

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\  
 Data File : VX003099.D  
 Acq On : 01 Jul 2018 01:34  
 Operator : JC/MD  
 Sample : VX0630WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBSD02

Manual Integrations  
 APPROVED

sam  
 7/3/2018 5:07:25 PM

Quant Time: Jul 02 05:21:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 282767   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 390699   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 360253   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 218580   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 186525   | 47.72 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.44%  |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 154991   | 50.09 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.18% |      |
| 50) Toluene-d8            | 8.72   | 98  | 545106   | 48.25 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.50%  |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 199232   | 45.72 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.44%  |      |

## Target Compounds

|                               |      |     |        |       |      | Qvalue |
|-------------------------------|------|-----|--------|-------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 53613  | 21.06 | ug/l | 100    |
| 3) Chloromethane              | 1.32 | 50  | 52869  | 19.44 | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 59644  | 18.65 | ug/l | 89     |
| 5) Bromomethane               | 1.64 | 94  | 26975  | 16.23 | ug/l | 99     |
| 6) Chloroethane               | 1.72 | 64  | 40148  | 20.13 | ug/l | 95     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 94575  | 17.53 | ug/l | 98     |
| 8) Diethyl Ether              | 2.19 | 74  | 35840  | 18.28 | ug/l | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 53285  | 17.05 | ug/l | 96     |
| 10) Methyl Iodide             | 2.51 | 142 | 47367  | 19.31 | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.08 | 59  | 73128  | 93.92 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 49803  | 17.86 | ug/l | 94     |
| 13) Acrolein                  | 2.29 | 56  | 33576  | 80.70 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 93042  | 16.93 | ug/l | 95     |
| 15) Acrylonitrile             | 3.15 | 53  | 156009 | 93.81 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 145051 | 89.62 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 125837 | 16.94 | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 76121  | 16.82 | ug/l | 96     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 179052 | 17.86 | ug/l | 99     |
| 20) Methylene Chloride        | 2.86 | 84  | 57903  | 18.38 | ug/l | 94     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 52954  | 17.43 | ug/l | 94     |
| 22) Diisopropyl ether         | 3.88 | 45  | 198496 | 18.89 | ug/l | 99     |
| 23) Vinyl Acetate             | 3.83 | 43  | 834535 | 93.79 | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 103010 | 18.04 | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 235783 | 98.16 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 51532  | 11.10 | ug/l | 94     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 65147  | 19.13 | ug/l | 95     |
| 28) Bromochloromethane        | 5.02 | 49  | 58585  | 21.43 | ug/l | 93     |
| 29) Tetrahydrofuran           | 5.17 | 42  | 151053 | 98.06 | ug/l | 96     |
| 30) Chloroform                | 5.22 | 83  | 111704 | 19.06 | ug/l | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 90381  | 18.44 | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 96144  | 18.64 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75  | 77857  | 18.17 | ug/l | 98     |
| 37) Ethyl Acetate             | 4.87 | 43  | 90691  | 19.66 | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 84700  | 18.01 | ug/l | 99     |

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 Sample : VX0630WBSD02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0630WBSD02

Manual Integrations  
 APPROVED

sam  
 7/3/2018 5:07:25 PM

Quant Time: Jul 02 05:21:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 86313    | 17.30  | ug/l   | 98       |
| 40) Benzene                    | 6.15  | 78   | 238533   | 19.16  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.07  | 41   | 52193    | 19.65  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 91958    | 18.29  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.47  | 43   | 142079   | 18.36  | ug/l   | 97       |
| 44) Trichloroethene            | 7.22  | 130  | 69547    | 18.74  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 62794    | 19.02  | ug/l   | 99       |
| 46) Dibromomethane             | 7.67  | 93   | 42783    | 18.67  | ug/l   | 95       |
| 47) Bromodichloromethane       | 7.90  | 83   | 77426    | 18.28  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.78  | 41   | 72594    | 18.21  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 31067    | 400.56 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 466896   | 96.45  | ug/l   | 97       |
| 52) Toluene                    | 8.79  | 92   | 153046   | 19.19  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 84289    | 17.57  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 75677    | 16.39  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 62698    | 19.13  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 90161    | 18.82  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 102055   | 18.96  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 252924   | 109.46 | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.50  | 43   | 349283   | 94.94  | ug/l   | 97       |
| 60) Dibromochloromethane       | 9.59  | 129  | 62716    | 18.18  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 64791    | 18.85  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 82837    | 20.68  | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 173733   | 18.99  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 63371    | 19.06  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.26 | 91   | 284637   | 18.83  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 219983   | 37.76  | ug/l   | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 107007   | 18.86  | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 175919   | 19.09  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 46732    | 18.25  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 287786   | 19.57  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.47  | 43   | 142079   | 19.75  | ug/l # | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 89560    | 19.77  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 86676m   | 21.89  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 81923    | 19.56  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.37 | 91   | 316166   | 18.89  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 194131   | 19.16  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 237267   | 19.16  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 17590    | 15.39  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 227125   | 18.93  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 230952   | 18.92  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 245281   | 19.11  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 276368   | 18.66  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 250531   | 18.82  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 144141   | 18.85  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 149323   | 18.97  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 200734   | 17.32  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 33345    | 16.84  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 147589   | 19.12  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 18772    | 18.44  | ug/l   | 97       |

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Sample : VX0630WBSD02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

Manual Integrations  
APPROVED

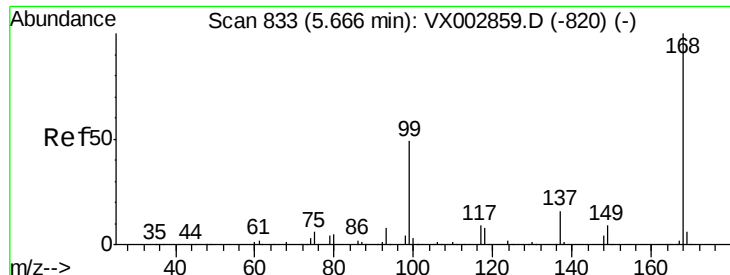
sam  
7/3/2018 5:07:25 PM

Quant Time: Jul 02 05:21:06 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 25 14:38:05 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 103090   | 18.35 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 49089    | 17.52 | ug/l  | 100      |
| 95) Naphthalene            | 13.84 | 128  | 295447   | 19.75 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 105848   | 18.86 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion:168 Resp: 282767

Ion Ratio Lower Upper

168 100

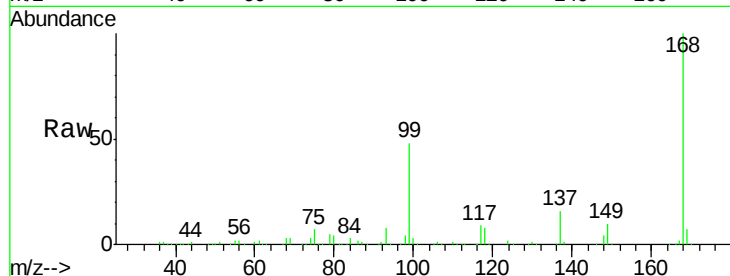
99 47.7 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

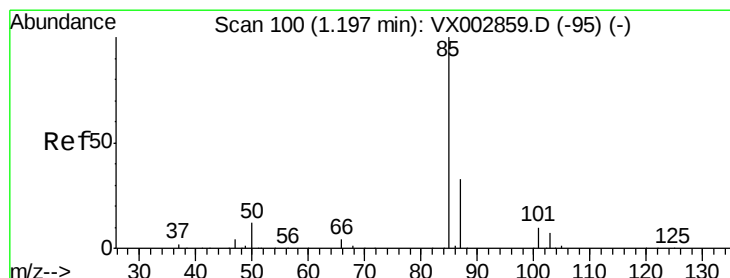
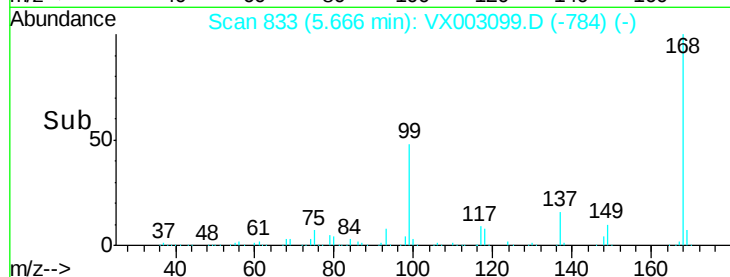
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.06 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003099.D

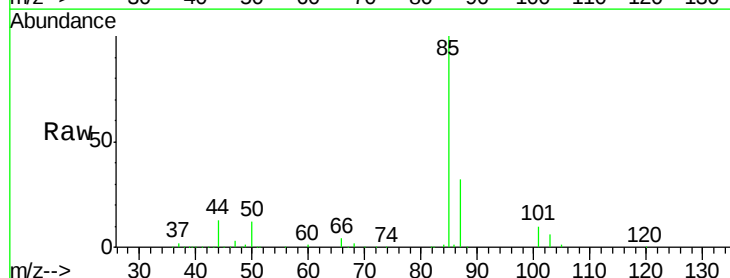
Acq: 01 Jul 2018 01:34

Tgt Ion: 85 Resp: 53613

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

50000

40000

30000

20000

10000

0

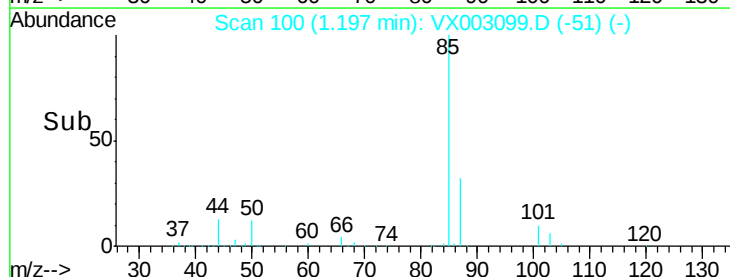
1.15

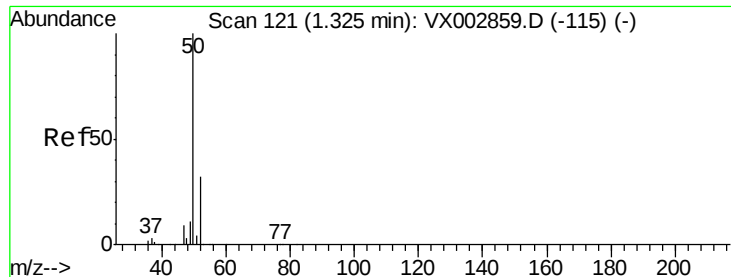
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 19.44 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 50 Resp: 52869

Ion Ratio Lower Upper

50 100

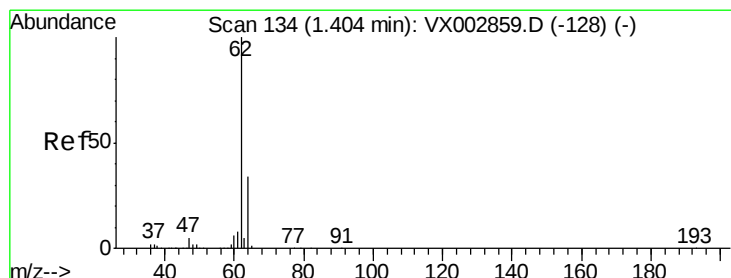
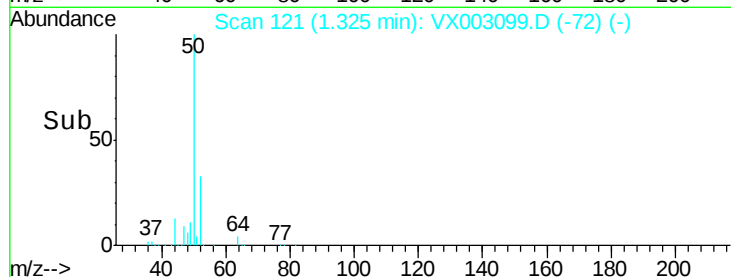
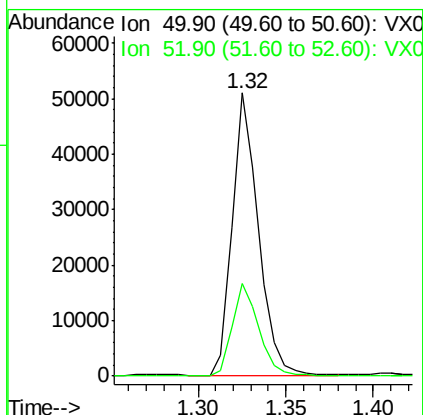
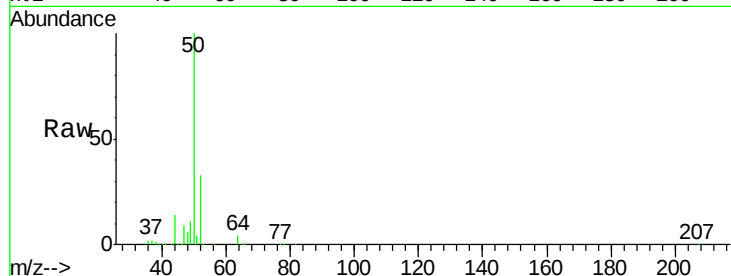
52 32.8 25.7 38.5

