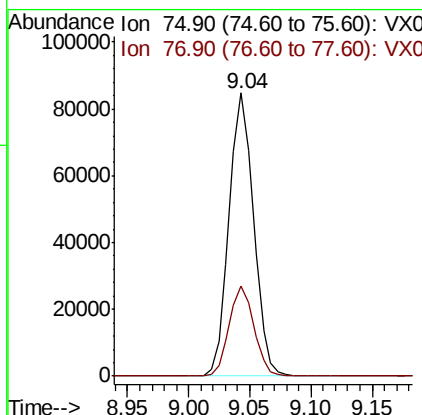
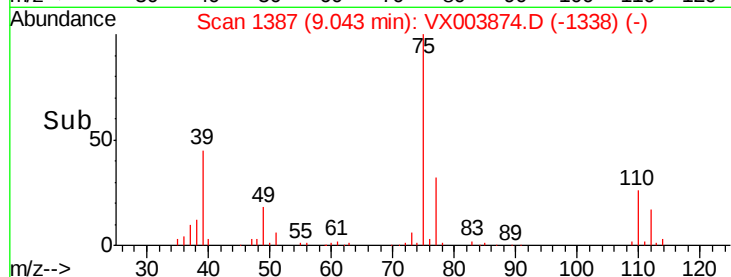
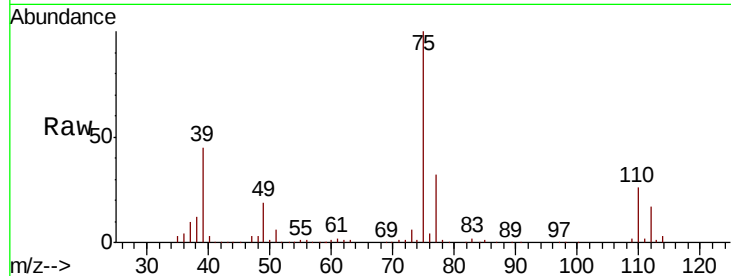
#53  
t-1,3-Dichloropropene  
Concen: 18.84 ug/l  
RT: 9.04 min Scan# 1387  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

Tot Ion: 75 Resp: 118218  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.1 37.7

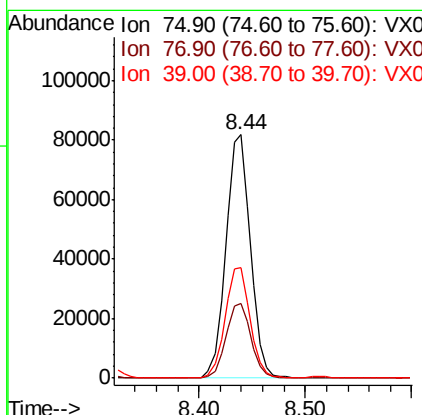
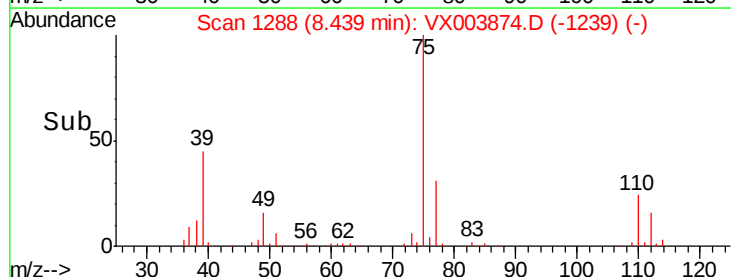
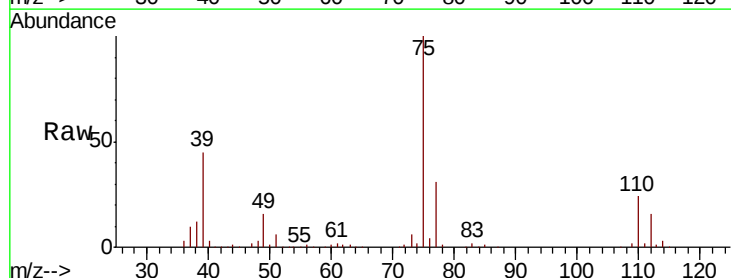
Manual Integrations  
APPROVED

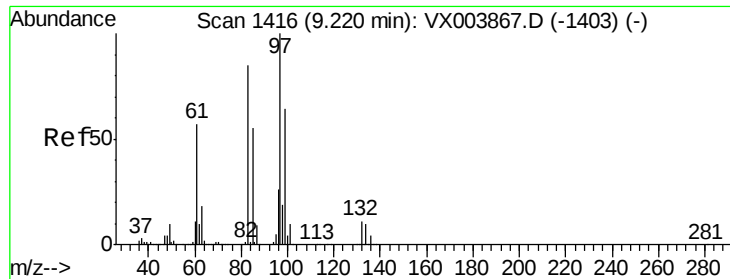
sam  
8/21/2018 4:31:31 PM



#54  
cis-1,3-Dichloropropene  
Concen: 19.45 ug/l  
RT: 8.44 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Tgt Ion: 75 Resp: 131581  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.3 37.9  
39 45.0 36.2 54.2





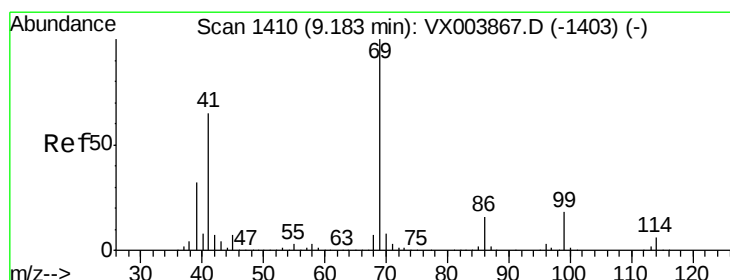
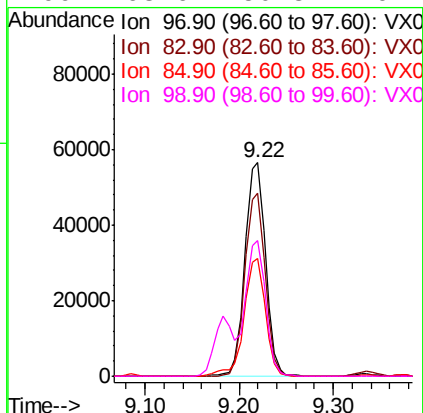
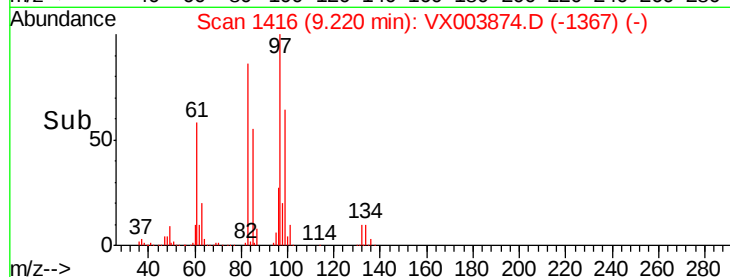
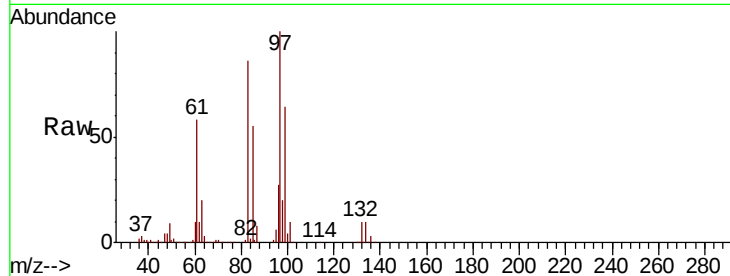
#55  
 1,1,2-Trichloroethane  
 Concen: 19.05 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 86470 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.9  | 67.8  | 101.6 |
| 85       | 54.9  | 44.2  | 66.2  |
| 99       | 63.6  | 50.8  | 76.2  |

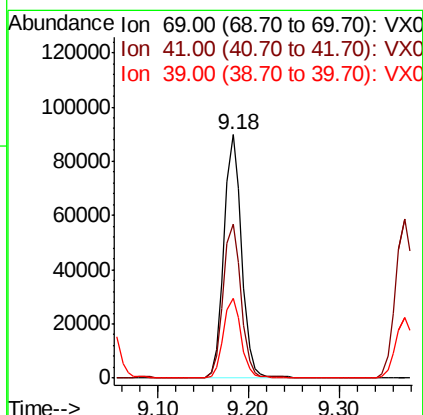
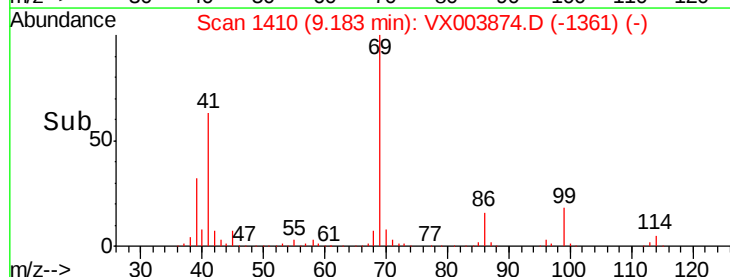
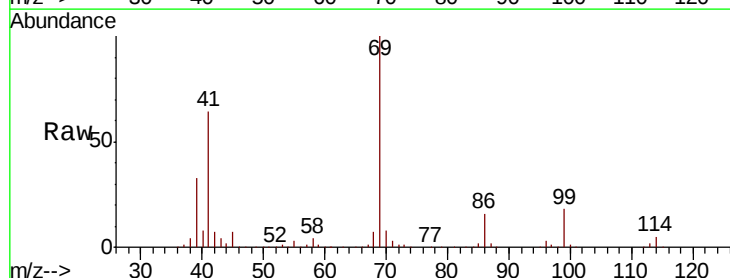
Manual Integrations  
 APPROVED

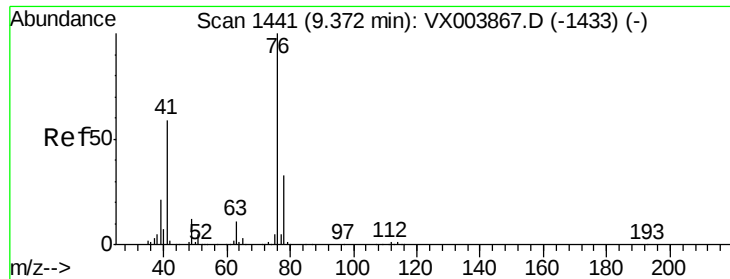
sam  
 8/21/2018 4:31:31 PM



#56  
 Ethyl methacrylate  
 Concen: 18.57 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 122279 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.3  | 50.6  | 76.0   |
| 39       | 32.7  | 25.8  | 38.6   |





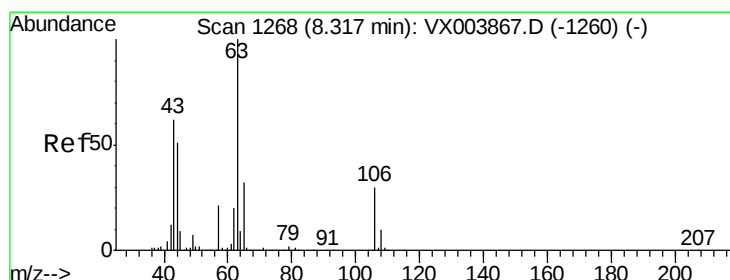
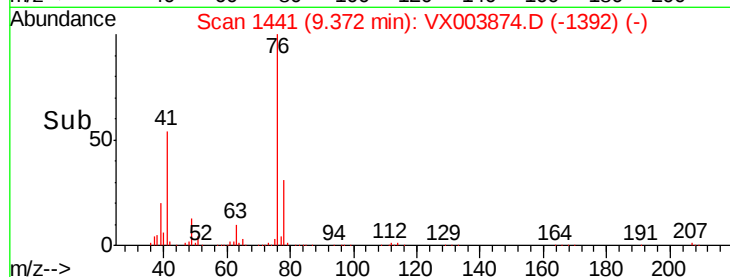
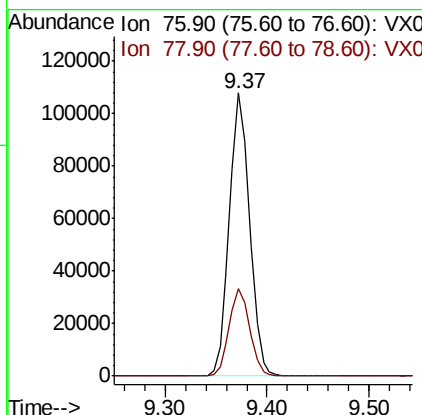
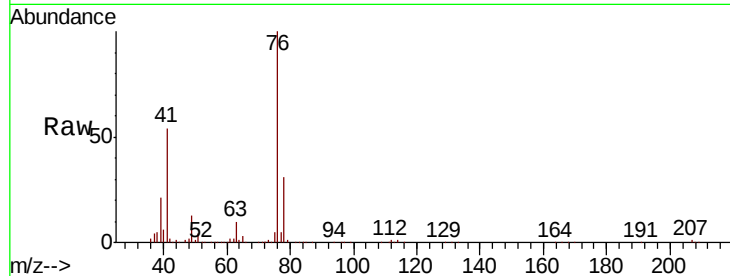
#57  
 1,3-Dichloropropane  
 Concen: 19.59 ug/l  
 RT: 9.37 min Scan# 1441  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBS01

Tot Ion: 76 Resp: 148779  
 Ion Ratio Lower Upper  
 76 100  
 78 31.3 25.9 38.9

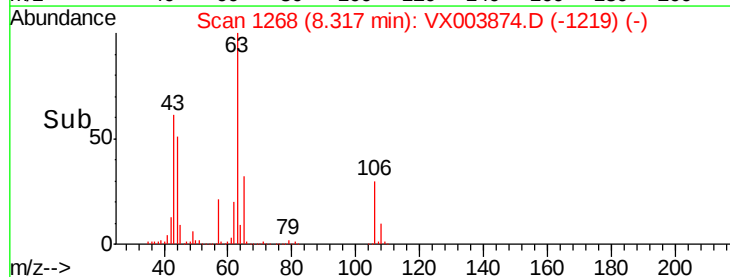
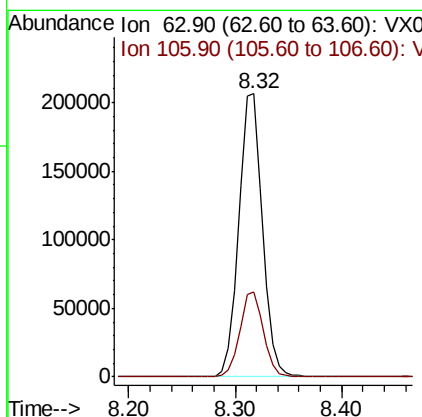
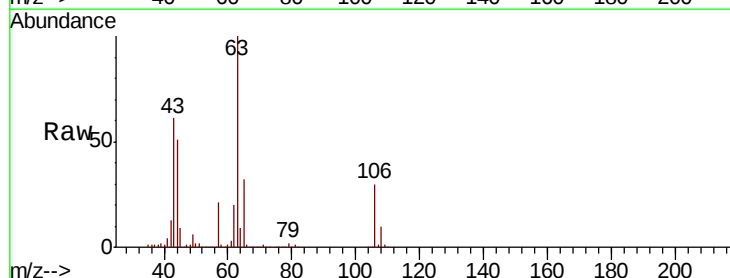
Manual Integrations  
 APPROVED