Manual Integrations

APPROVED

sam

7/3/2018 5:07:25 PM



#4

Vinyl Chloride

Concen: 18.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003099.D

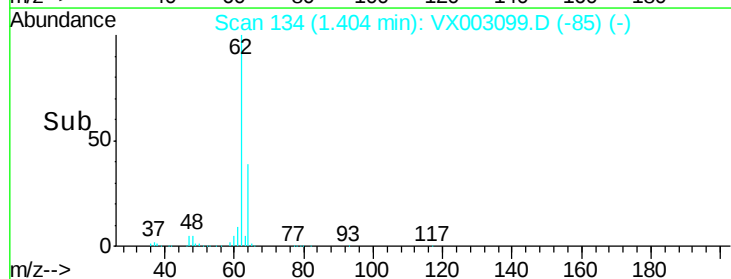
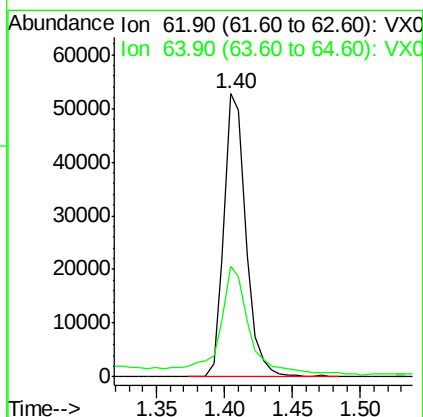
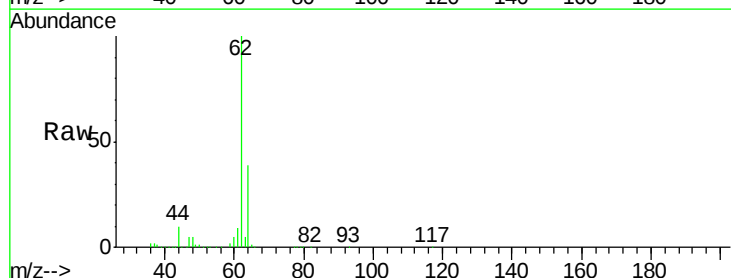
Acq: 01 Jul 2018 01:34

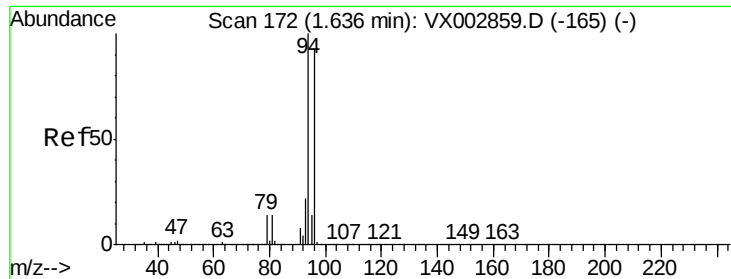
Tgt Ion: 62 Resp: 59644

Ion Ratio Lower Upper

62 100

64 37.7 25.4 38.2





#5

Bromomethane

Concen: 16.23 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 94 Resp: 26975

Ion Ratio Lower Upper

94 100

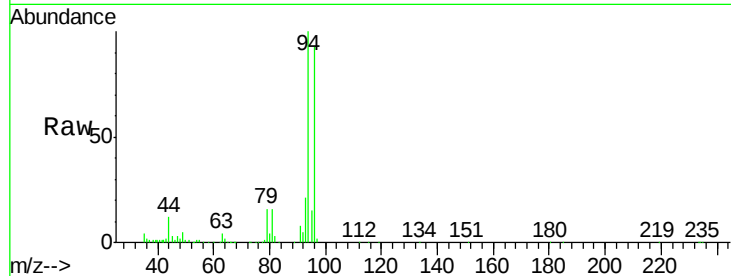
96 92.7 74.9 112.3

Manual Integrations

APPROVED

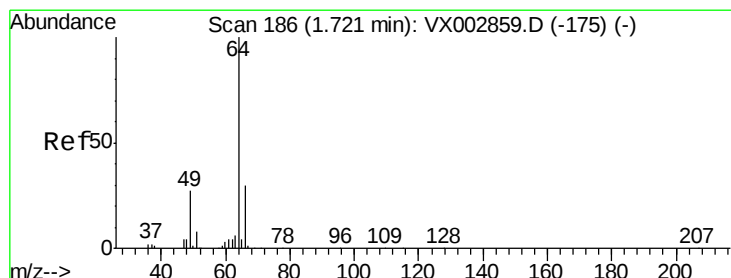
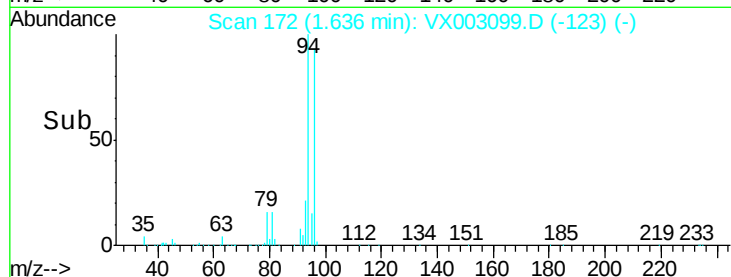
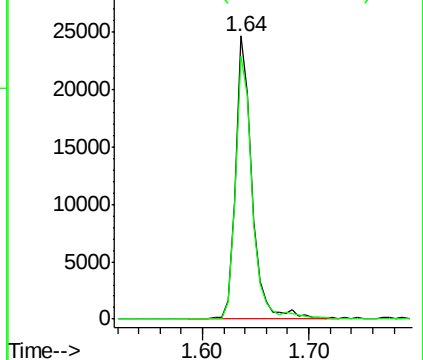
sam

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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: 20.13 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX003099.D

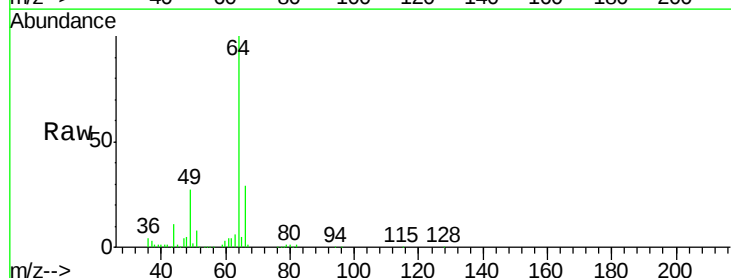
Acq: 01 Jul 2018 01:34

Tgt Ion: 64 Resp: 40148

Ion Ratio Lower Upper

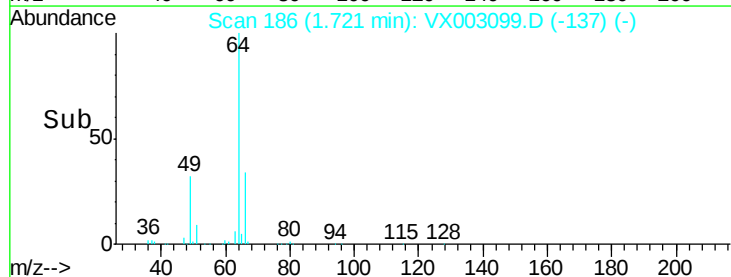
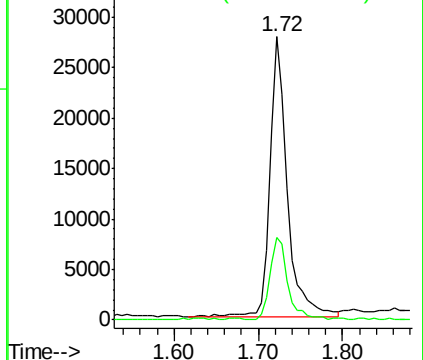
64 100

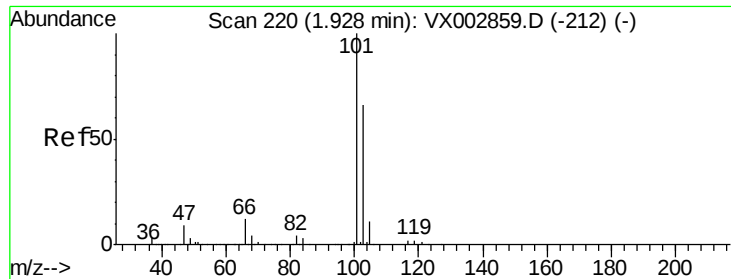
66 29.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

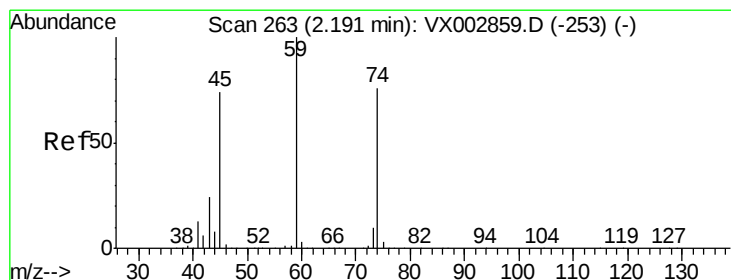
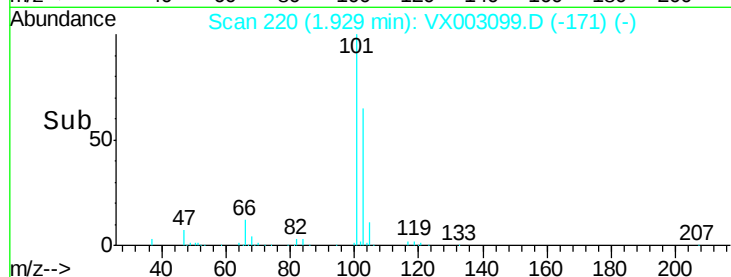
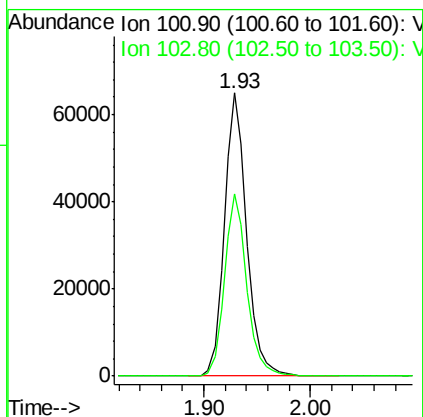
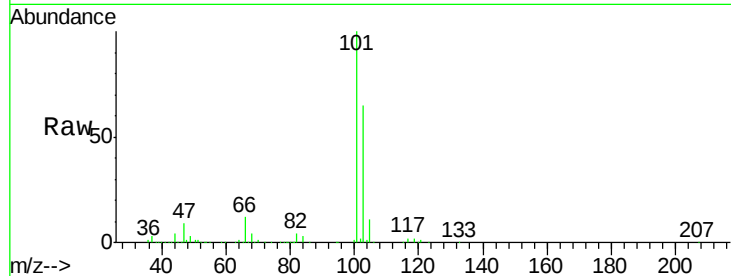
Trichlorofluoromethane  
 Concen: 17.53 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.6  | 52.8  | 79.2  |

Manual Integrations  
 APPROVED

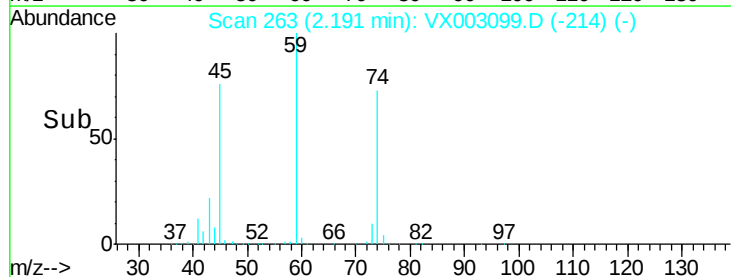
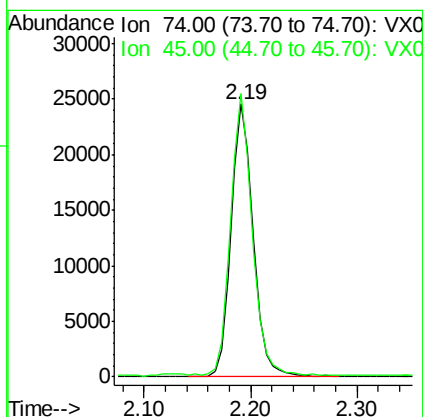
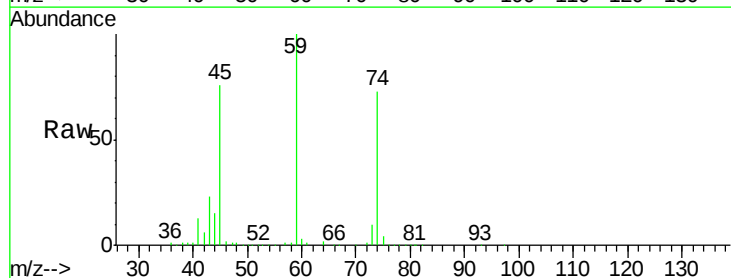
sam  
 7/3/2018 5:07:25 PM

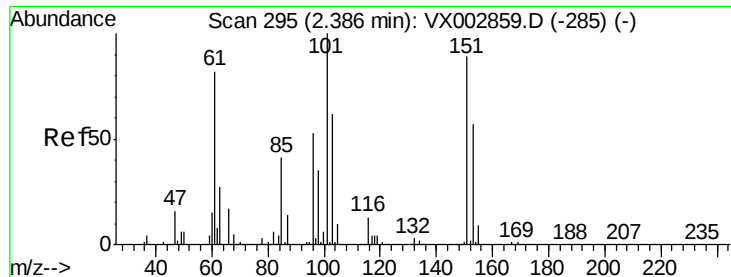


#8

Diethyl Ether  
 Concen: 18.28 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 101.2 | 53.1  | 159.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

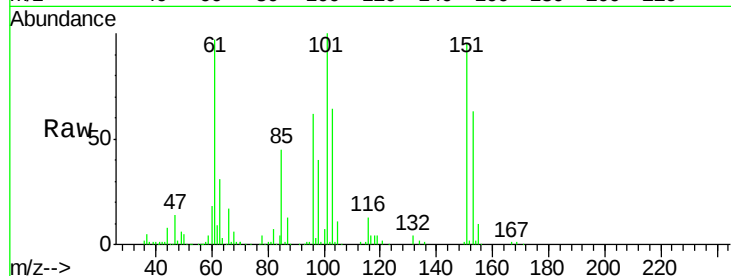
ClientSampled :

VX0630WBSD02

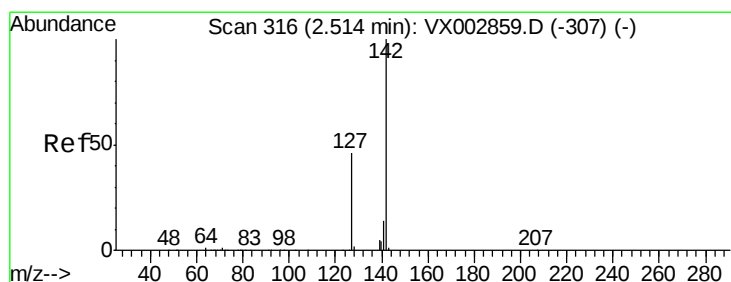
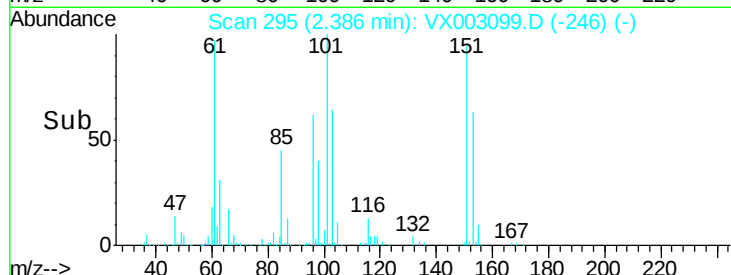
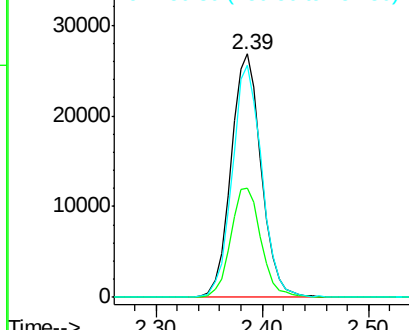
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 53285 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 36.0  | 54.0  |
| 151       | 94.0  | 70.9  | 106.3 |

Manual Integrations  
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sam  
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Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.31 ug/l

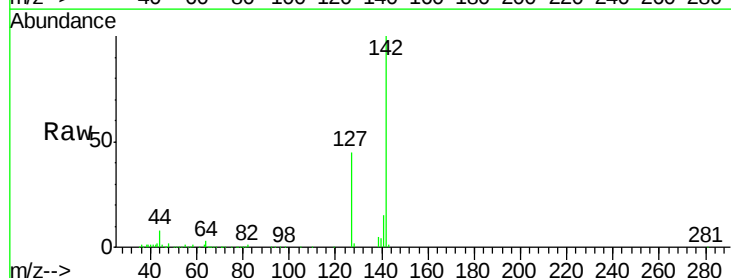
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

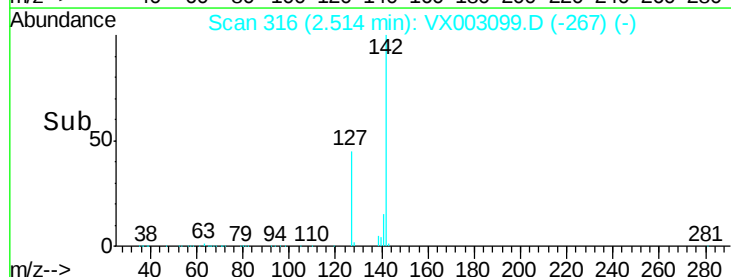
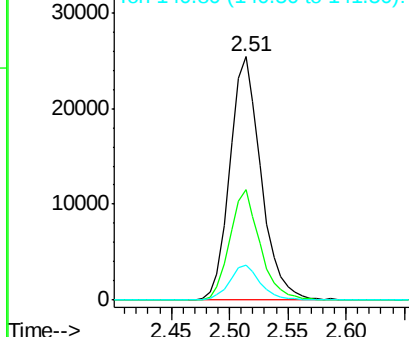
Lab File: VX003099.D

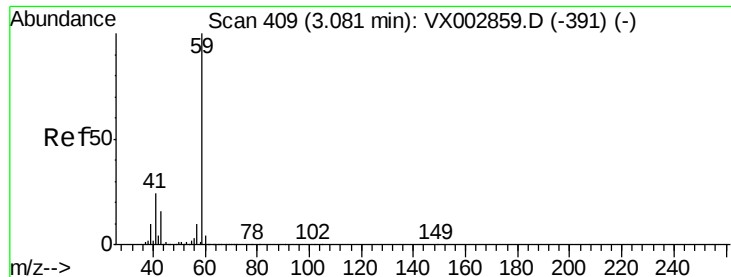
Acq: 01 Jul 2018 01:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 47367 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 44.3  | 36.6  | 55.0  |
| 141       | 14.3  | 11.3  | 16.9  |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





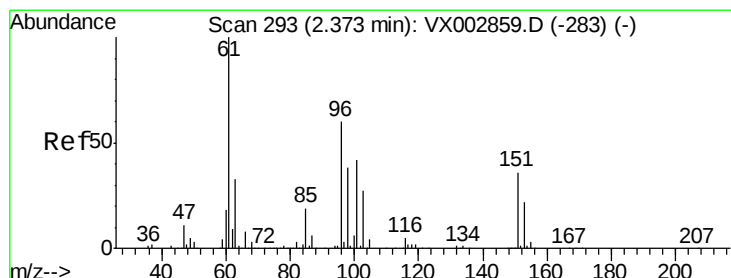
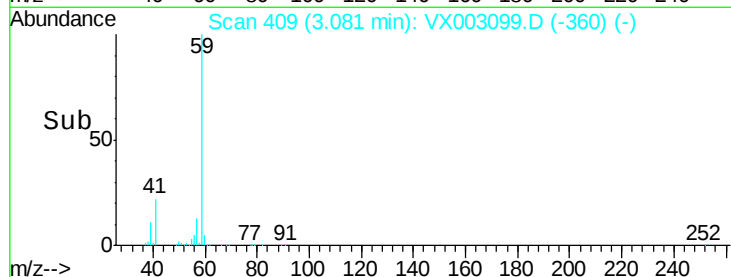
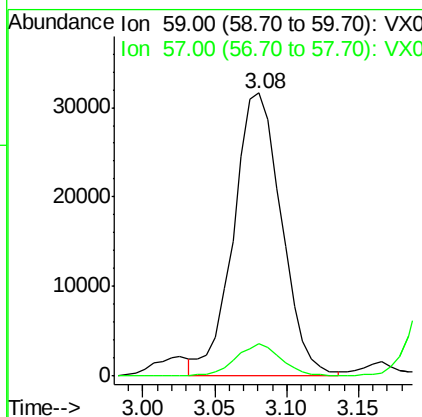
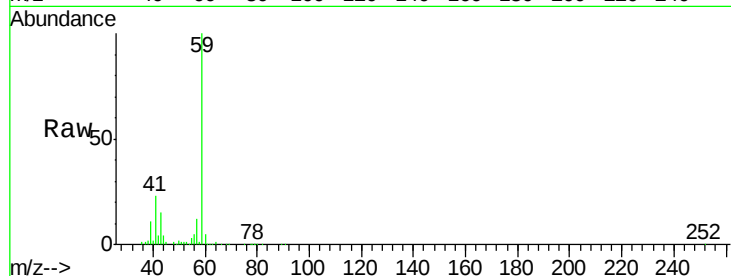
#11  
Tert butyl alcohol  
Concen: 93.92 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0630WBSD02

| Tot Ion   | 59   | Resp  | 73128 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.6 | 8.2   | 12.2  |

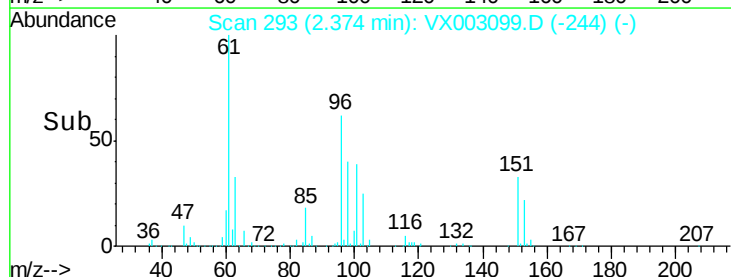
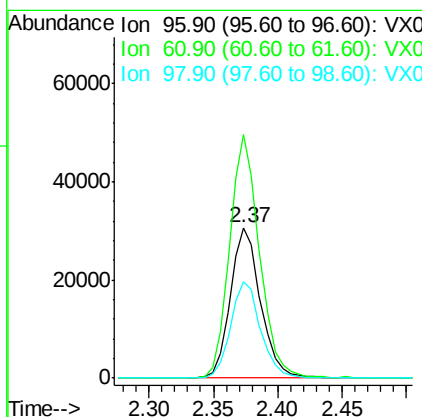
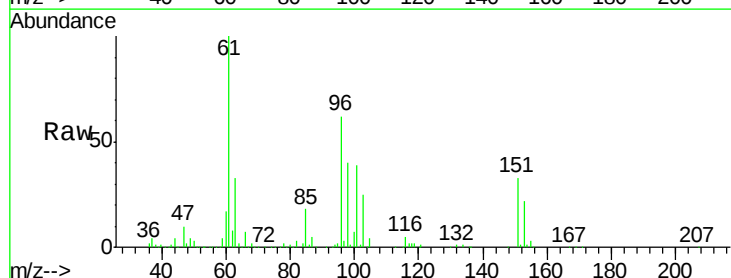
Manual Integrations  
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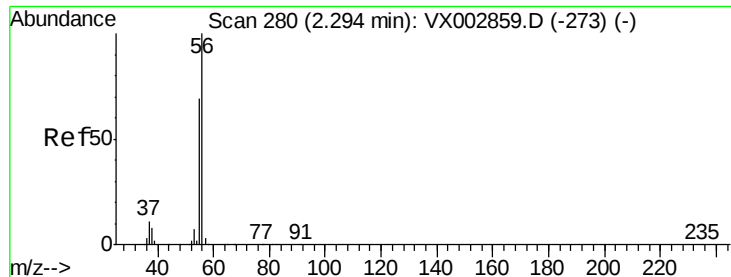
sam  
7/3/2018 5:07:25 PM



#12  
1,1-Dichloroethene  
Concen: 17.86 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion   | 96    | Resp  | 49803 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 161.7 | 137.9 | 206.9 |
| 98        | 63.8  | 51.6  | 77.4  |





#13

Acrolein

Concen: 80.70 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 56 Resp: 33576

Ion Ratio Lower Upper

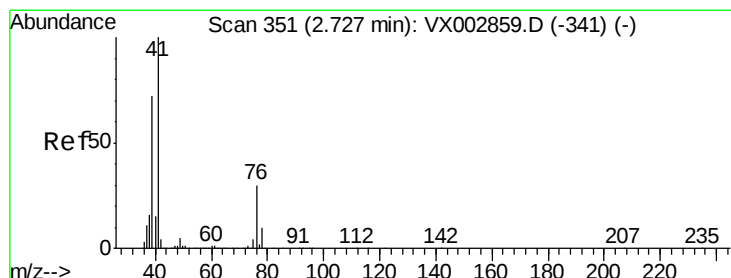
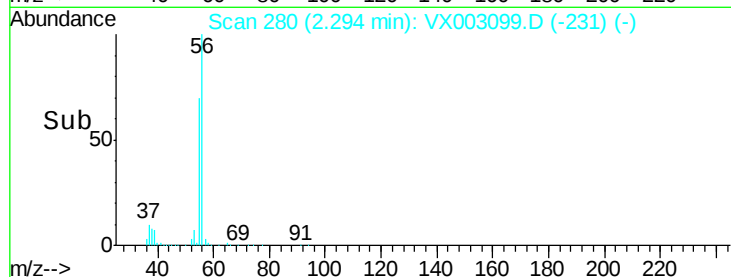
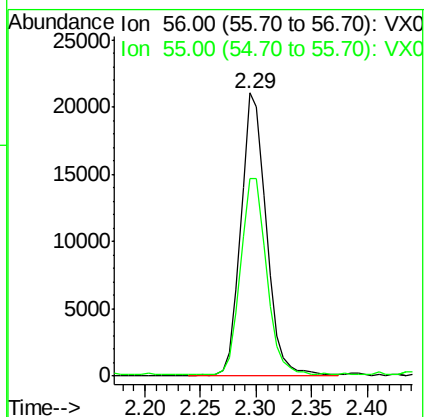
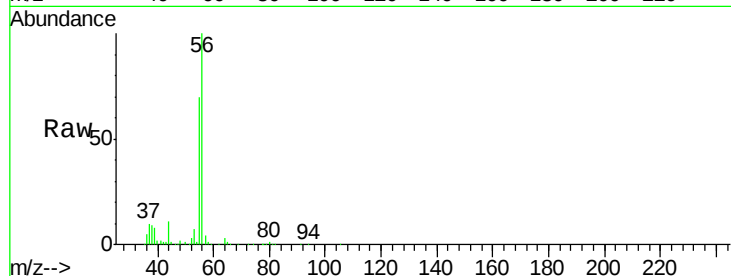
56 100