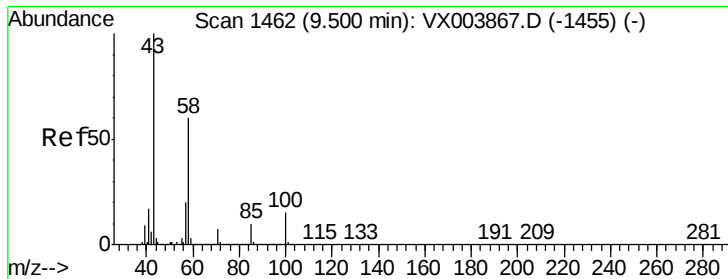
Sam  
 8/21/2018 4:31:31 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 99.79 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Tgt Ion: 63 Resp: 323095  
 Ion Ratio Lower Upper  
 63 100  
 106 29.8 23.8 35.8





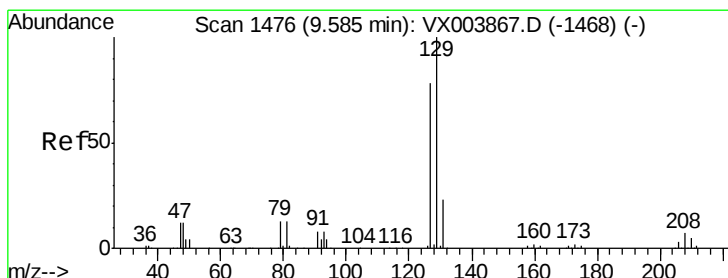
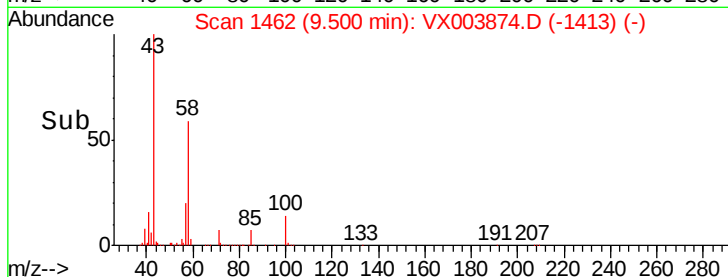
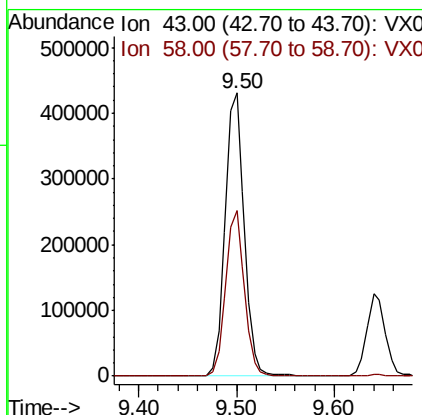
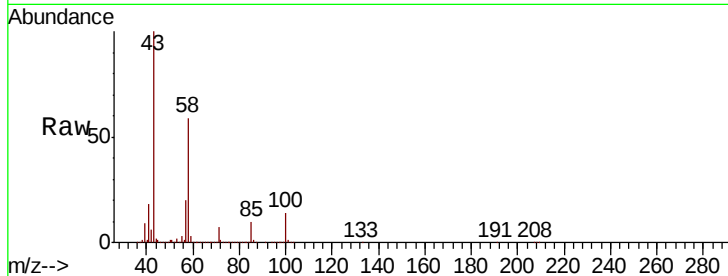
#59  
2-Hexanone  
Concen: 97.17 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0807WBS01

Tot Ion: 43 Resp: 583352  
Ion Ratio Lower Upper  
43 100  
58 57.4 29.0 87.0

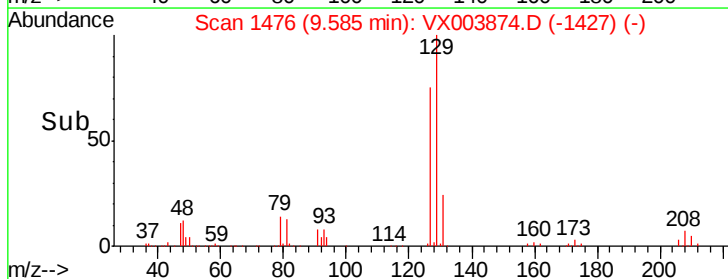
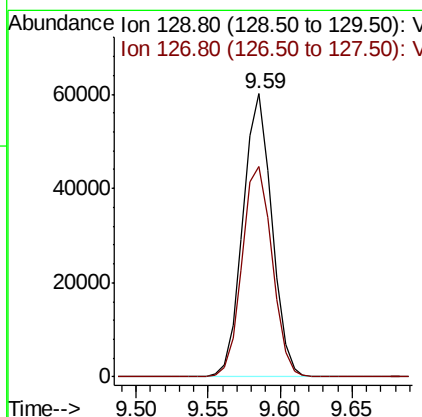
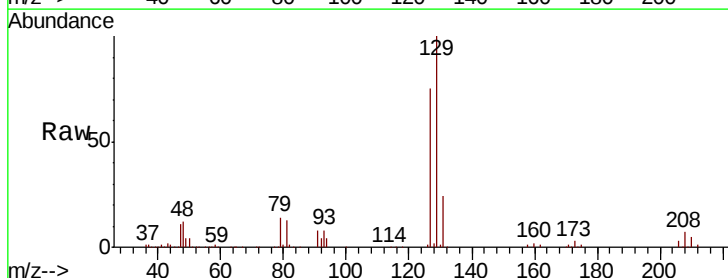
Manual Integrations  
APPROVED

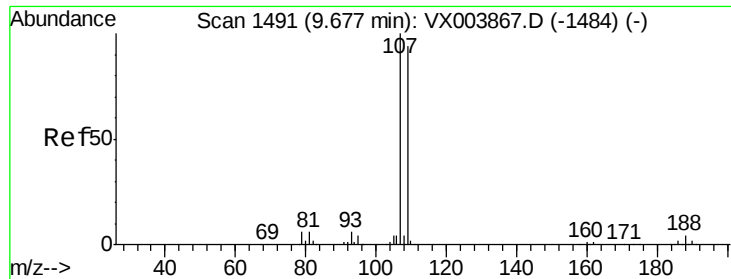
sam  
8/21/2018 4:31:31 PM



#60  
Dibromochloromethane  
Concen: 19.79 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Tgt Ion: 129 Resp: 83742  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.91 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion:107 Resp: 90486

Ion Ratio Lower Upper

107 100

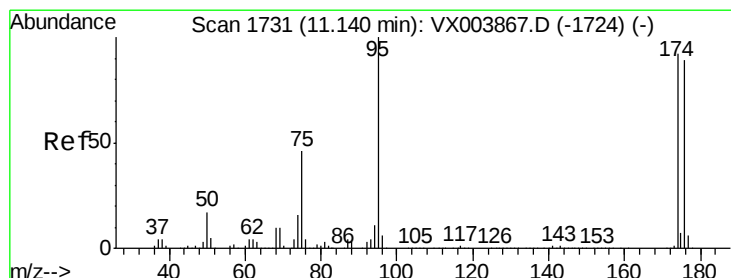
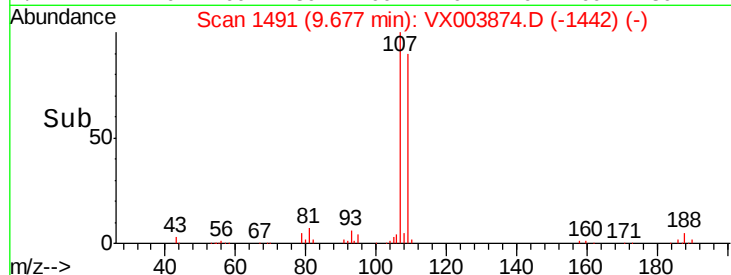
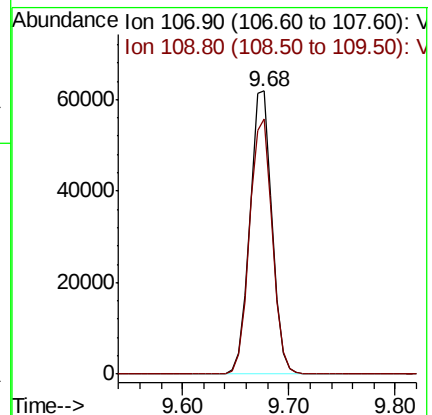
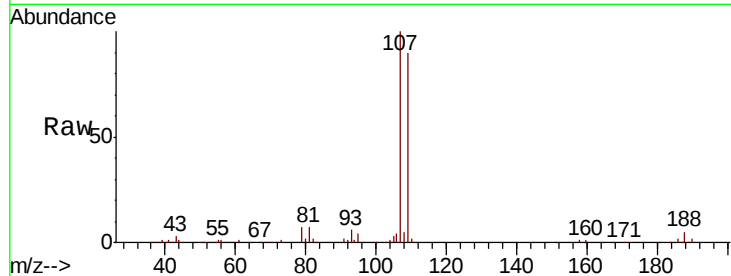
109 92.4 75.8 113.8

Manual Integrations

APPROVED

sam

8/21/2018 4:31:31 PM



#62

4-Bromofluorobenzene

Concen: 55.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

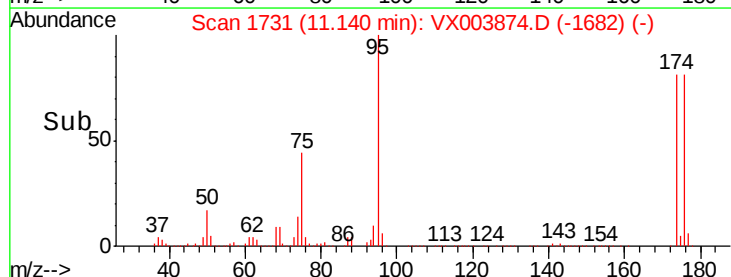
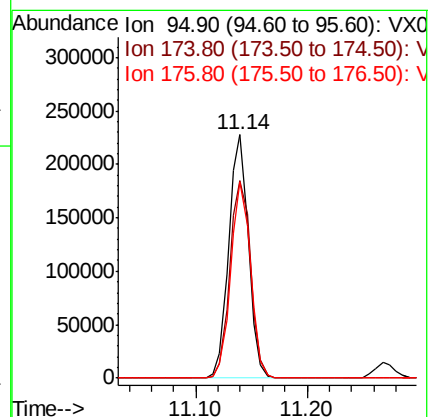
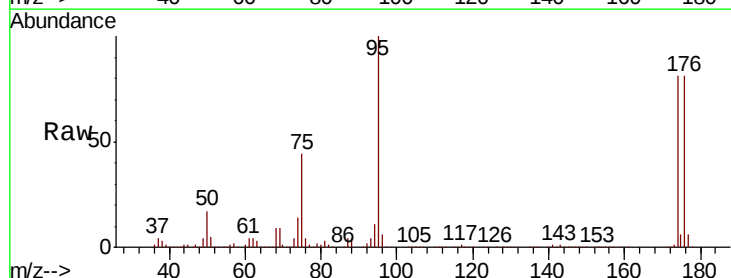
Tgt Ion: 95 Resp: 277266

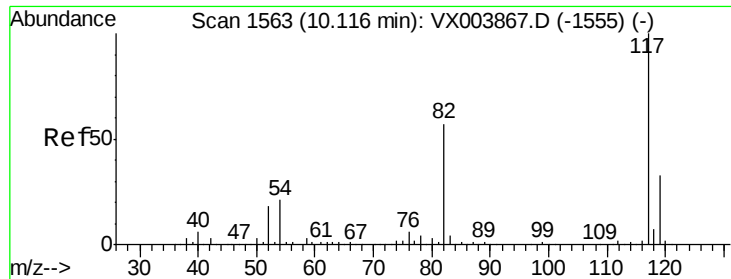
Ion Ratio Lower Upper

95 100

174 86.2 0.0 182.8

176 81.7 0.0 179.0





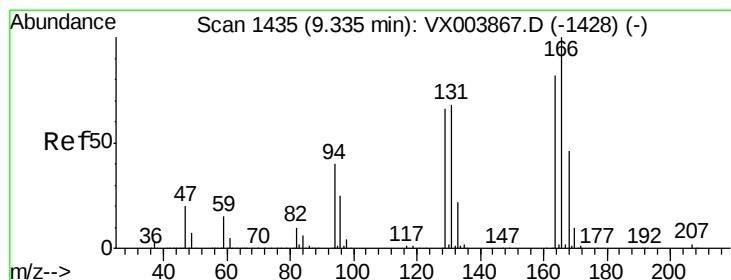
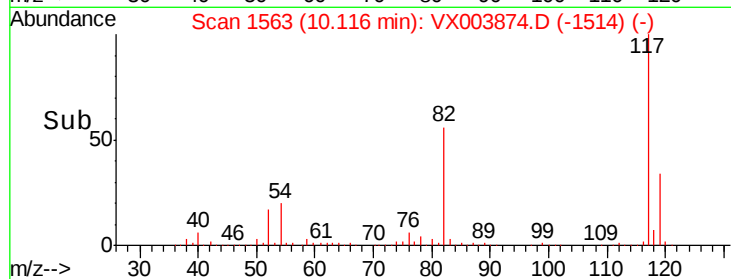
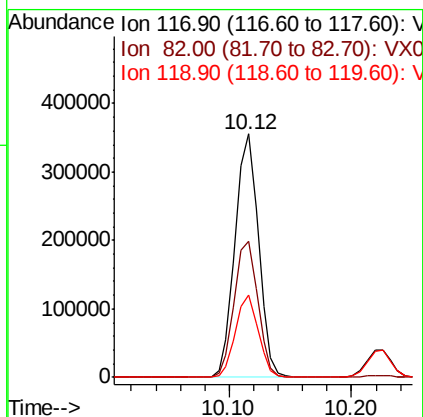
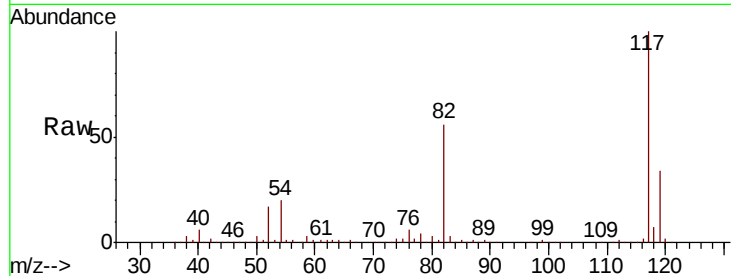
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.8  | 45.4  | 68.0  |
| 119     | 34.0  | 26.6  | 40.0  |