55 70.6 57.0 85.4

Manual Integrations  
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sam

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#14

Allyl chloride

Concen: 16.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

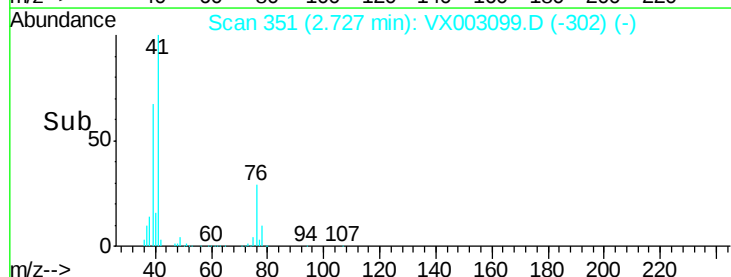
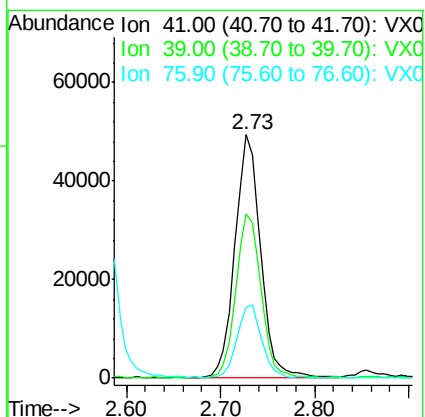
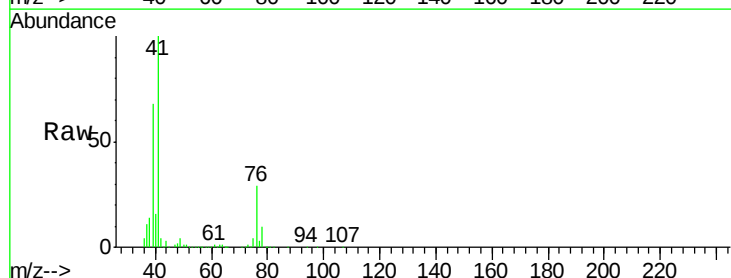
Tgt Ion: 41 Resp: 93042

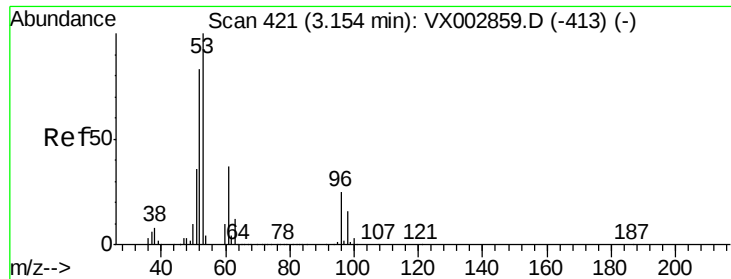
Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

76 29.0 23.8 35.8





#15

Acrylonitrile

Concen: 93.81 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

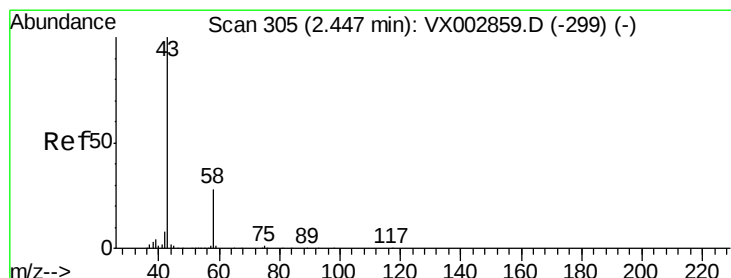
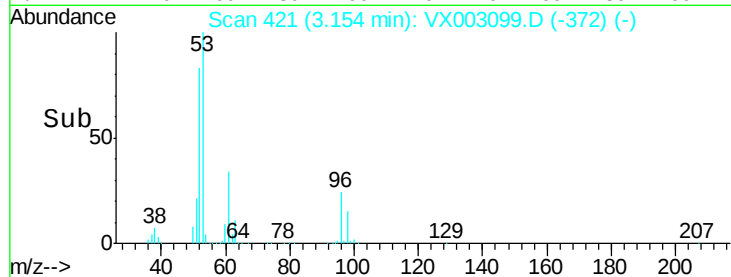
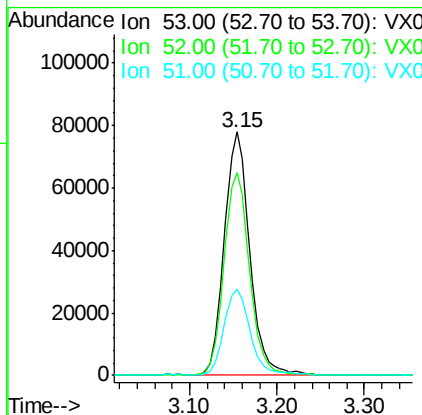
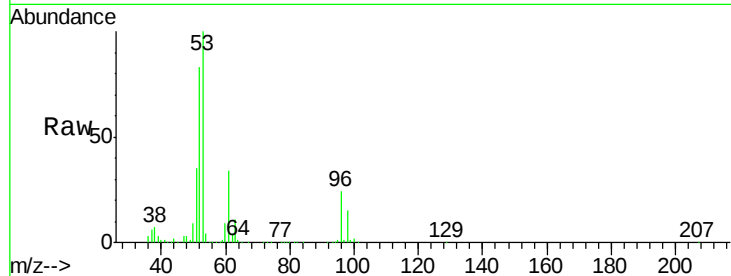
ClientSampled :

VX0630WBSD02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 156009 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 83.8  | 66.7  | 100.1  |
| 51       | 36.9  | 29.9  | 44.9   |

Manual Integrations  
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sam  
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#16

Acetone

Concen: 89.62 ug/l

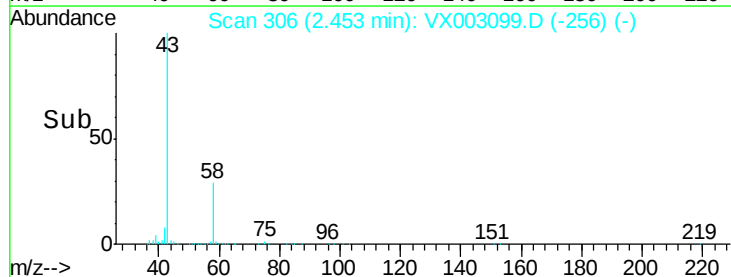
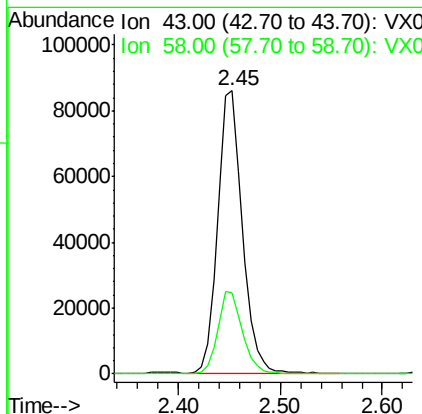
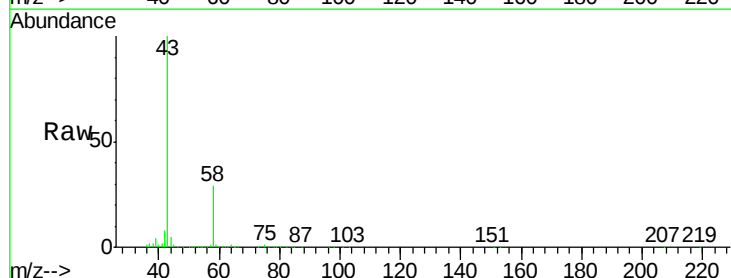
RT: 2.45 min Scan# 306

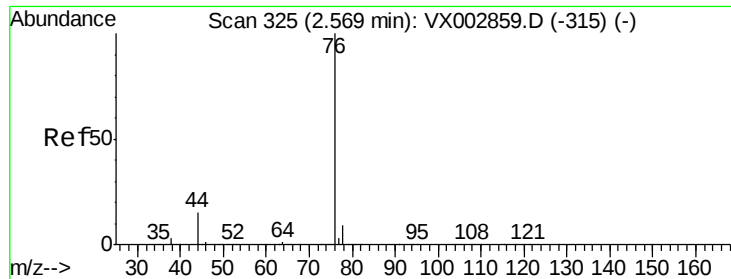
Delta R.T. 0.01 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 145051 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 28.7  | 22.1  | 33.1   |





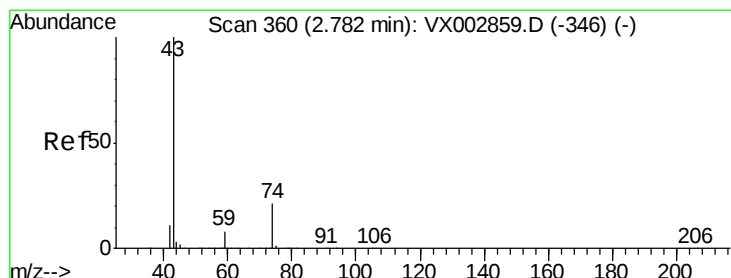
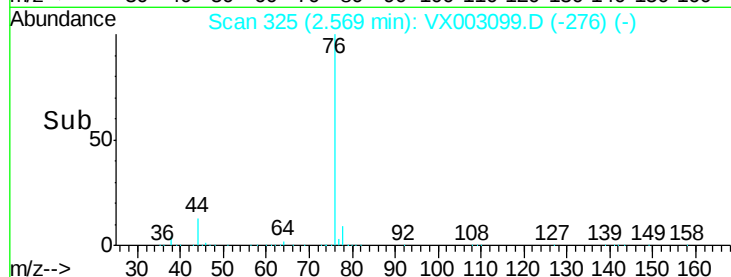
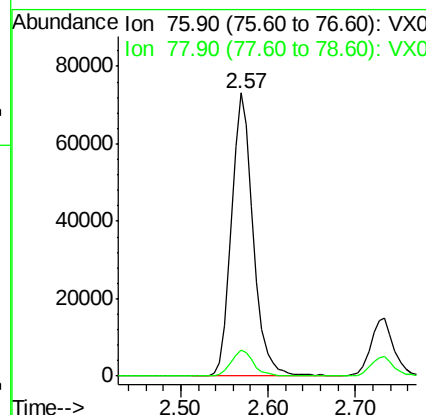
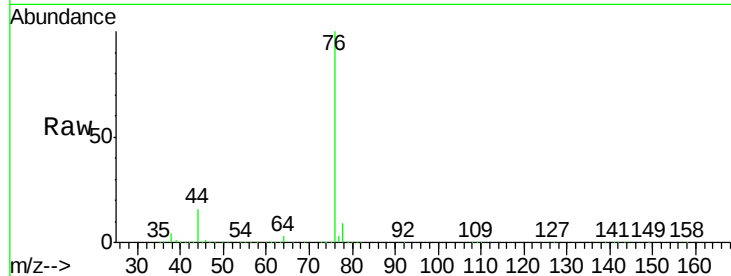
#17  
Carbon Disulfide  
Concen: 16.94 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.1   | 6.9   | 10.3  |

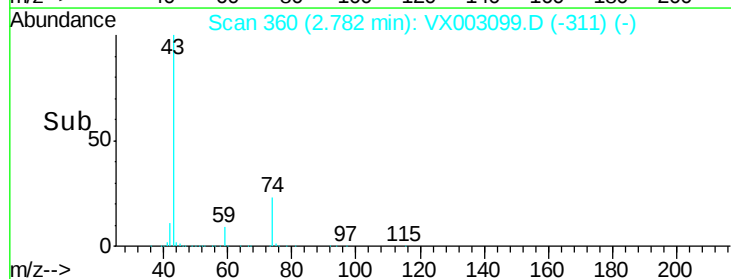
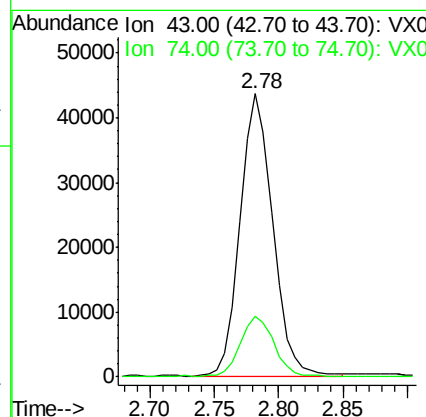
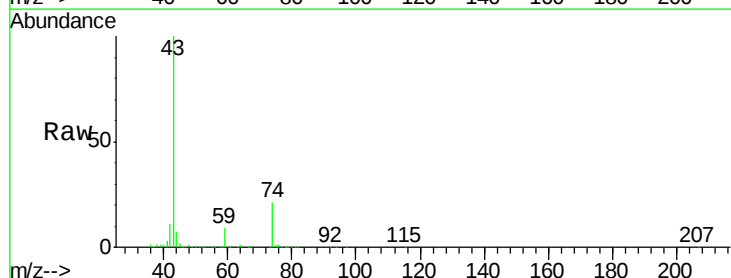
Manual Integrations  
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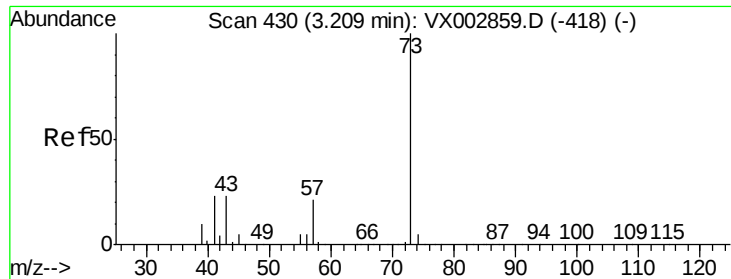
sam  
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#18  
Methyl Acetate  
Concen: 16.82 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.9  | 16.7  | 25.1  |





#19

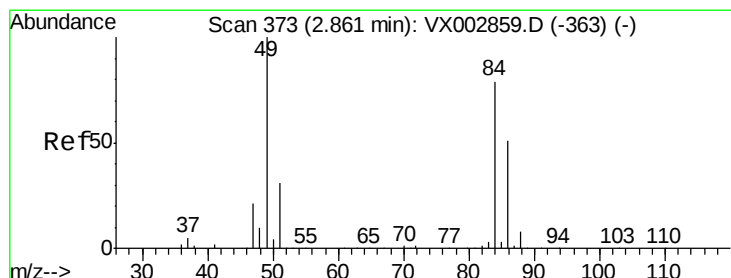
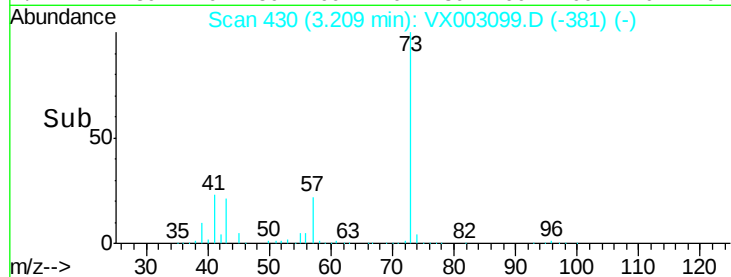
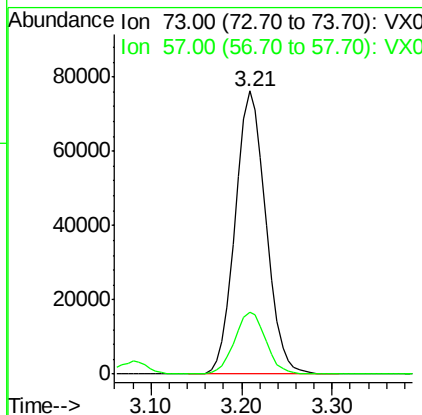
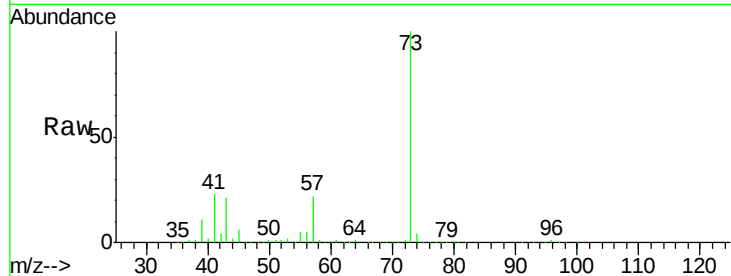
Methyl tert-butyl Ether  
 Concen: 17.86 ug/l  
 RT: 3.21 min Scan# 430  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0630WBSD02

Tot Ion: 73 Resp: 179052  
 Ion Ratio Lower Upper  
 73 100  
 57 21.9 17.7 26.5

Manual Integrations  
 APPROVED

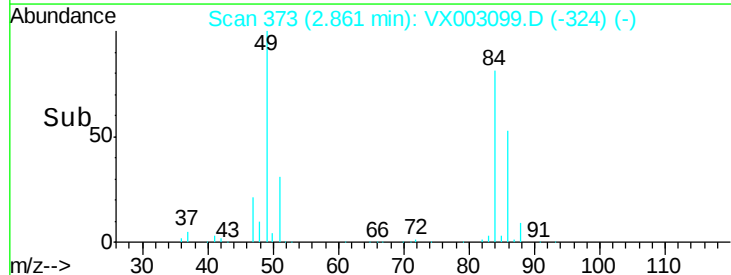
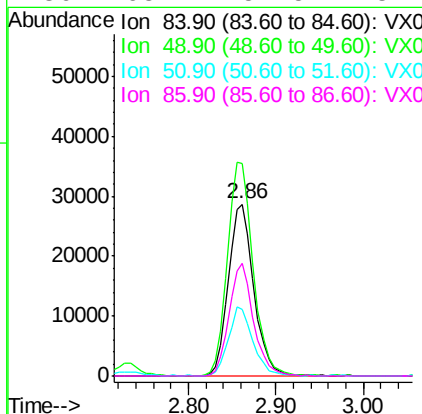
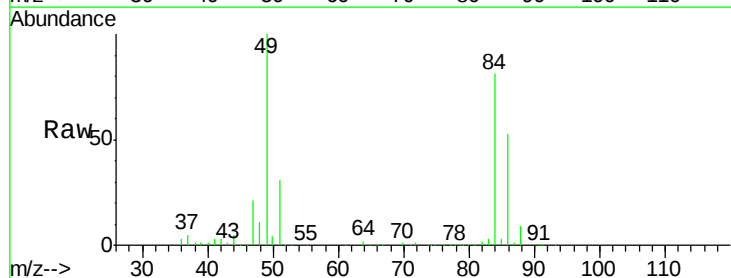
sam  
 7/3/2018 5:07:25 PM

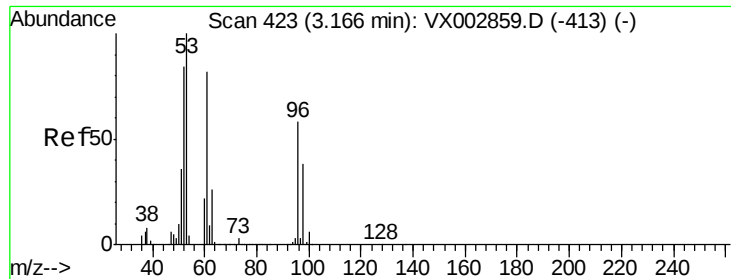


#20

Methylene Chloride  
 Concen: 18.38 ug/l  
 RT: 2.86 min Scan# 373  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Tgt Ion: 84 Resp: 57903  
 Ion Ratio Lower Upper  
 84 100  
 49 123.1 107.8 161.6  
 51 38.4 32.8 49.2  
 86 65.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

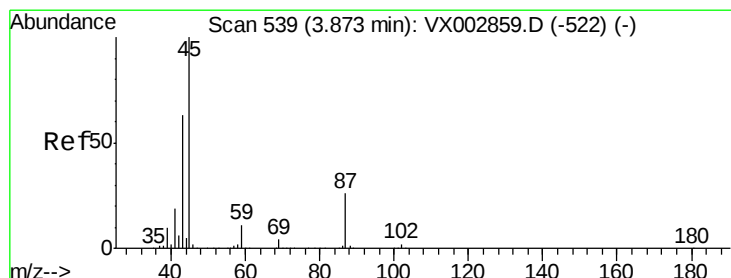
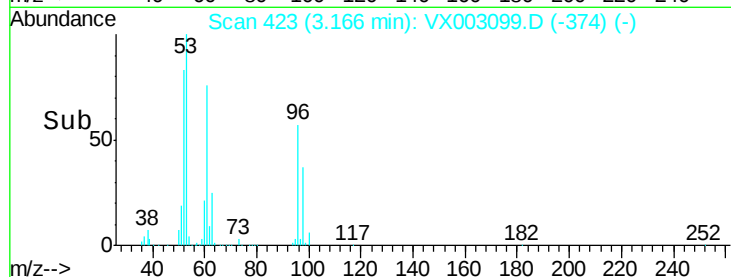
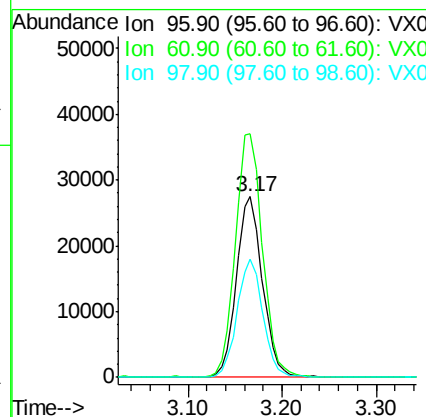
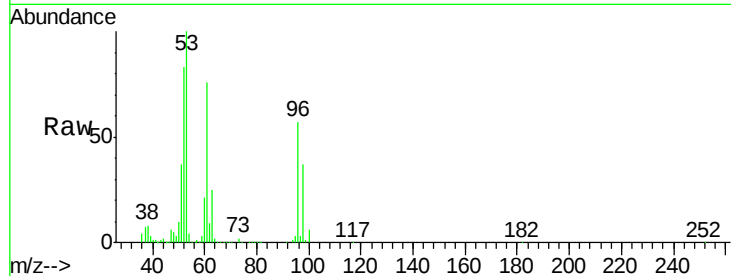
ClientSampleId :

VX0630WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 52954 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 134.7 | 117.0 | 175.4 |
| 98       | 65.4  | 52.4  | 78.6  |

Manual Integrations  
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sam  
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#22

Diisopropyl ether

Concen: 18.89 ug/l

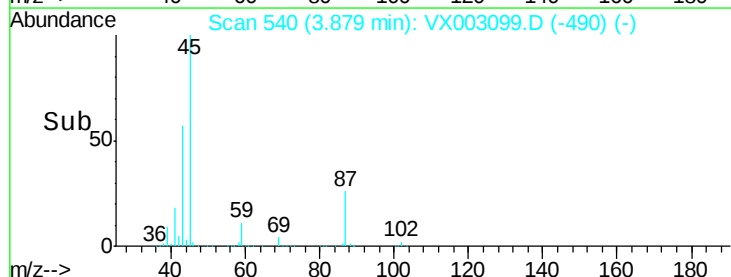
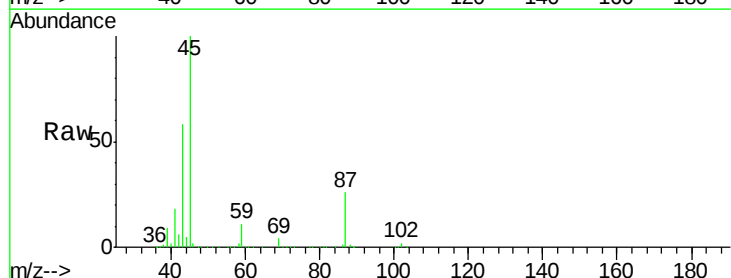
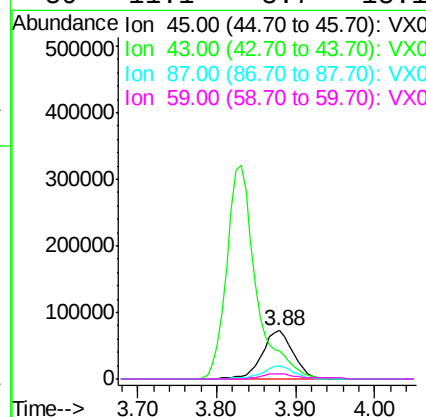
RT: 3.88 min Scan# 540

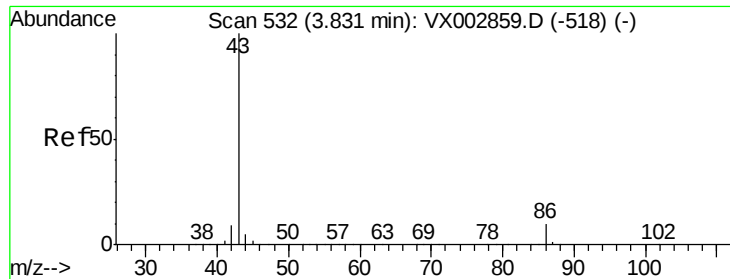
Delta R.T. 0.01 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 198496 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 57.3  | 46.8  | 70.2   |
| 87       | 25.8  | 20.2  | 30.4   |
| 59       | 11.1  | 8.7   | 13.1   |





#23

Vinyl Acetate

Concen: 93.79 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 43 Resp: 834535

Ion Ratio Lower Upper

43 100

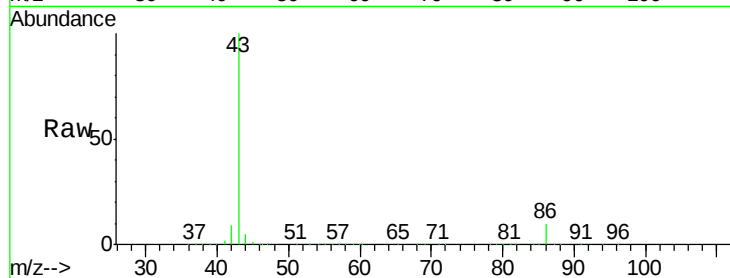
86 9.9 7.4 11.0

Manual Integrations

APPROVED

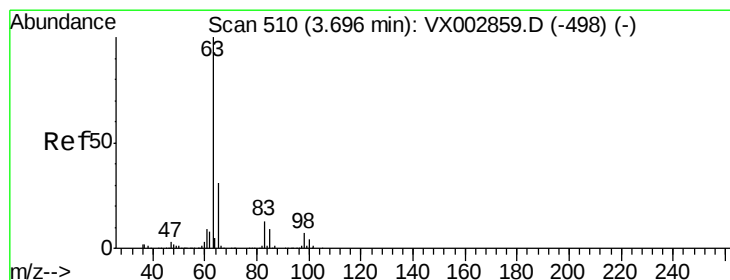
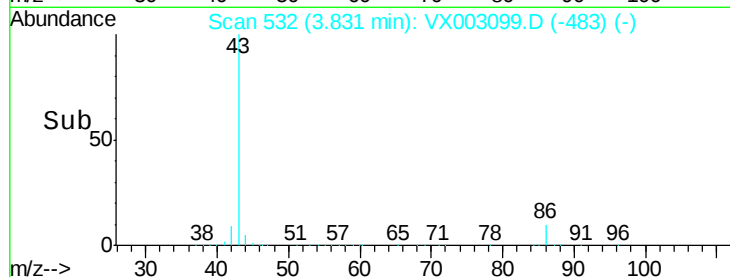
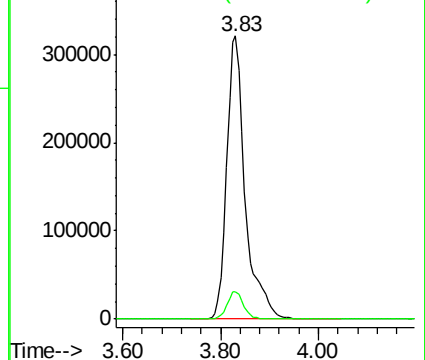
sam