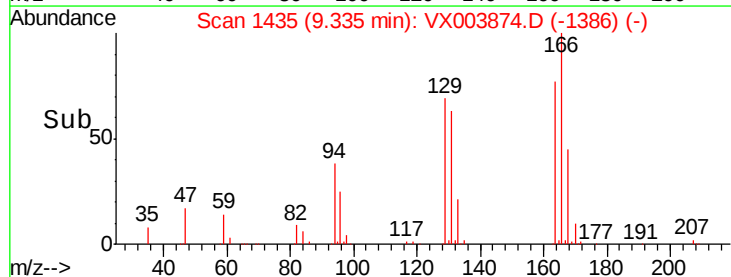
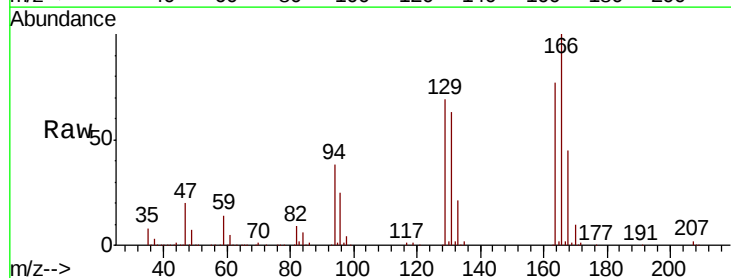
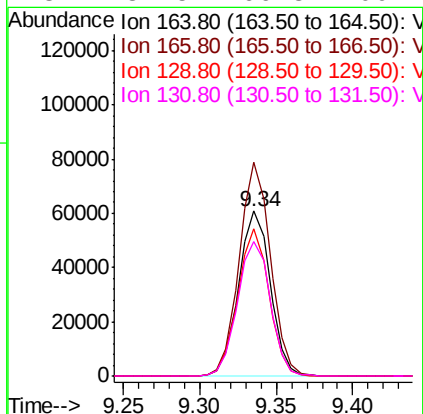
Manual Integrations  
APPROVED

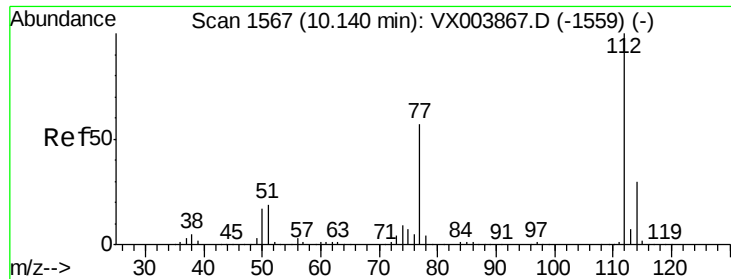
sam  
8/21/2018 4:31:31 PM



#64  
Tetrachloroethene  
Concen: 18.85 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.6 | 98.0  | 147.0 |
| 129     | 89.7  | 64.3  | 96.5  |
| 131     | 81.5  | 66.8  | 100.2 |





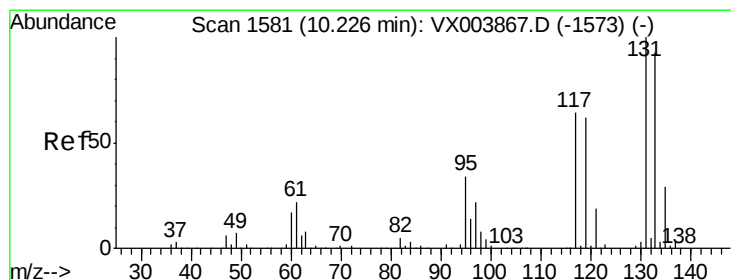
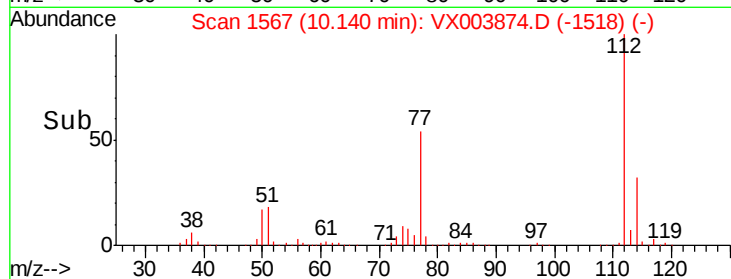
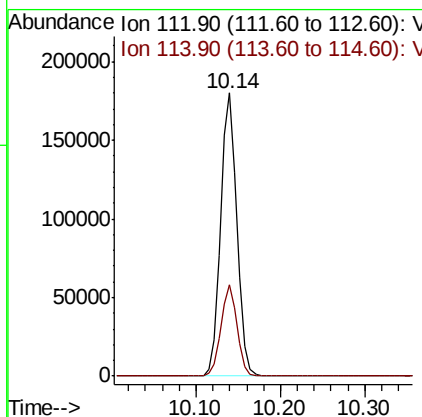
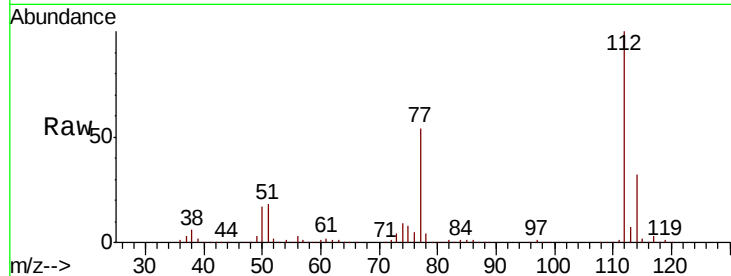
#65  
Chlorobenzene  
Concen: 19.65 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

Tot Ion:112 Resp: 241397  
Ion Ratio Lower Upper  
112 100  
114 32.4 23.6 35.4

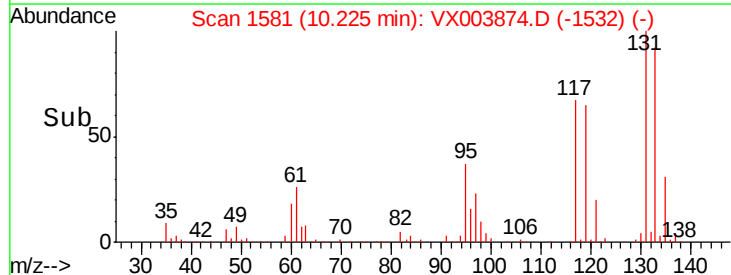
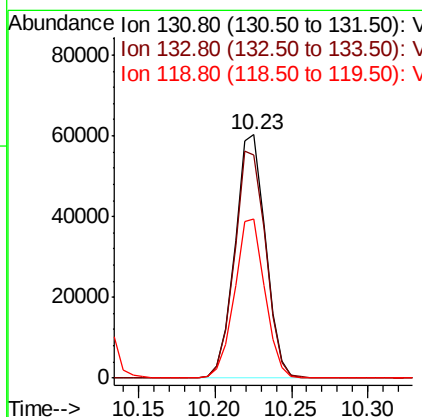
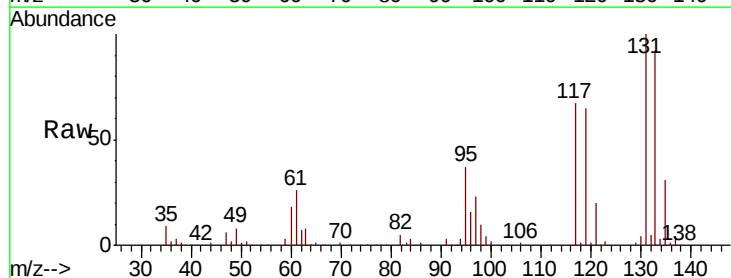
Manual Integrations  
APPROVED

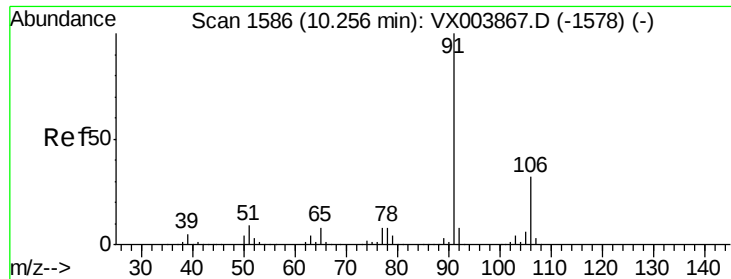
sam  
8/21/2018 4:31:31 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.79 ug/l  
RT: 10.23 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Tgt Ion:131 Resp: 83564  
Ion Ratio Lower Upper  
131 100  
133 95.3 47.3 141.8  
119 65.0 31.6 94.8





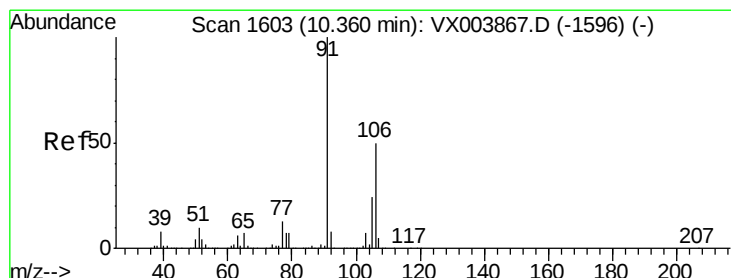
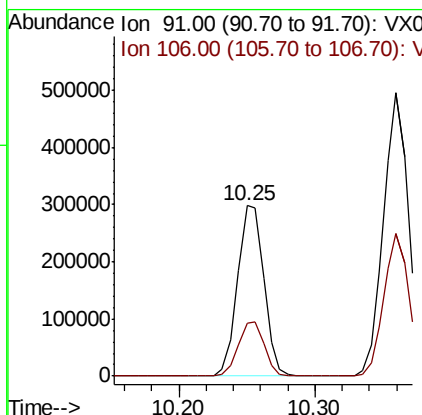
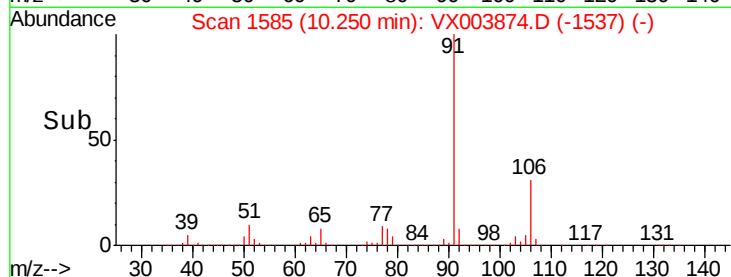
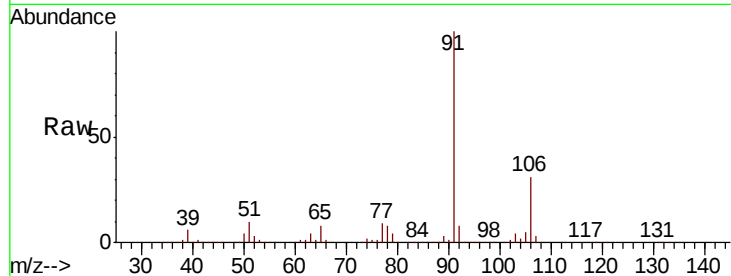
#67  
Ethyl Benzene  
Concen: 20.02 ug/l  
RT: 10.25 min Scan# 1585  
Delta R.T. -0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0807WBS01

Tot Ion: 91 Resp: 402577  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.9 38.9

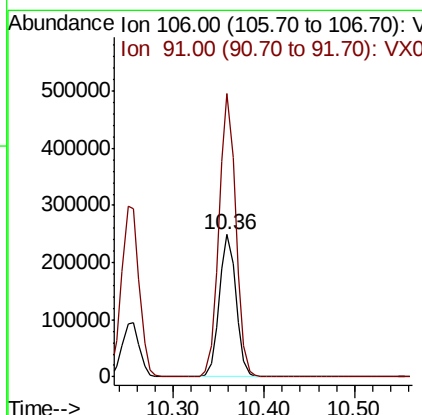
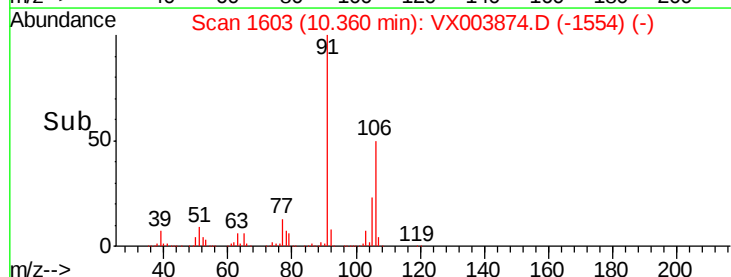
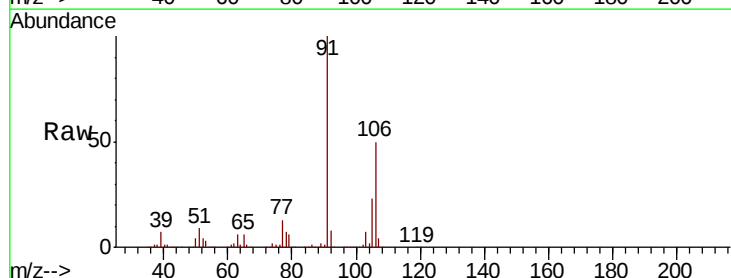
Manual Integrations  
APPROVED

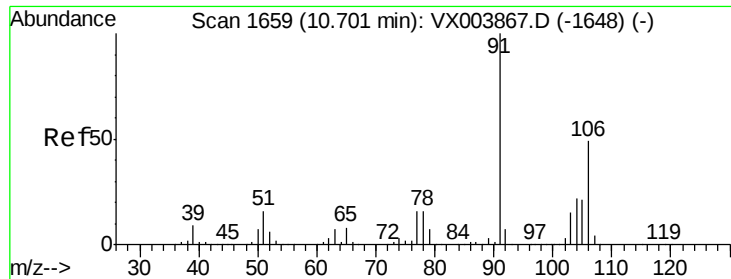
sam  
8/21/2018 4:31:31 PM



#68  
m/p-Xylenes  
Concen: 41.14 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Tgt Ion: 106 Resp: 323242  
Ion Ratio Lower Upper  
106 100  
91 198.9 162.3 243.5