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.04 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

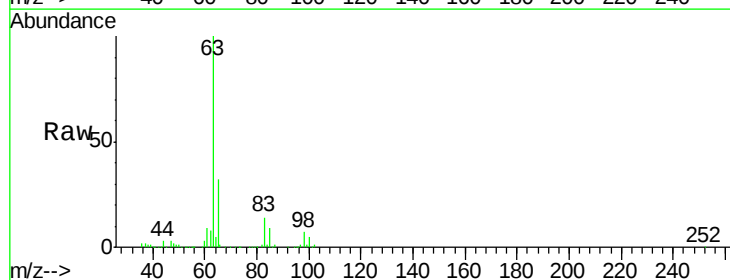
Tgt Ion: 63 Resp: 103010

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

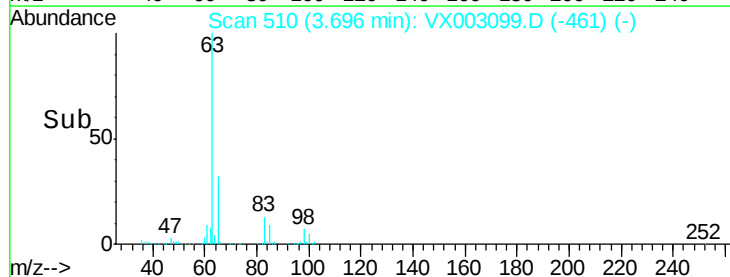
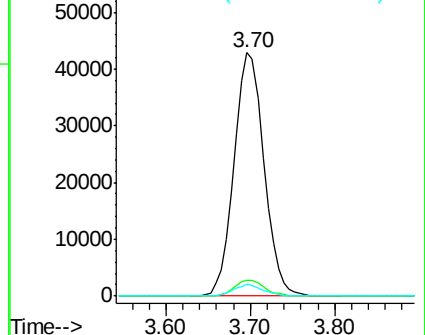
100 4.8 2.0 6.0

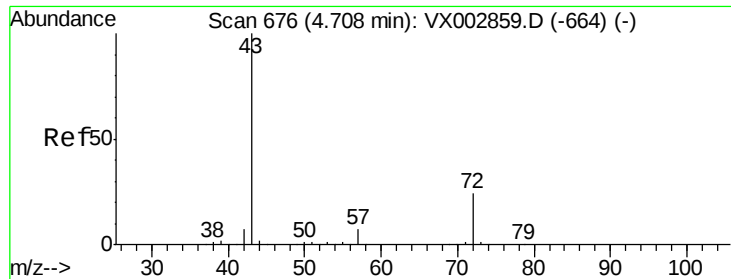


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.16 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 43 Resp: 235783

Ion Ratio Lower Upper

43 100

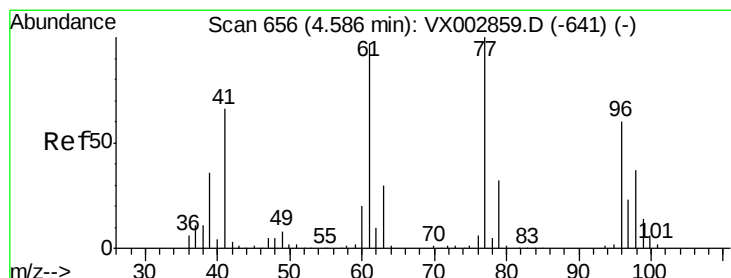
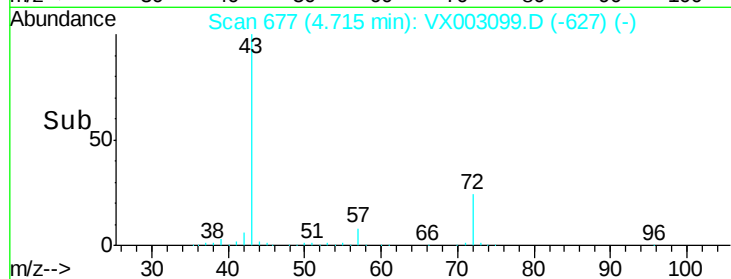
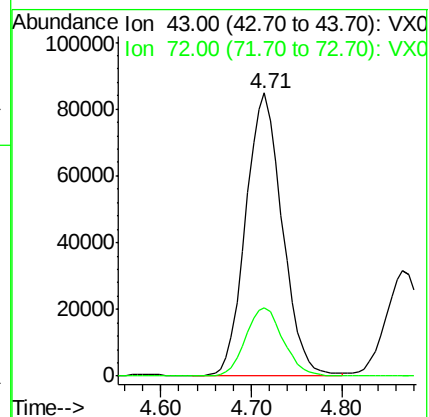
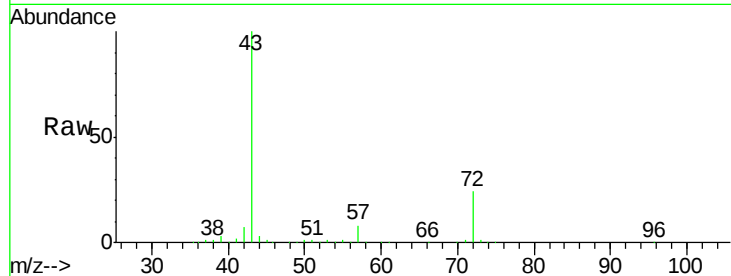
72 24.3 18.5 27.7

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 11.10 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003099.D

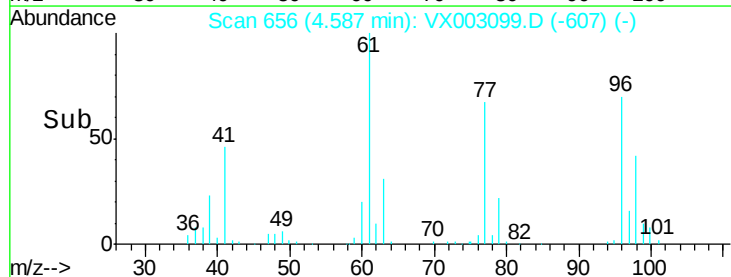
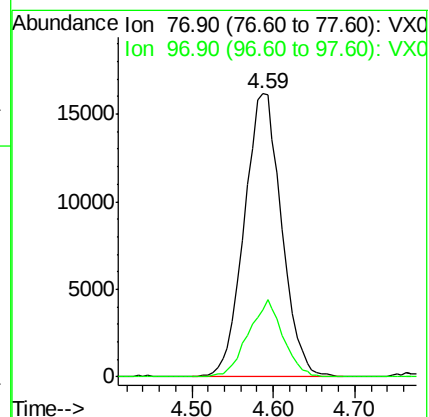
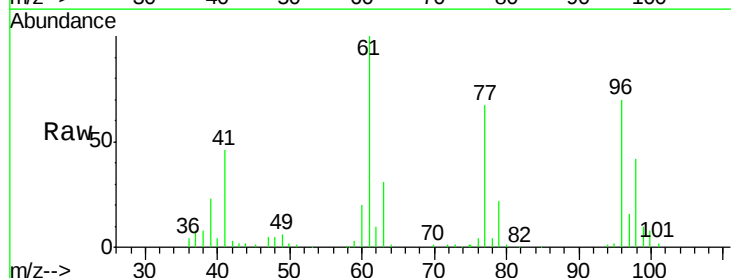
Acq: 01 Jul 2018 01:34

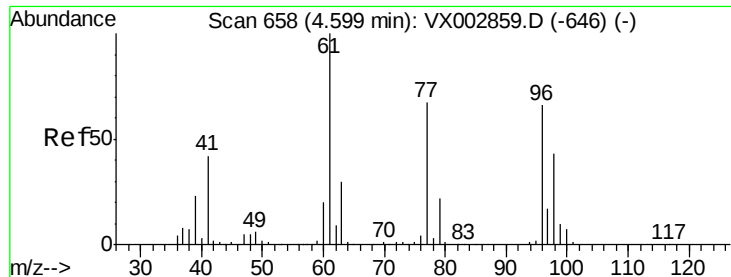
Tgt Ion: 77 Resp: 51532

Ion Ratio Lower Upper

77 100

97 25.3 11.2 33.5





#27

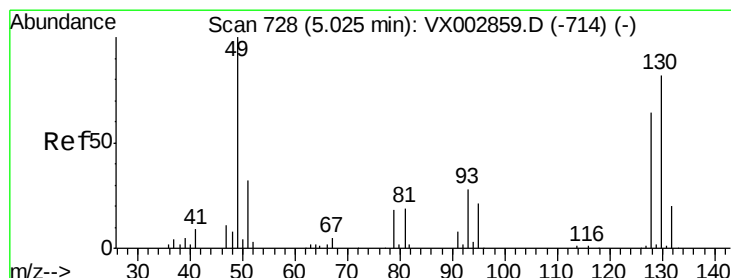
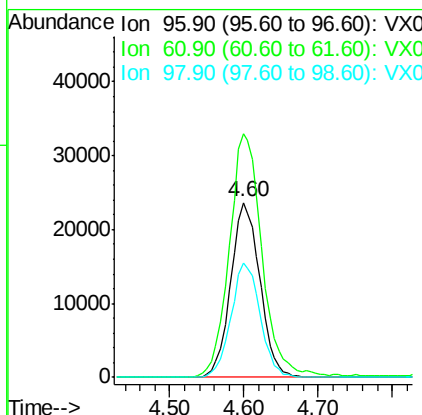
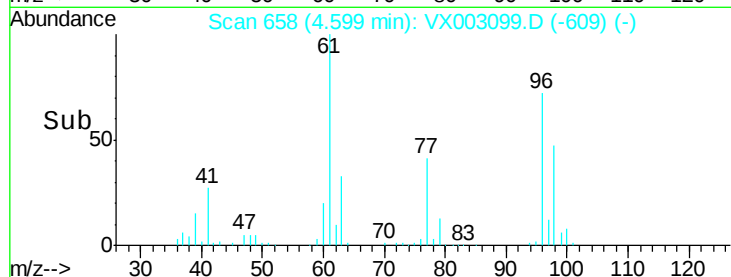
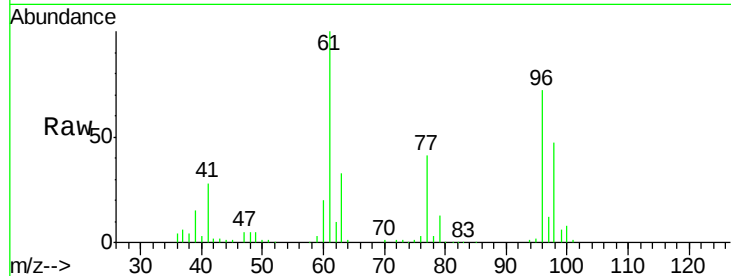
cis-1,2-Dichloroethene  
Concen: 19.13 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 156.4 | 0.0   | 330.2 |
| 98      | 65.4  | 0.0   | 130.2 |

Manual Integrations  
APPROVED

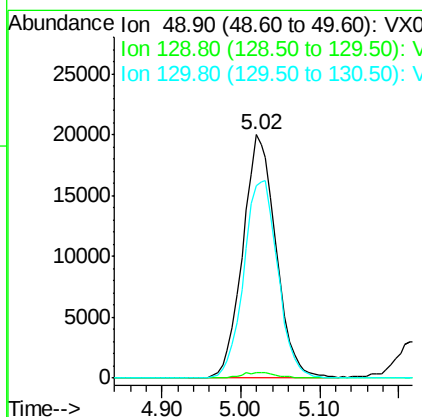
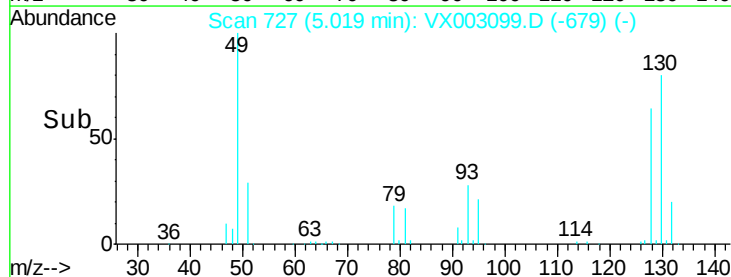
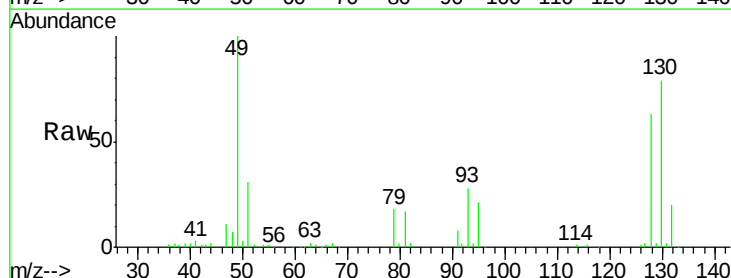
sam  
7/3/2018 5:07:25 PM

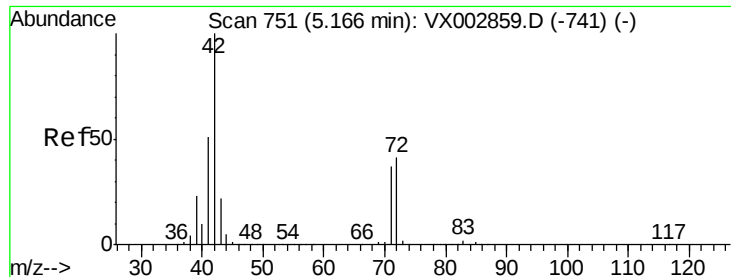


#28

Bromochloromethane  
Concen: 21.43 ug/l  
RT: 5.02 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.2   |
| 130     | 83.0  | 61.2  | 91.8  |





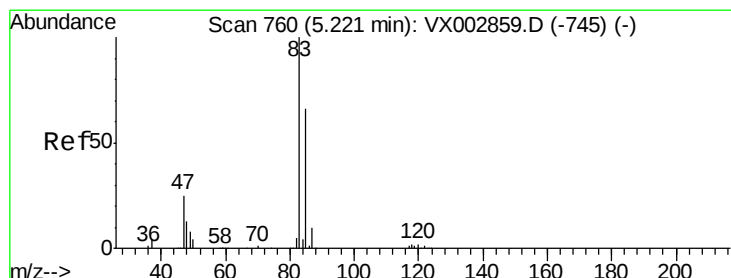
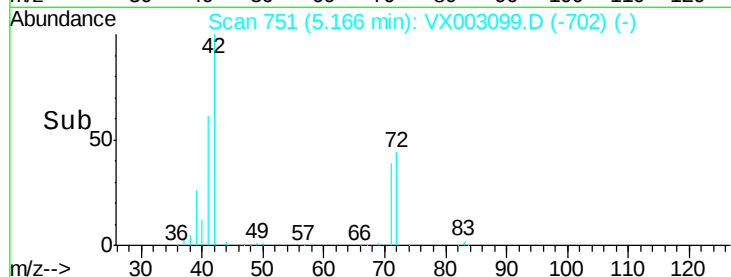
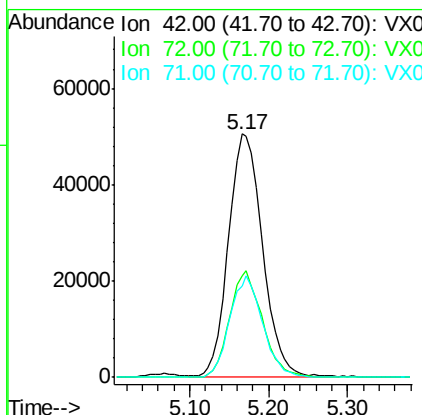
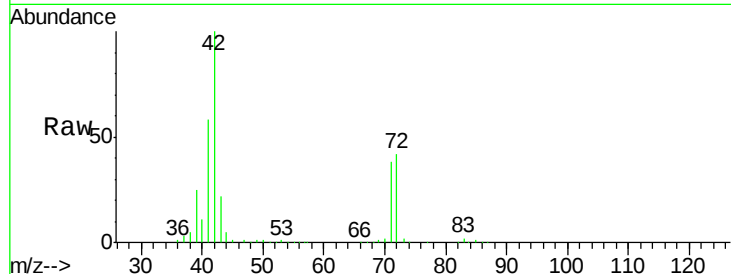
#29  
Tetrahydrofuran  
Concen: 98.06 ug/l  
RT: 5.17 min Scan# 751  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.6  | 32.0  | 48.0  |
| 71      | 40.5  | 30.1  | 45.1  |

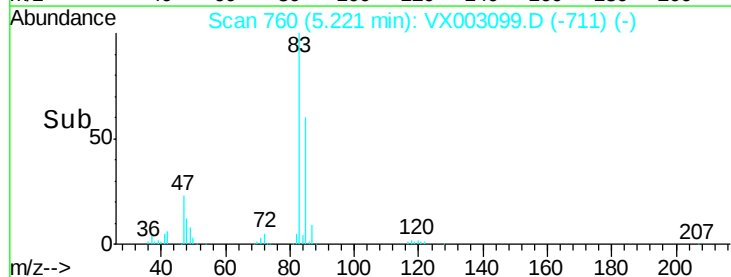
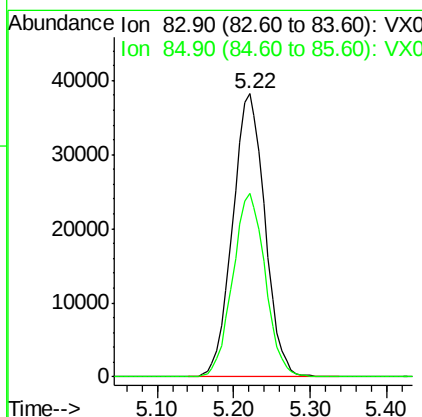
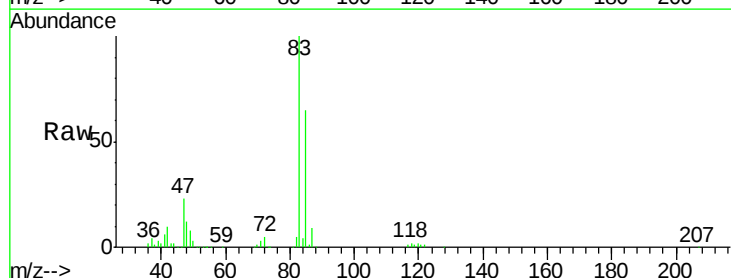
Manual Integrations  
APPROVED

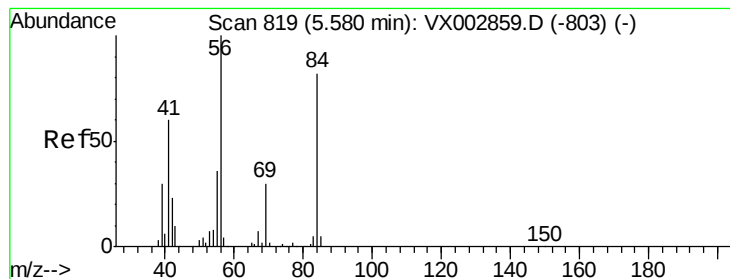
sam  
7/3/2018 5:07:25 PM



#30  
Chloroform  
Concen: 19.06 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.0  | 50.4  | 75.6  |





#31

Cyclohexane

Concen: 18.44 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

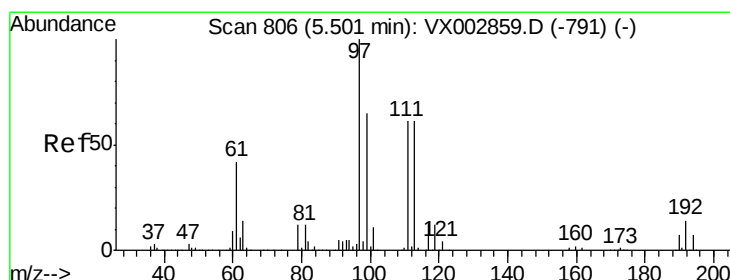
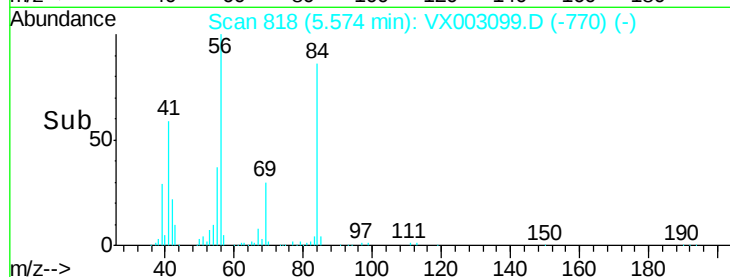
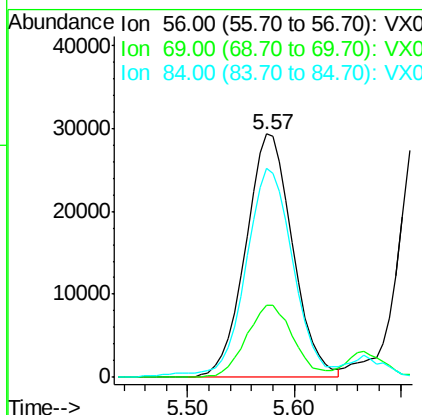
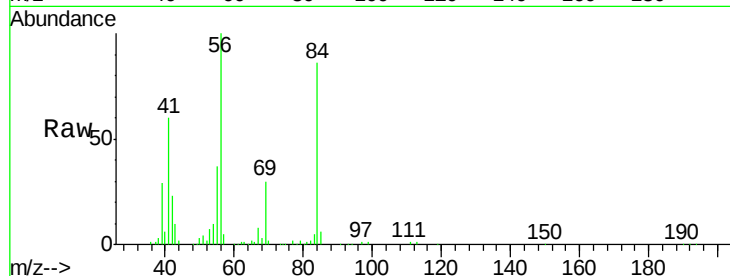
ClientSampleId :

VX0630WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 90381 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 29.4  | 23.7  | 35.5  |
| 84       | 83.9  | 64.1  | 96.1  |

Manual Integrations  
APPROVED

sam  
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#32

1,1,1-Trichloroethane

Concen: 18.64 ug/l

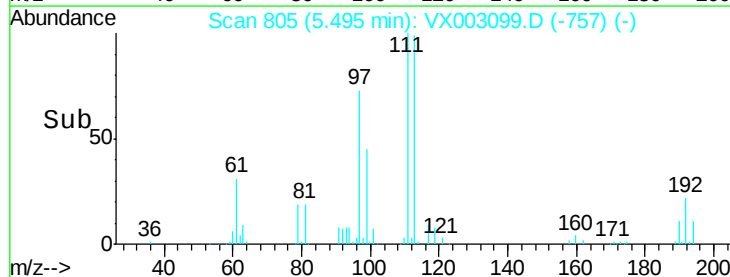
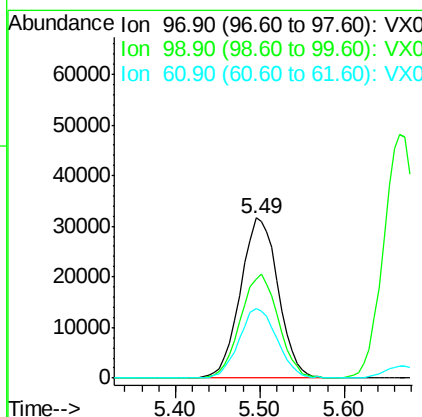
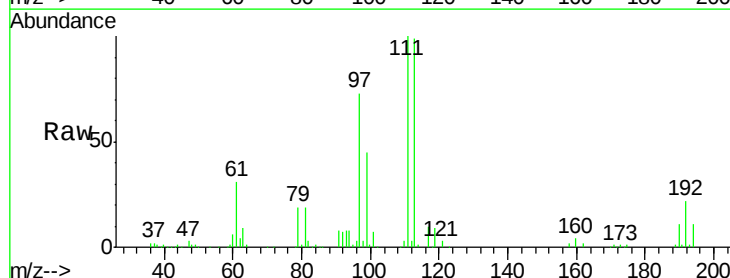
RT: 5.49 min Scan# 805

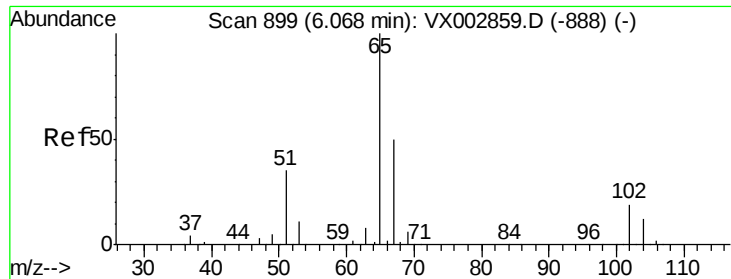
Delta R.T. -0.01 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 96144 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 65.0  | 51.6  | 77.4  |
| 61       | 43.9  | 36.4  | 54.6  |