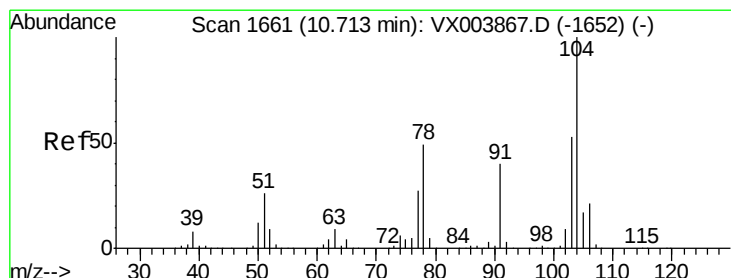
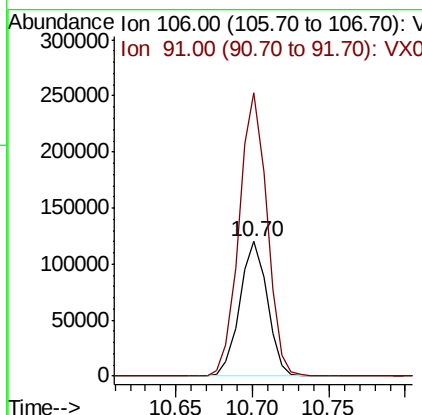
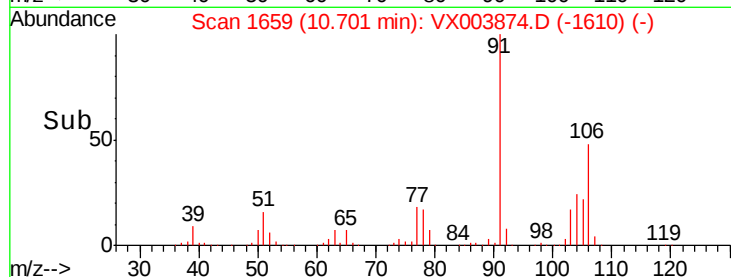
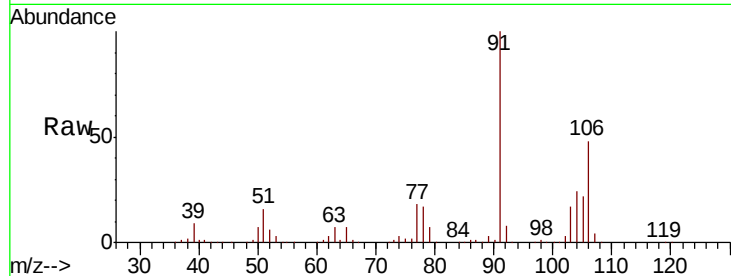
#69  
o-Xylene  
Concen: 20.36 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

Tot Ion:106 Resp: 151013  
Ion Ratio Lower Upper  
106 100  
91 211.7 101.9 305.7

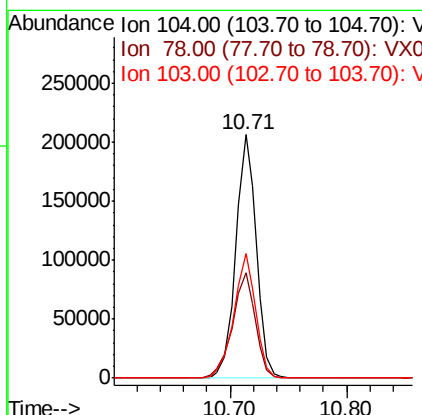
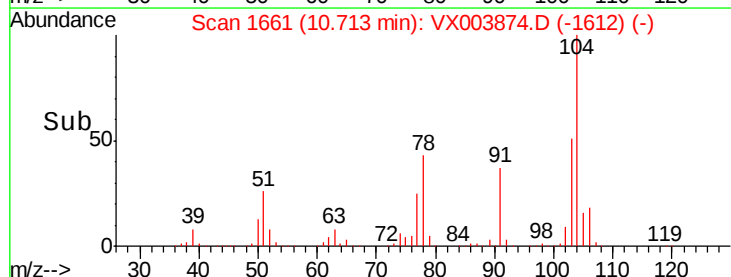
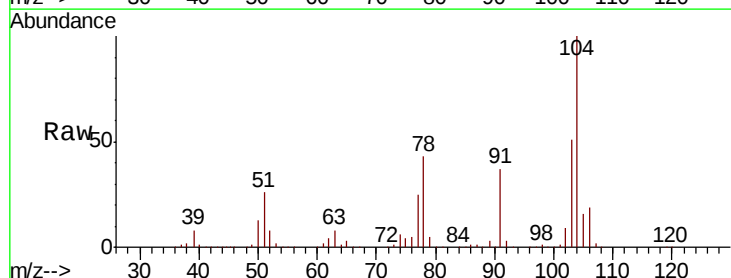
Manual Integrations  
APPROVED

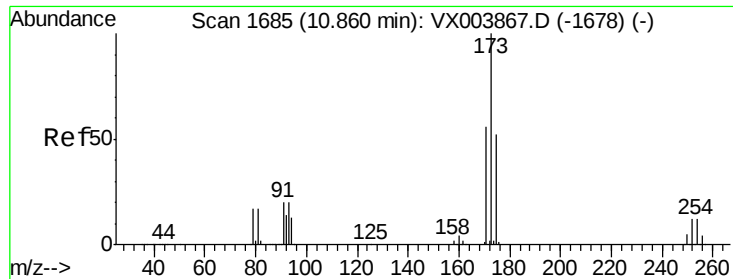
sam  
8/21/2018 4:31:31 PM



#70  
Styrene  
Concen: 20.89 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Tgt Ion:104 Resp: 253662  
Ion Ratio Lower Upper  
104 100  
78 48.0 39.8 59.6  
103 54.8 44.3 66.5





#71

Bromoform

Concen: 18.77 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion:173 Resp: 60276

Ion Ratio Lower Upper

173 100

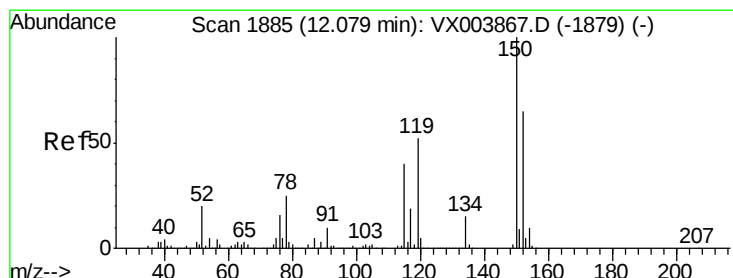
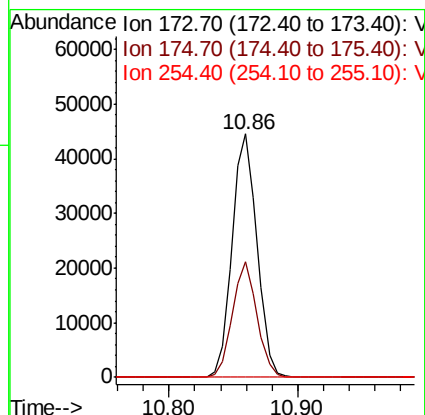
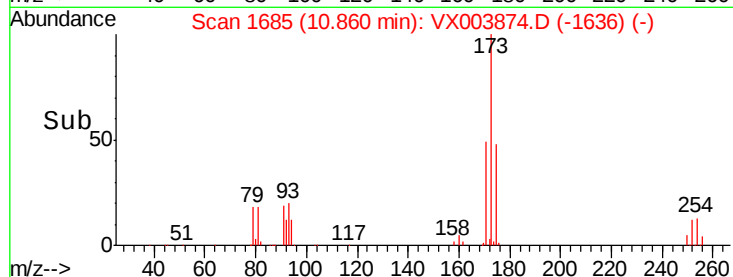
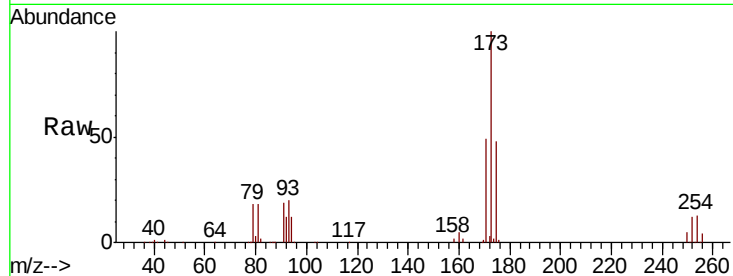
175 46.7 24.9 74.7

254 0.0 0.2 0.2#

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

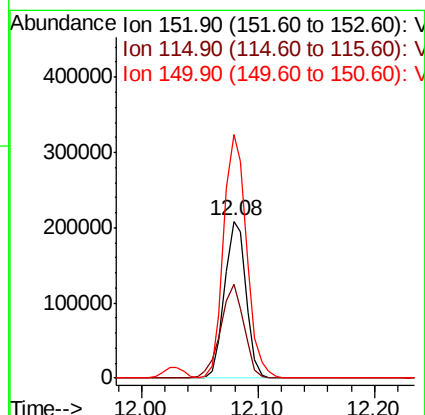
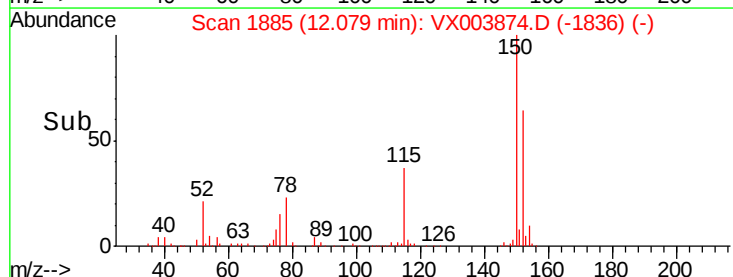
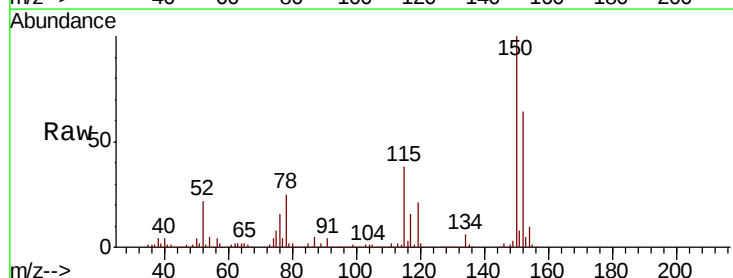
Tgt Ion:152 Resp: 264755

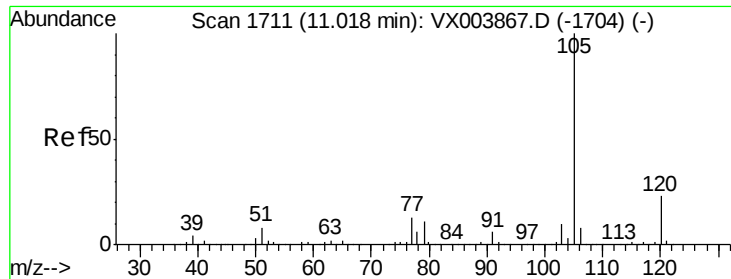
Ion Ratio Lower Upper

152 100

115 65.1 39.1 117.3

150 166.1 0.0 349.2





#73

Isopropylbenzene

Concen: 19.59 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion:105 Resp: 383719

Ion Ratio Lower Upper

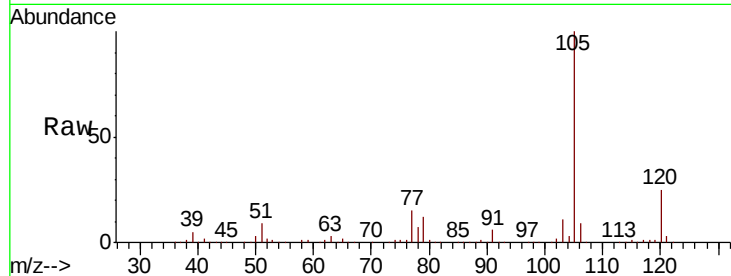
105 100

120 26.8 12.6 37.8

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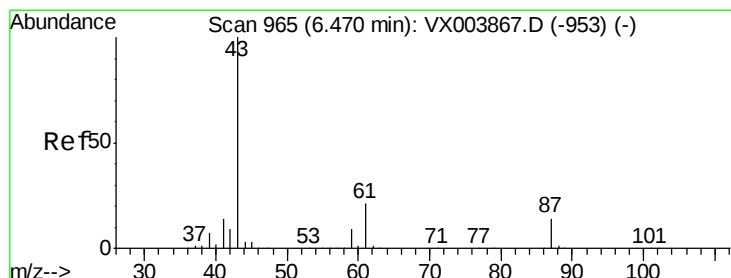
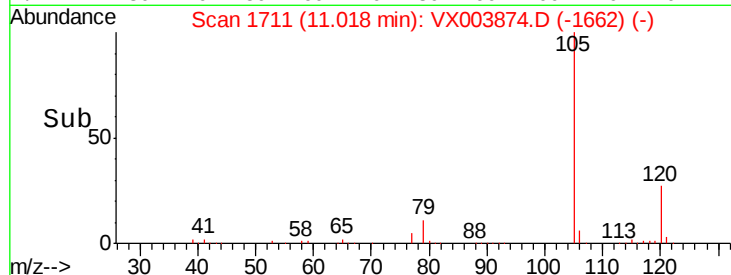
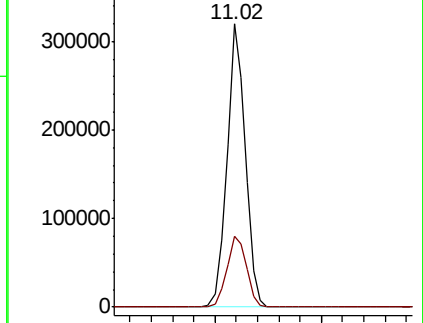
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.67 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Tgt Ion: 43 Resp: 179926

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

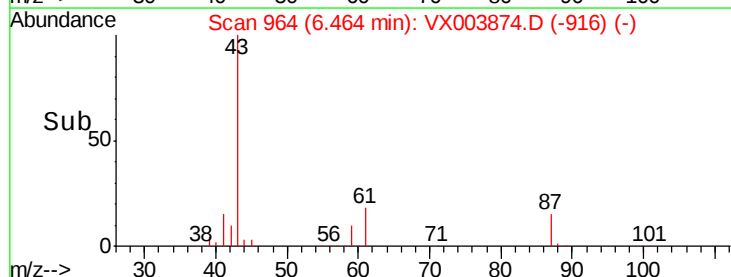
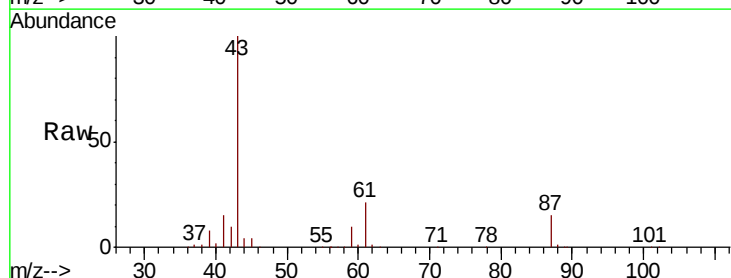
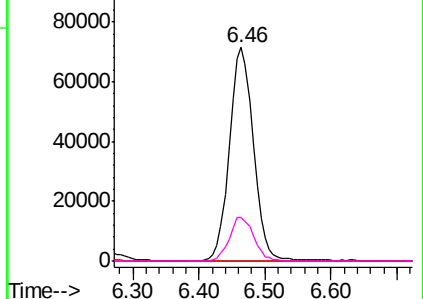
61 20.8 16.9 25.3

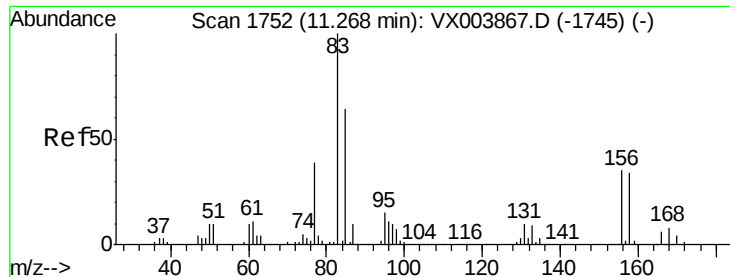
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.33 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampled :

VX0807WBS01

Tot Ion: 83 Resp: 129735

Ion Ratio Lower Upper

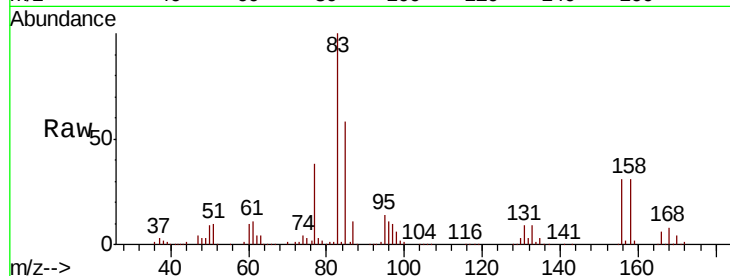
83 100

131 9.7 5.2 15.6

85 59.7 32.2 96.6

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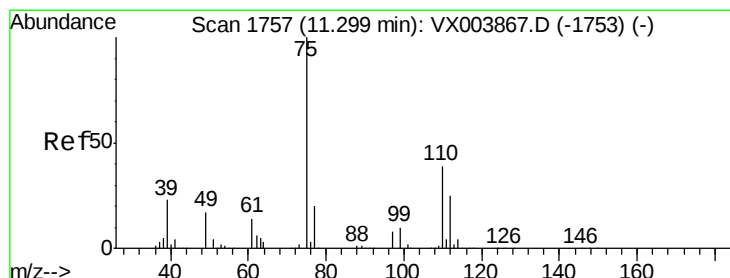
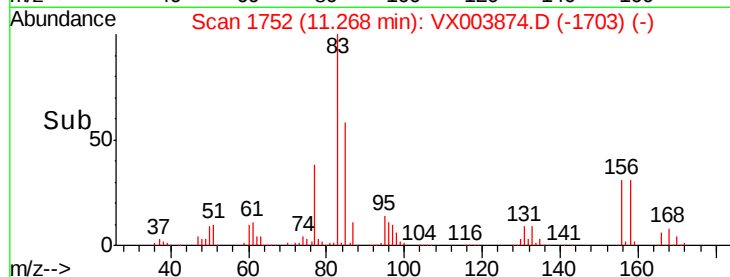
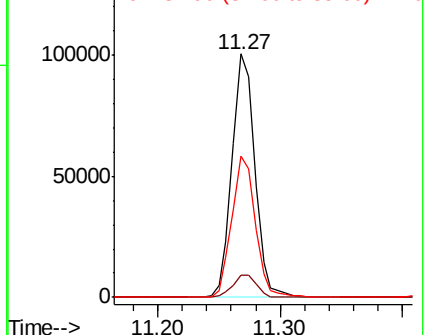
sam  
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.06 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003874.D

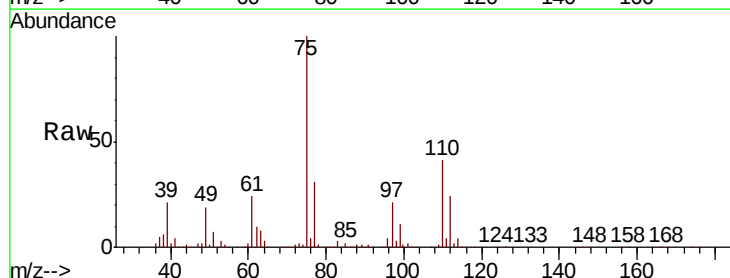
Acq: 07 Aug 2018 12:06

Tgt Ion: 75 Resp: 111474

Ion Ratio Lower Upper

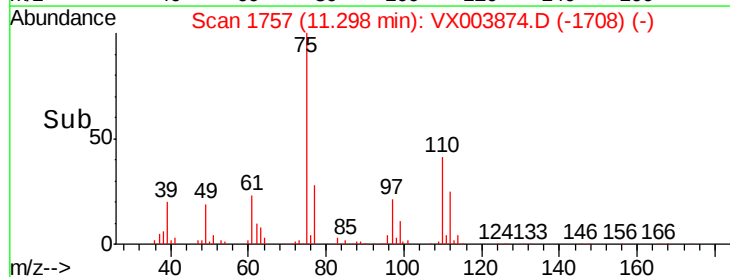
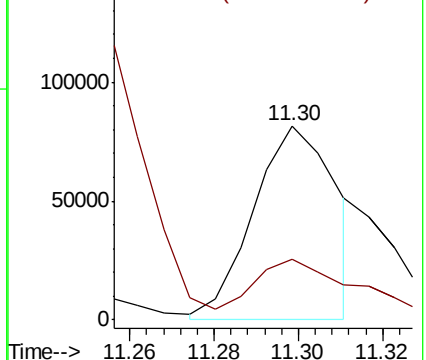
75 100

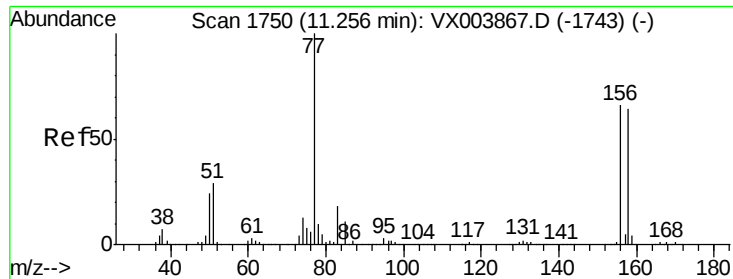
77 39.5 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.81 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

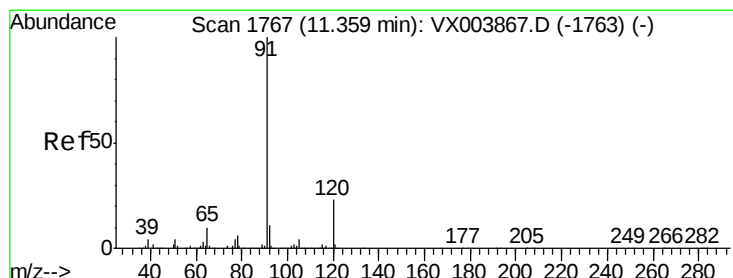
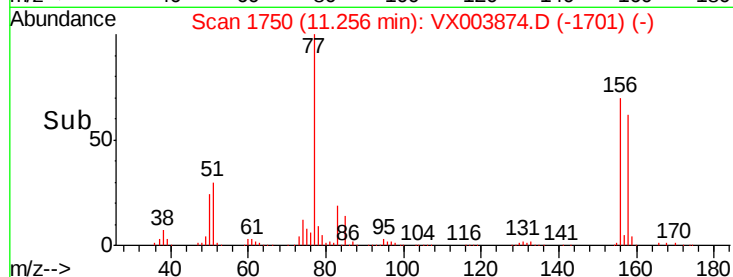
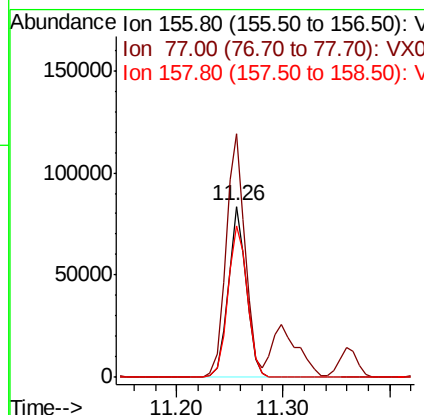
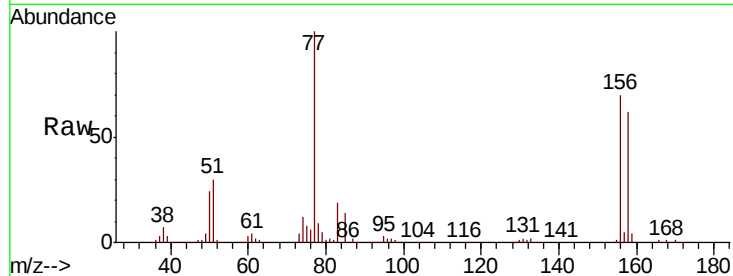
ClientSampleId :

VX0807WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 156   | Resp: | 98292 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 150.4 | 74.1  | 222.2 |
| 158      | 95.9  | 48.6  | 145.9 |

Manual Integrations  
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sam  
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#78

n-propylbenzene

Concen: 20.49 ug/l

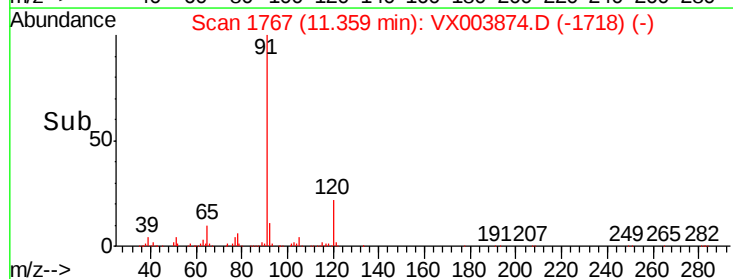
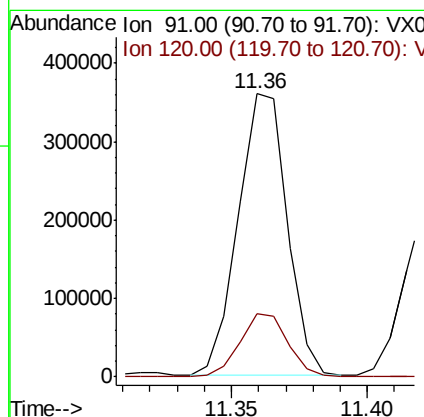
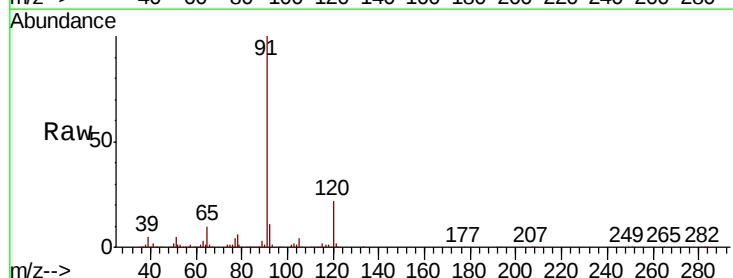
RT: 11.36 min Scan# 1767

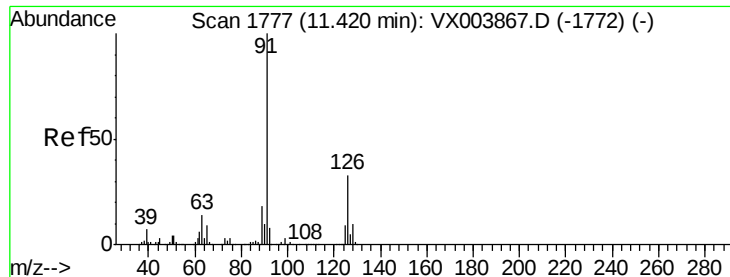
Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 450614 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 22.1  | 11.9  | 35.5   |





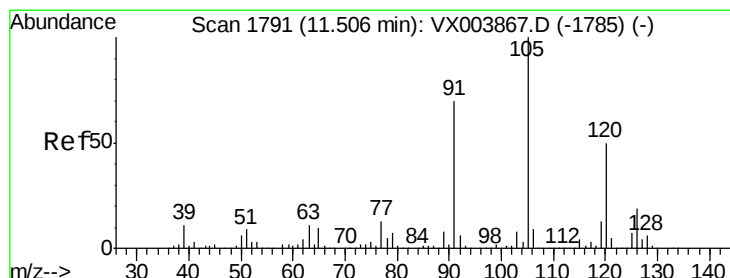
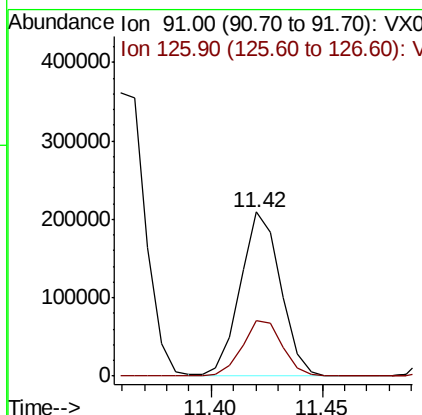
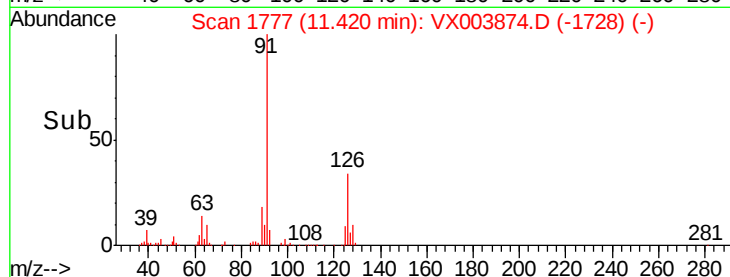
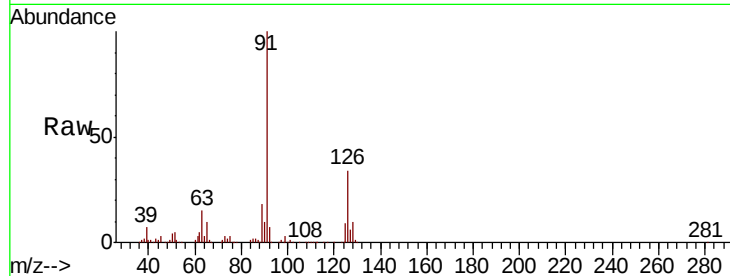
#79  
 2-Chlorotoluene  
 Concen: 19.68 ug/l  
 RT: 11.42 min Scan# 1777  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 126     | 34.0 | 17.4  | 52.3  |       |

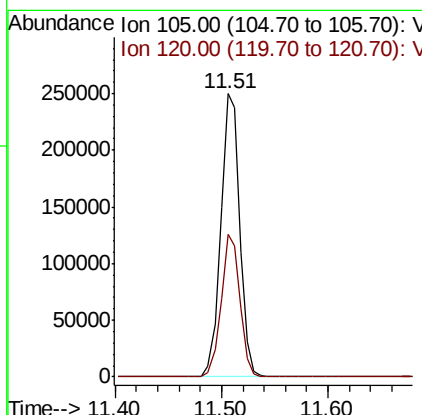
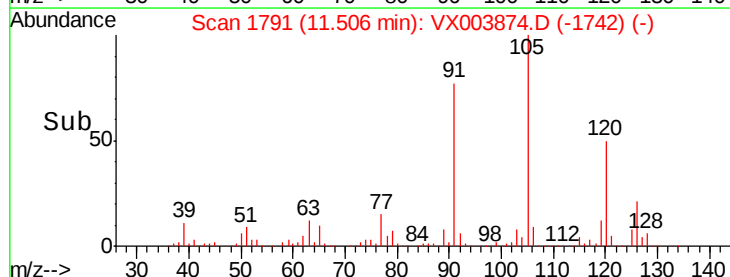
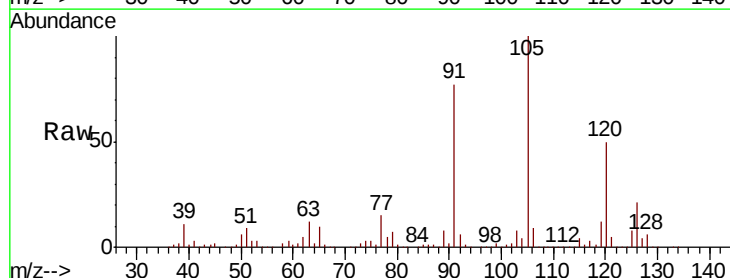
Manual Integrations  
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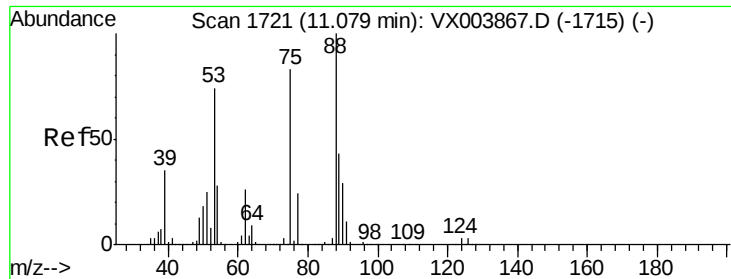
sam  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.30 ug/l  
 RT: 11.51 min Scan# 1791  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 105     | 100  |       |       |       |
| 120     | 50.0 | 25.4  | 76.2  |       |





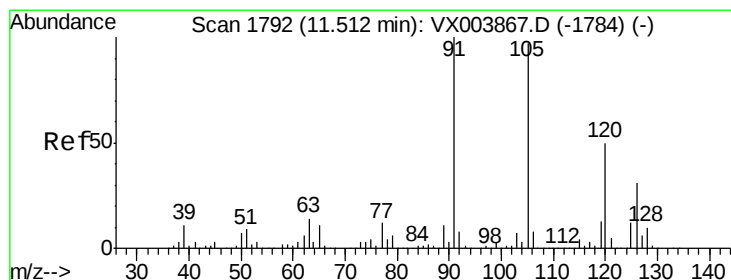
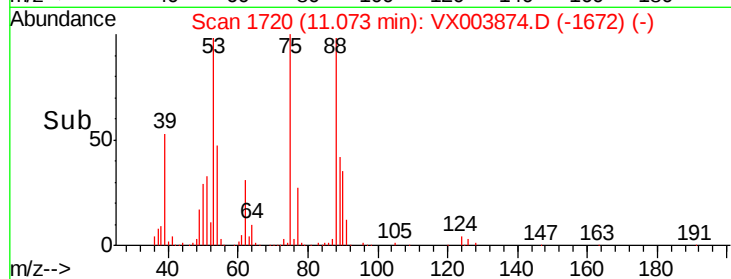
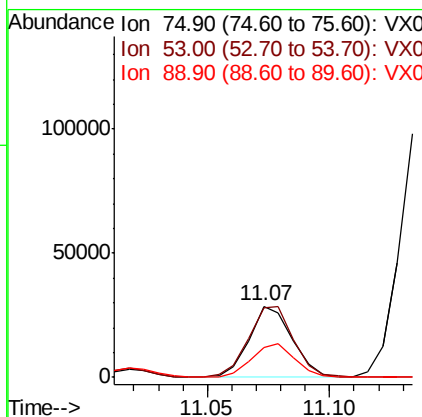
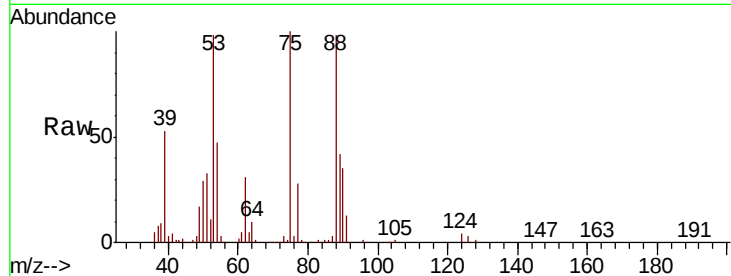
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.57 ug/l  
RT: 11.07 min Scan# 1720  
Delta R.T. -0.01 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 106.5 | 80.3  | 120.5 |
| 89      | 48.6  | 37.8  | 56.8  |

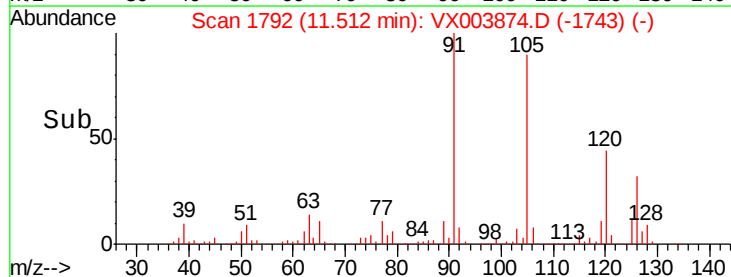
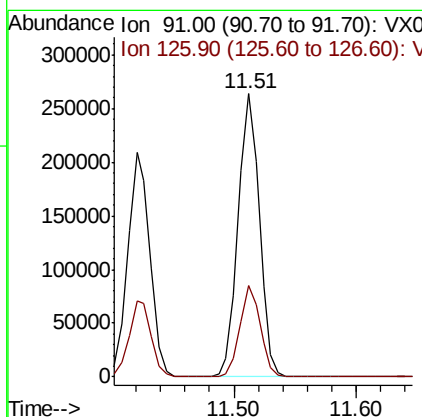
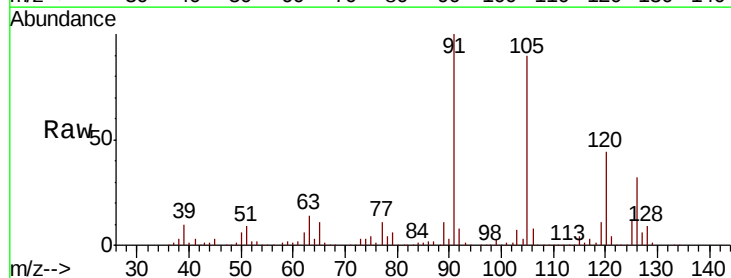
Manual Integrations  
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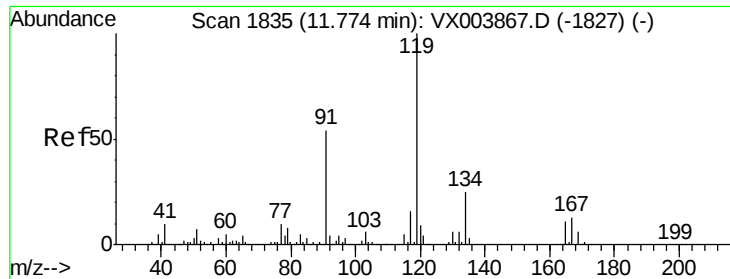
sam  
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#82  
4-Chlorotoluene  
Concen: 20.09 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.9  | 15.6  | 46.7  |





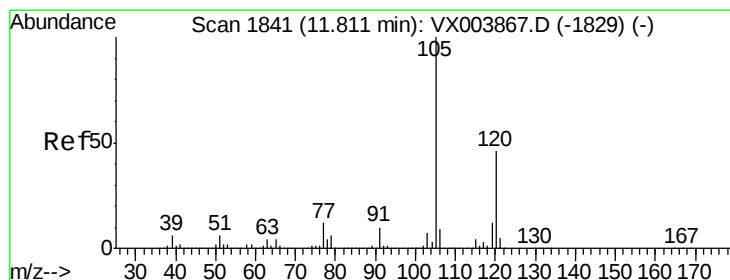
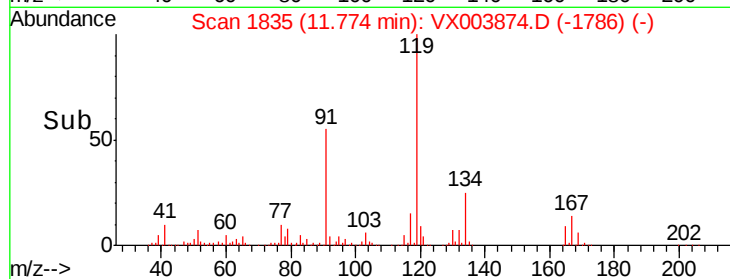
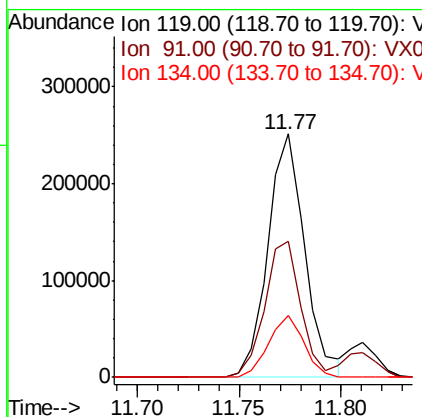
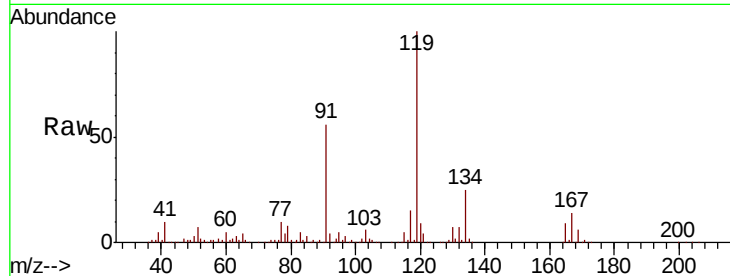
#83  
 tert-Butylbenzene  
 Concen: 20.22 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 317660 |       |       |
| 91      | 54.2  | 26.9   | 80.7  |       |
| 134     | 24.4  | 12.0   | 36.0  |       |

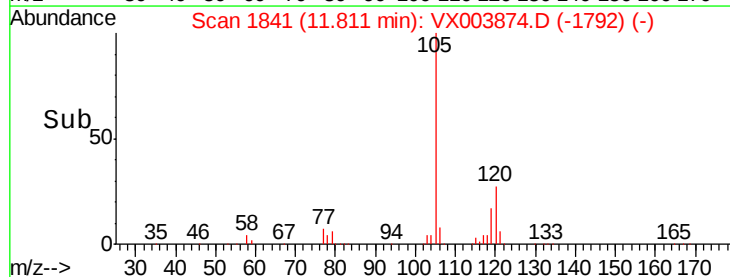
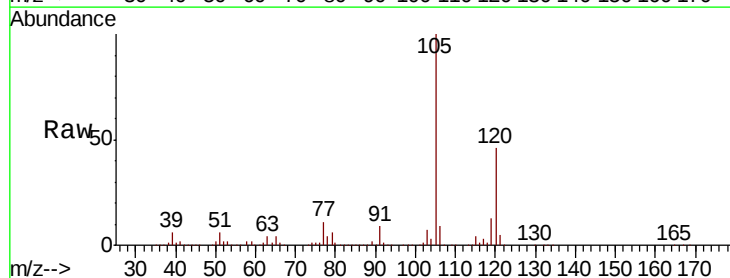
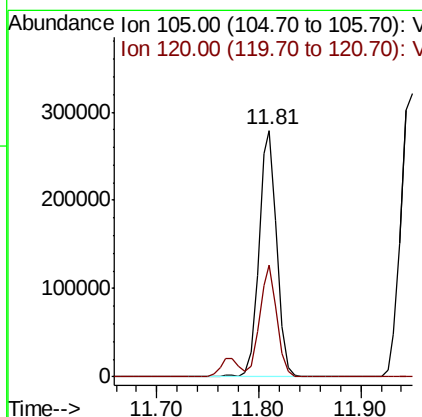
Manual Integrations  
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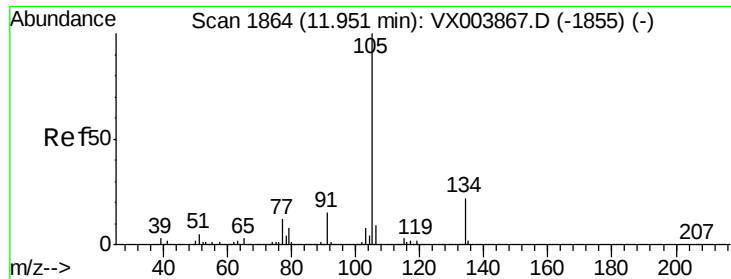
sam  
 8/21/2018 4:31:31 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.32 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 342410 |       |       |
| 120     | 43.7  | 23.1   | 69.2  |       |





#85

sec-Butylbenzene

Concen: 21.09 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

ClientSampleId :

VX0807WBS01

Tot Ion:105 Resp: 390983

Ion Ratio Lower Upper

105 100

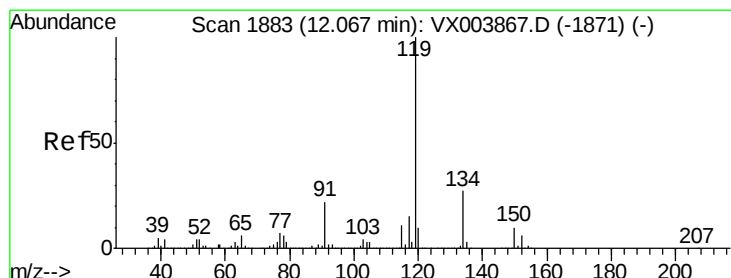
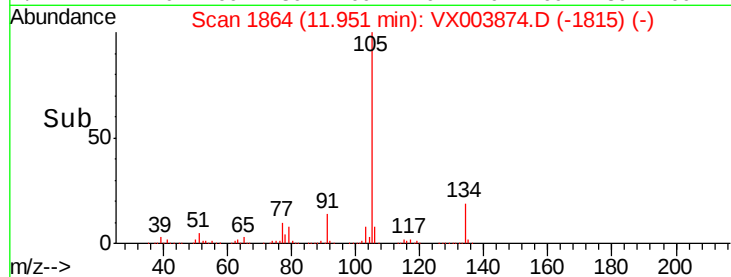
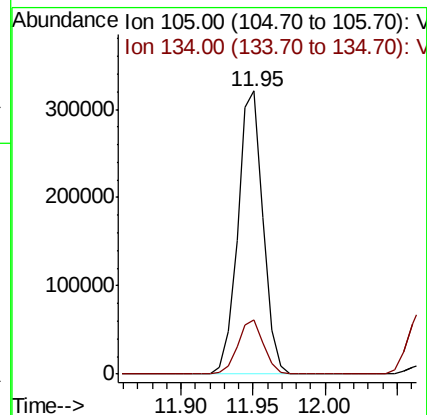
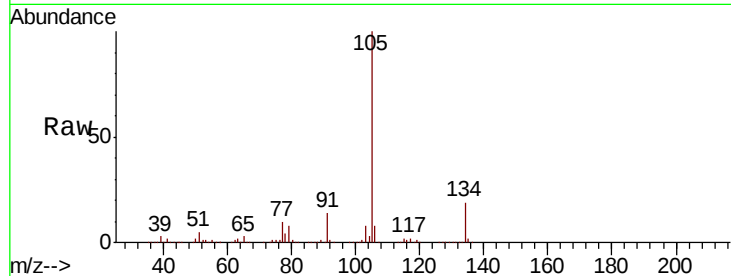
134 19.5 10.3 30.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.75 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

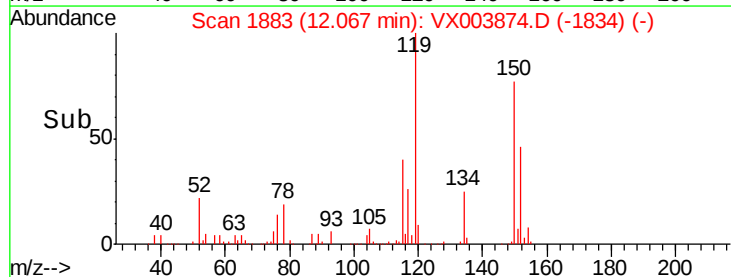
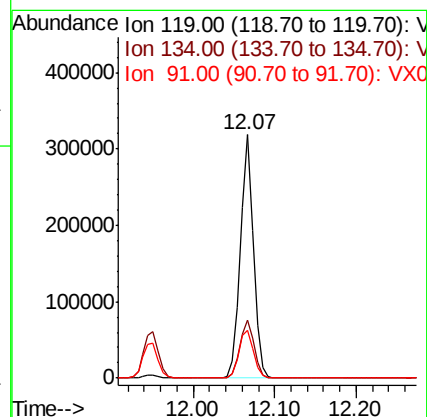
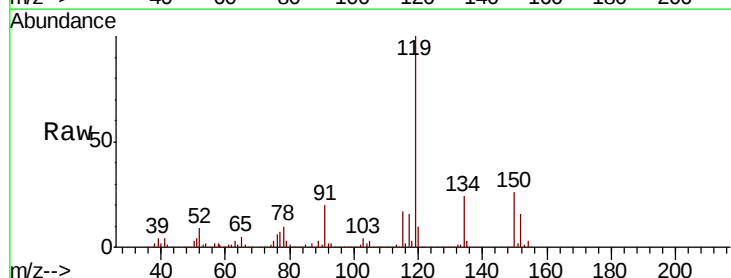
Tgt Ion:119 Resp: 345203

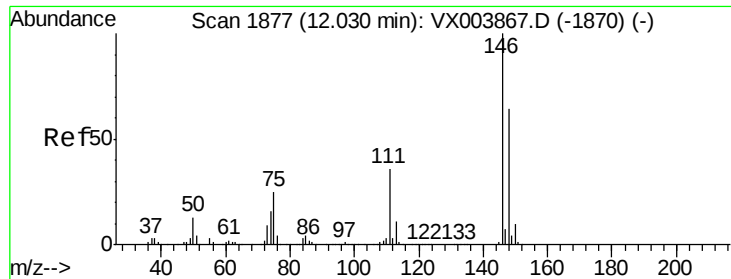
Ion Ratio Lower Upper

119 100

134 25.7 13.3 39.8

91 22.0 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 19.45 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

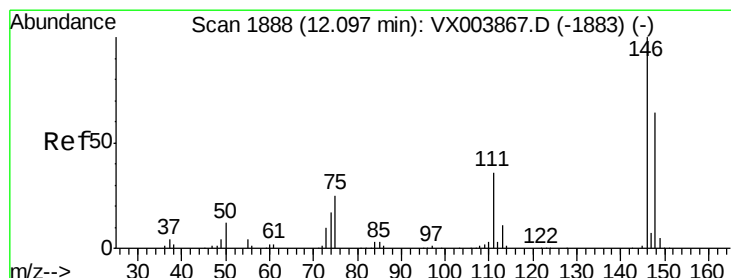
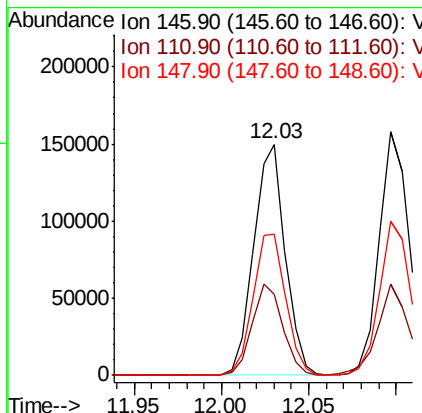
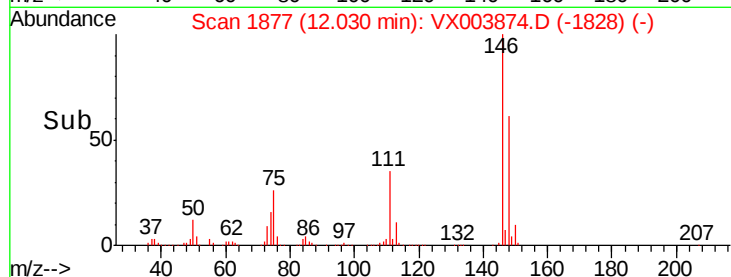
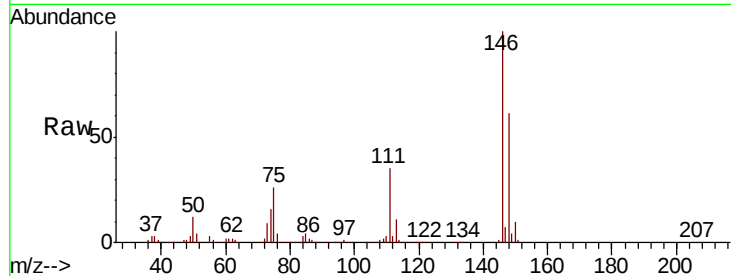
ClientSampleId :

VX0807WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 187808 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.4  | 18.8  | 56.4   |
| 148       | 63.2  | 31.9  | 95.5   |

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#88

1,4-Dichlorobenzene

Concen: 20.12 ug/l

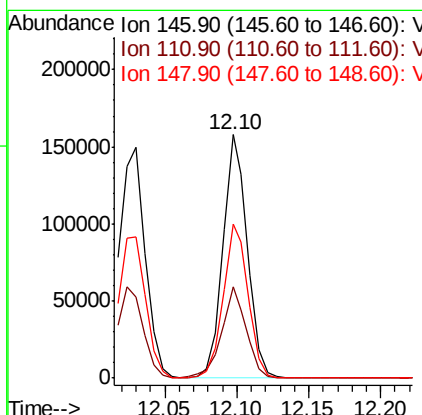
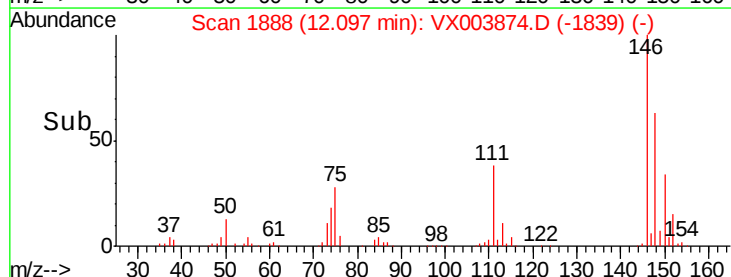
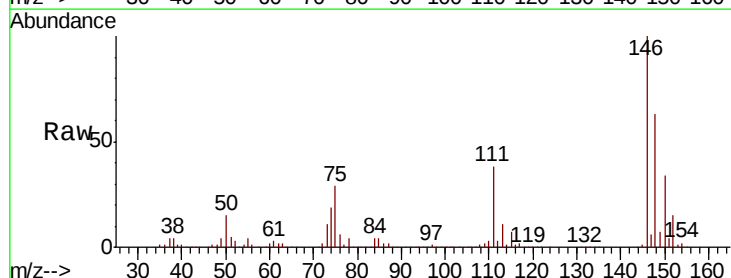
RT: 12.10 min Scan# 1888

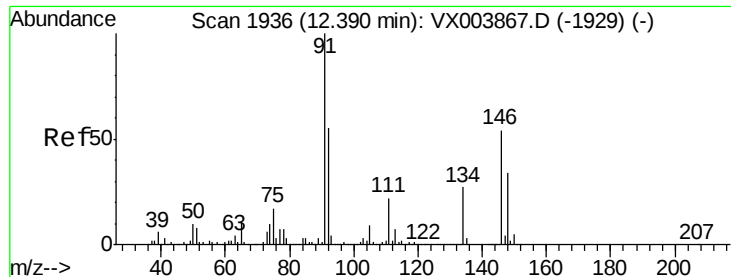
Delta R.T. 0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 187783 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.8  | 18.4  | 55.0   |
| 148       | 64.8  | 32.3  | 96.8   |





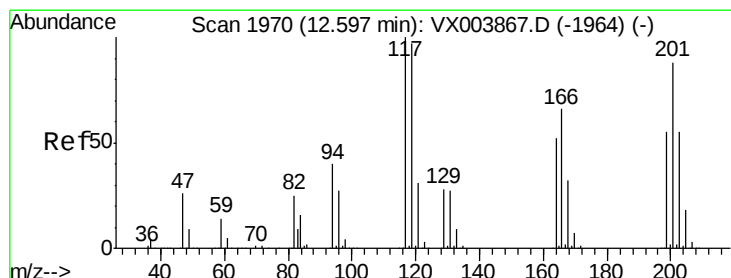
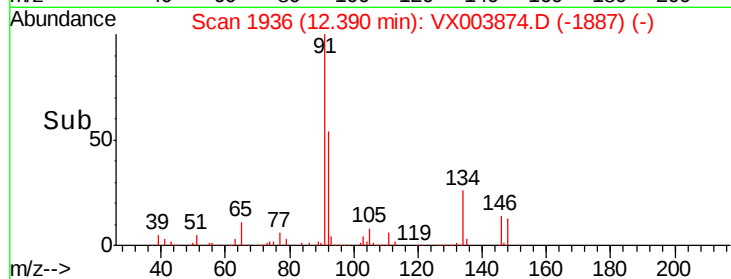
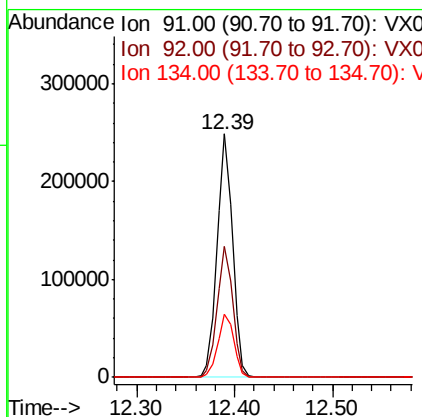
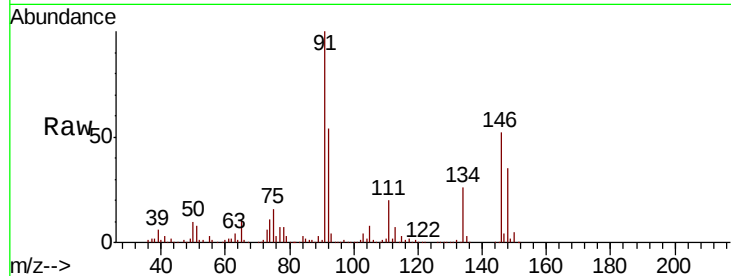
#89  
n-Butylbenzene  
Concen: 18.97 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.0  | 27.1  | 81.3  |
| 134     | 26.8  | 13.6  | 40.7  |

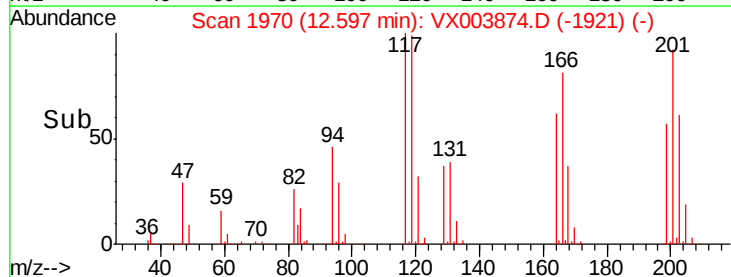
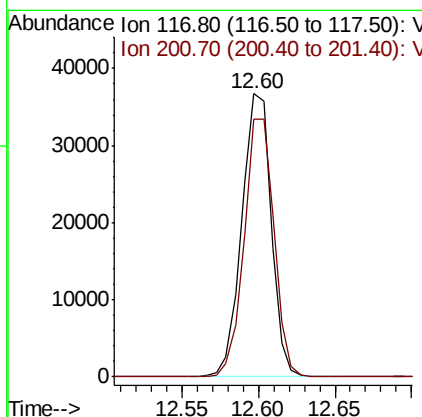
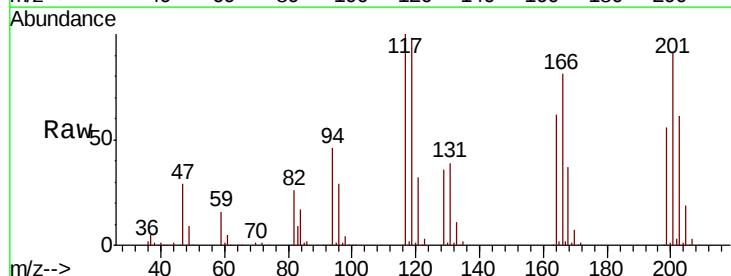
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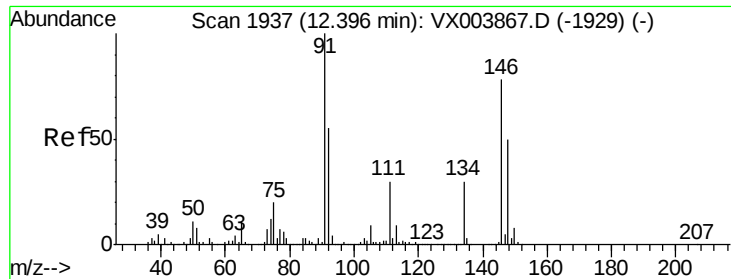
sam  
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#90  
Hexachloroethane  
Concen: 18.16 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 92.1  | 46.1  | 138.2 |





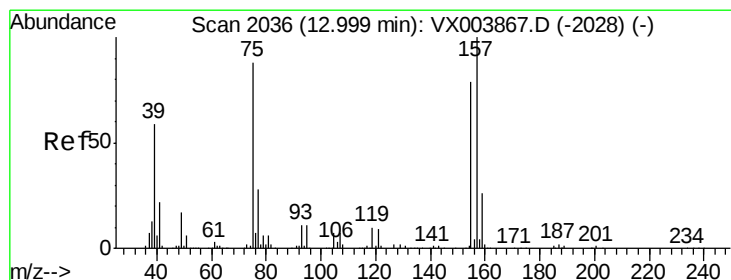
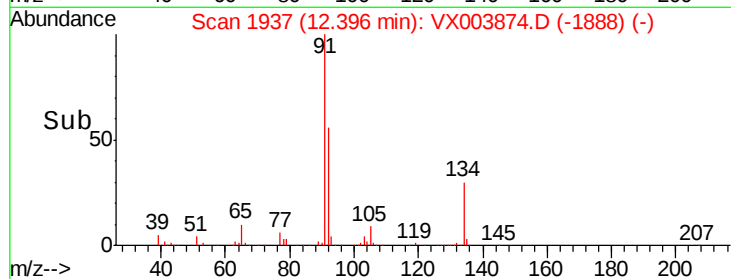
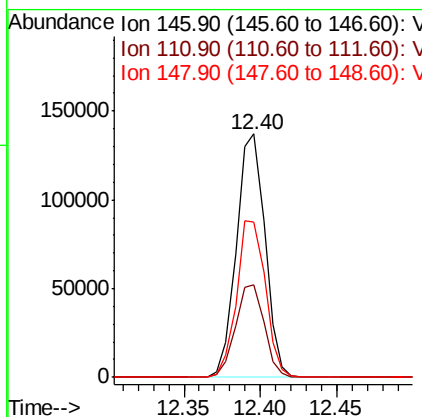
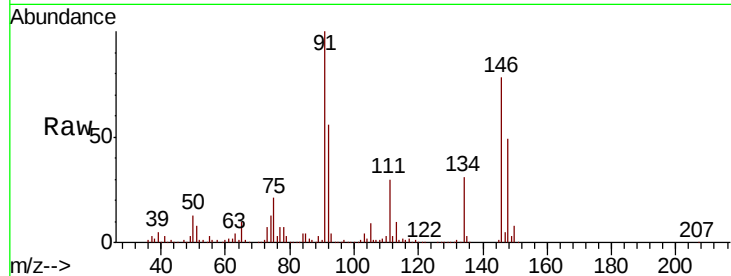
#91  
1,2-Dichlorobenzene  
Concen: 18.57 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0807WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.7  | 59.0  |
| 148     | 64.9  | 31.9  | 95.5  |

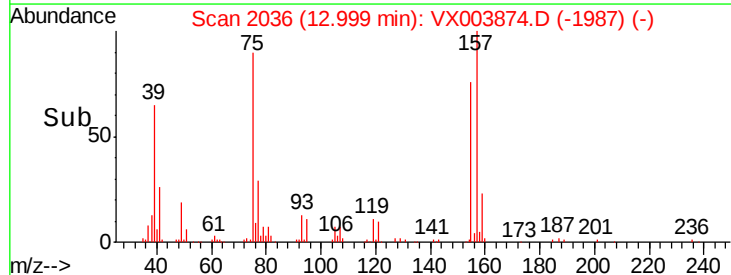
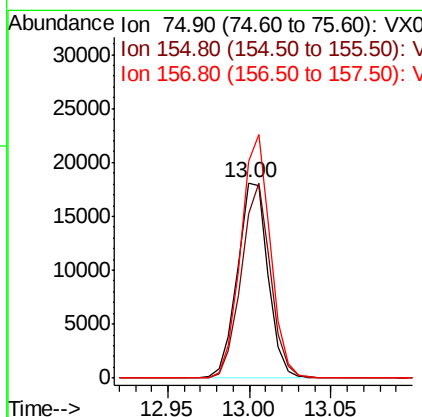
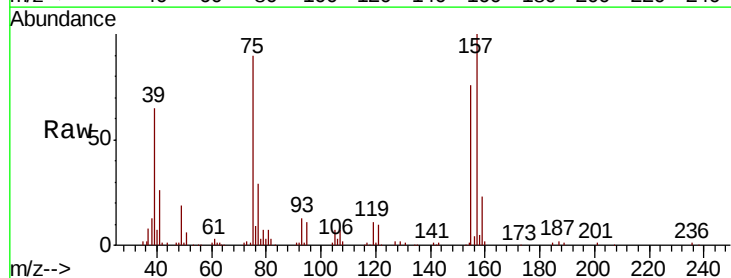
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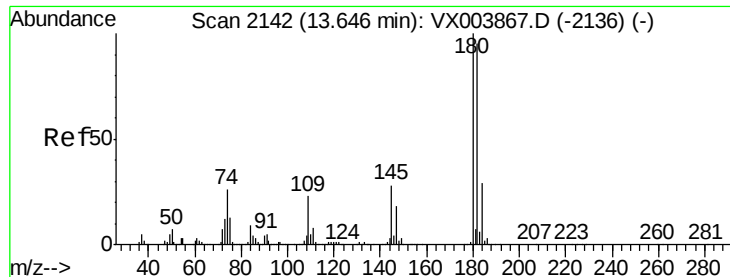
sam  
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.25 ug/l  
RT: 13.00 min Scan# 2036  
Delta R.T. -0.00 min  
Lab File: VX003874.D  
Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 94.7  | 48.7  | 146.1 |
| 157     | 120.3 | 62.6  | 187.8 |





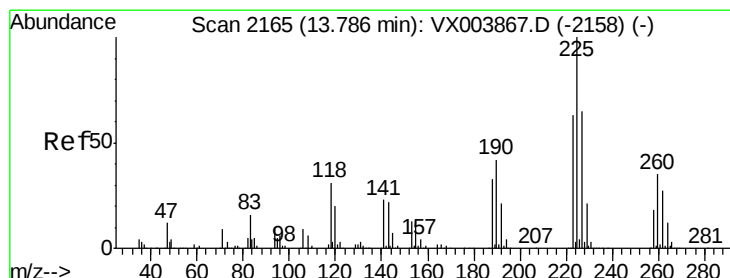
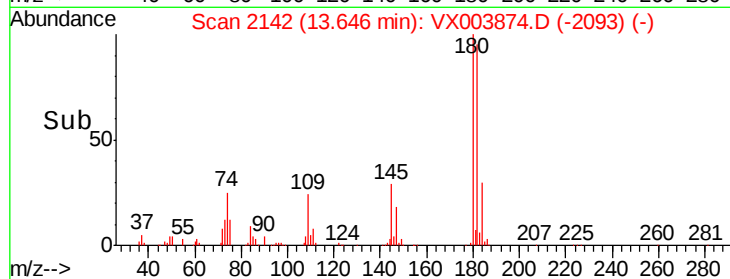
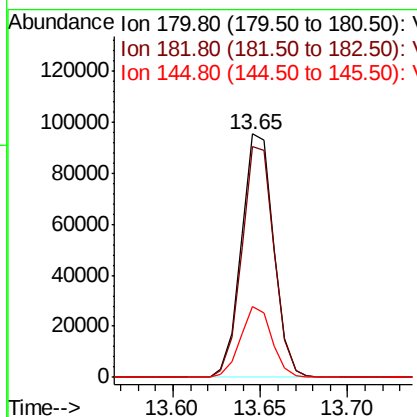
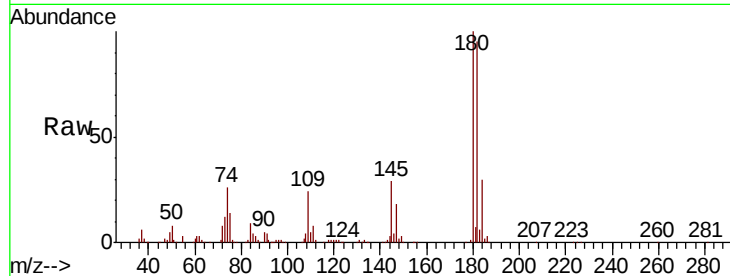
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.76 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. -0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0807WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 122285 |       |       |
| 182     | 94.8  | 47.7   | 143.1 |       |
| 145     | 28.1  | 13.9   | 41.6  |       |

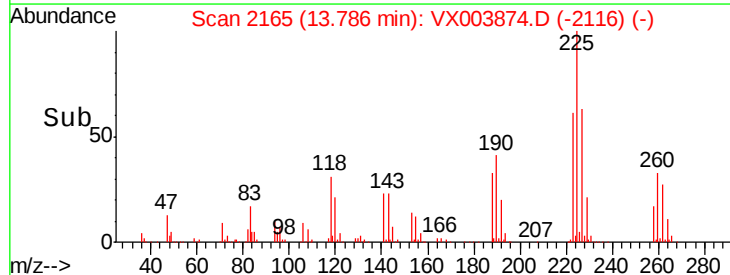
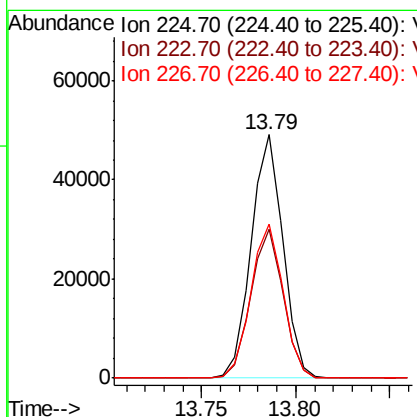
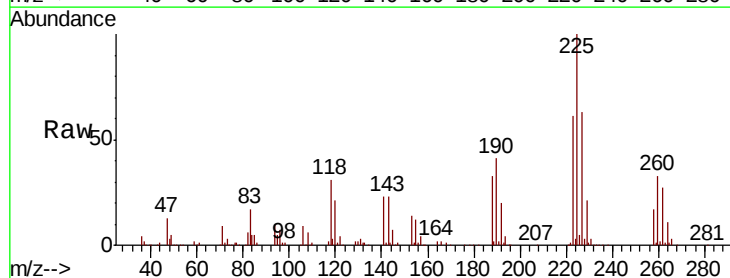
Manual Integrations  
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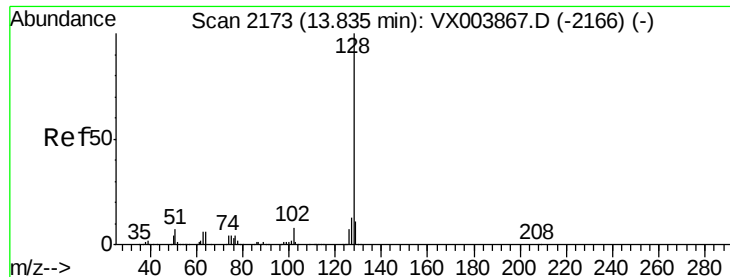
Sam  
 8/21/2018 4:31:31 PM



#94  
 Hexachlorobutadiene  
 Concen: 19.17 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX003874.D  
 Acq: 07 Aug 2018 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 57417 |       |       |
| 223     | 62.2  | 31.4  | 94.0  |       |
| 227     | 64.2  | 32.1  | 96.5  |       |





#95

Naphthalene

Concen: 18.22 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

Instrument :

MSVOA\_X

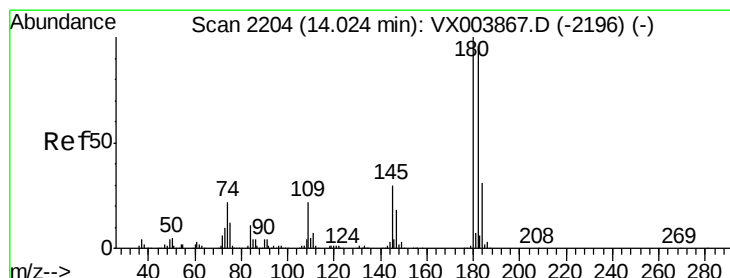
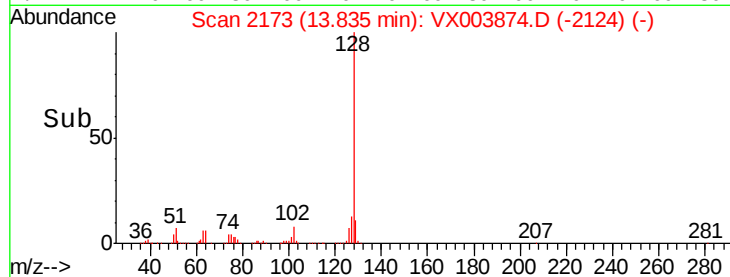
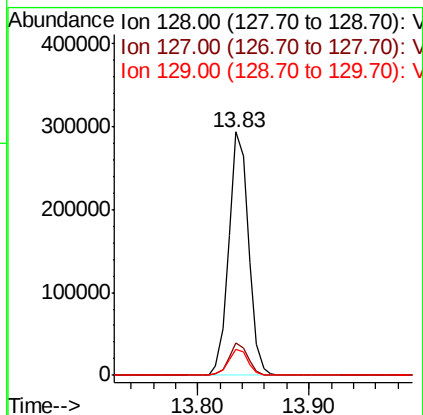
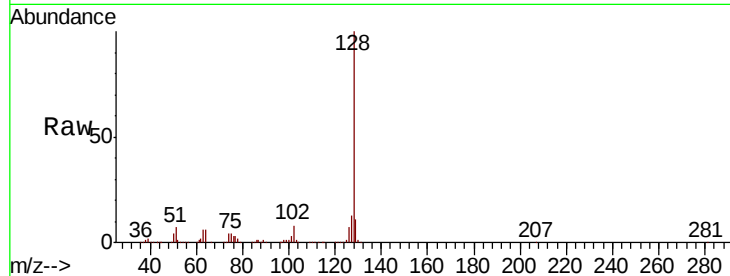
ClientSampleId :

VX0807WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 359314 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.2  | 15.2   |
| 129       | 10.8  | 8.8   | 13.2   |

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#96

1,2,3-Trichlorobenzene

Concen: 17.97 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003874.D

Acq: 07 Aug 2018 12:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 123456 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.4  | 48.1  | 144.4  |
| 145       | 29.7  | 14.9  | 44.7   |