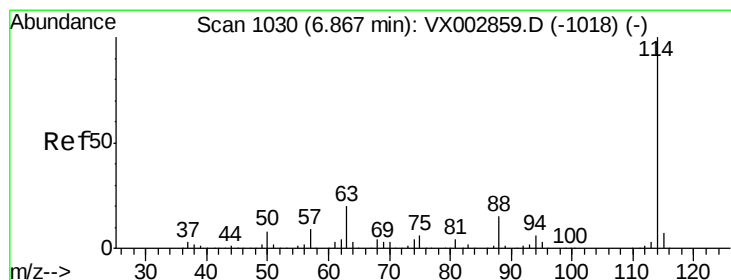
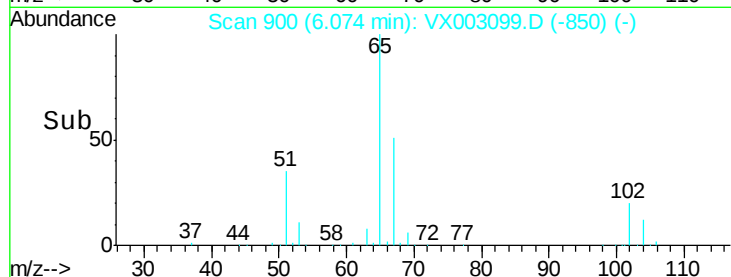
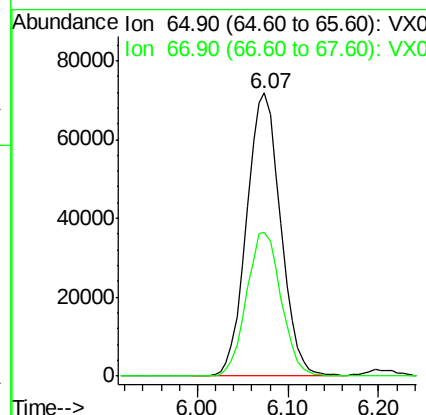
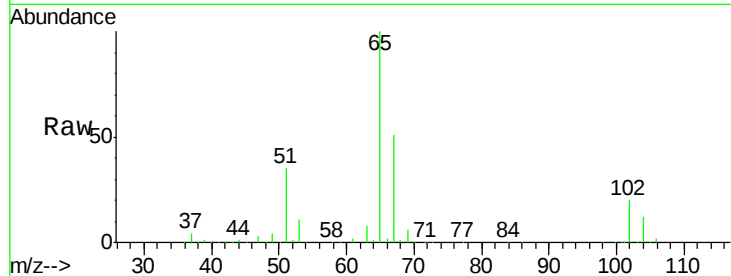
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.72 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.01 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 186525 |       |       |
| 67      | 51.5  | 0.0    | 102.6 |       |

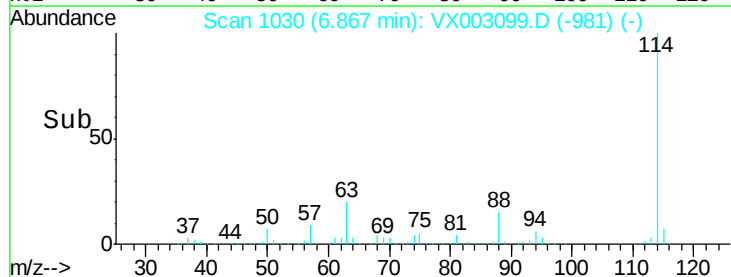
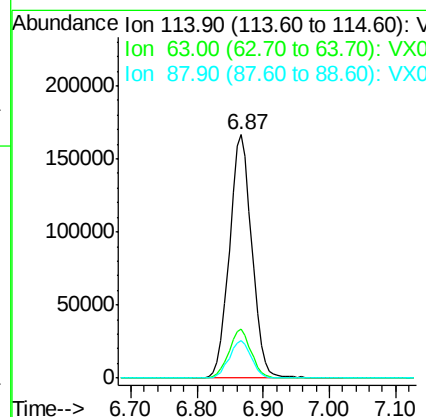
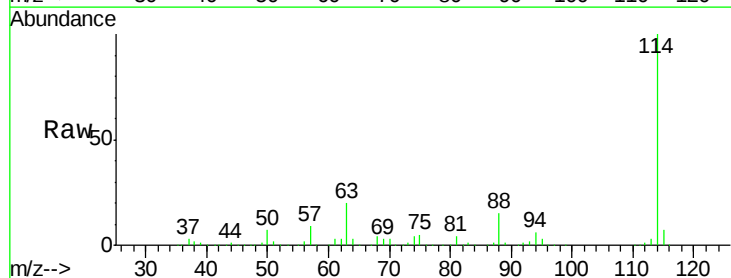
Manual Integrations  
 APPROVED

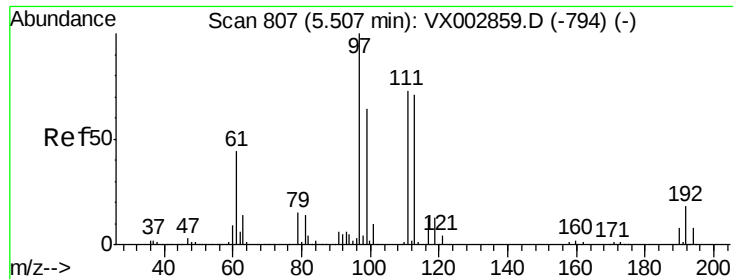
sam  
 7/3/2018 5:07:25 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 390699 |       |       |
| 63      | 19.9  | 0.0    | 41.4  |       |
| 88      | 15.4  | 0.0    | 30.0  |       |





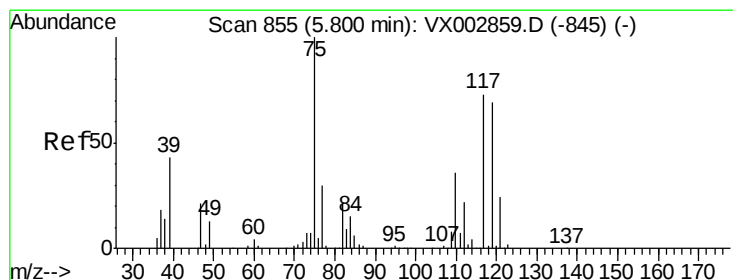
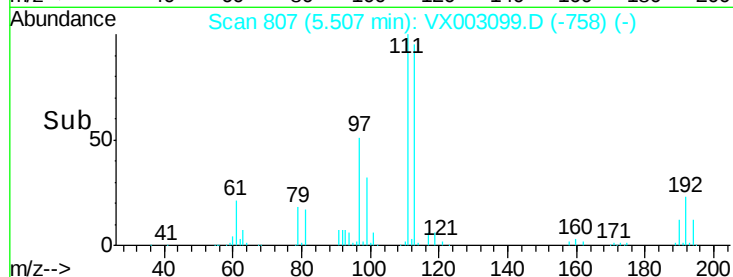
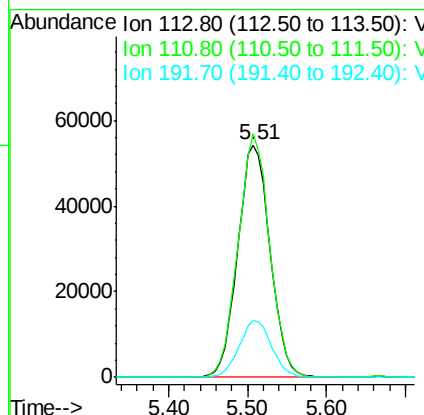
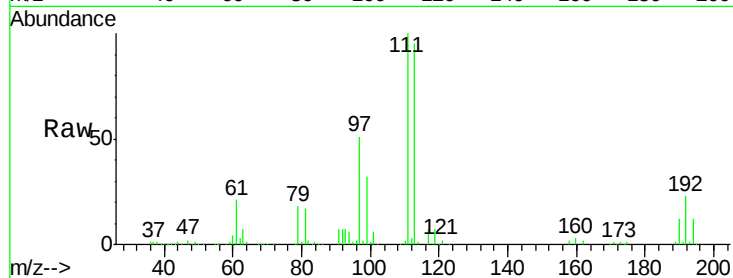
#35  
 Dibromofluoromethane  
 Concen: 50.09 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 154991 |       |       |
| 111     | 102.2 | 81.4   | 122.0 |       |
| 192     | 24.7  | 19.1   | 28.7  |       |

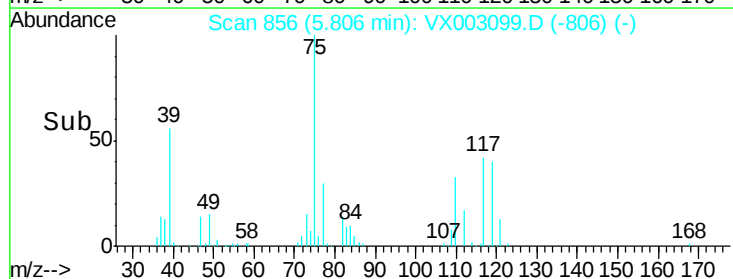
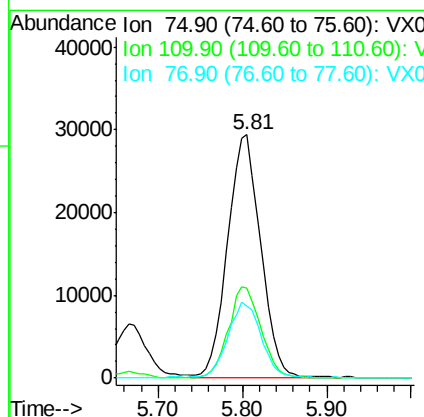
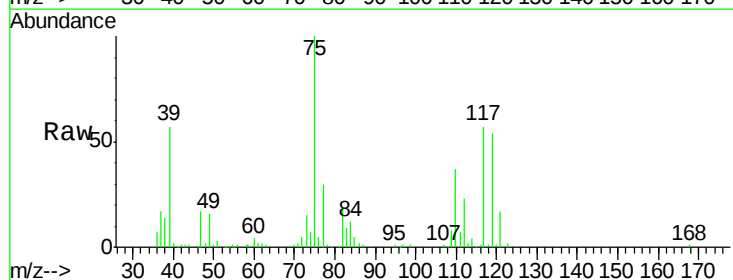
Manual Integrations  
 APPROVED

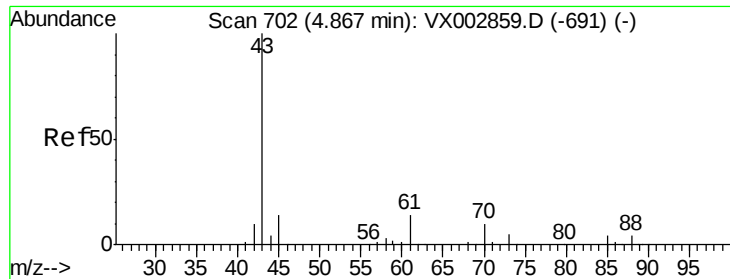
sam  
 7/3/2018 5:07:25 PM



#36  
 1,1-Dichloropropene  
 Concen: 18.17 ug/l  
 RT: 5.81 min Scan# 856  
 Delta R.T. 0.01 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 77857 |       |       |
| 110     | 37.4  | 18.1  | 54.4  |       |
| 77      | 31.8  | 24.3  | 36.5  |       |





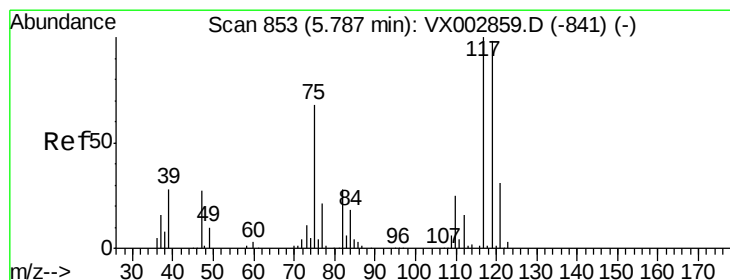
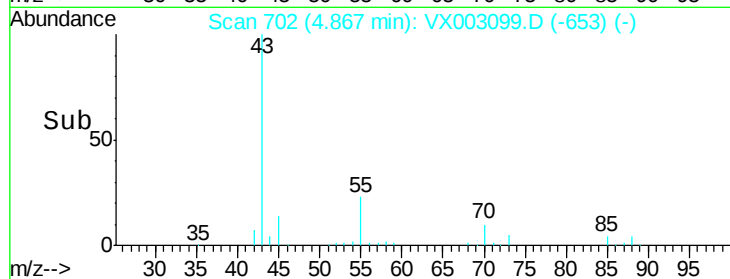
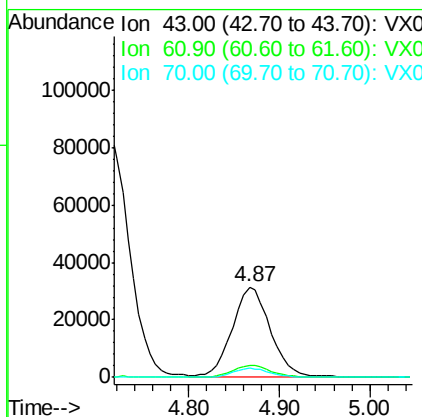
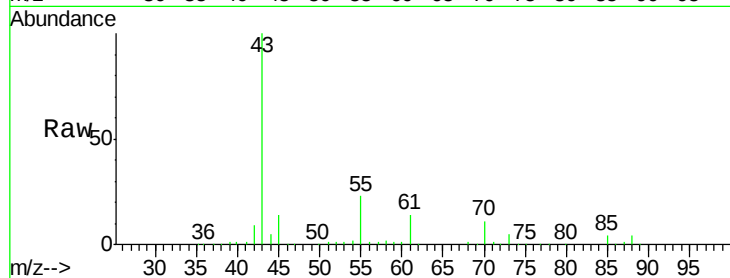
#37  
Ethyl Acetate  
Concen: 19.66 ug/l  
RT: 4.87 min Scan# 702  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.5  | 10.4  | 15.6  |
| 70      | 10.2  | 7.6   | 11.4  |

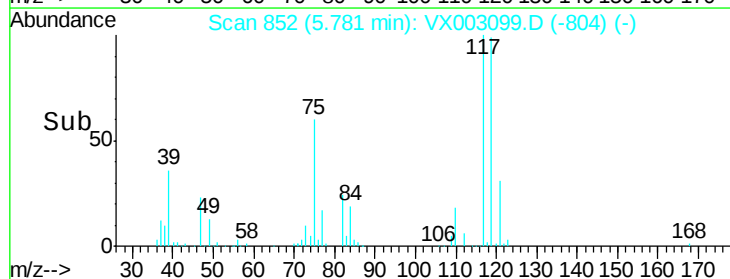
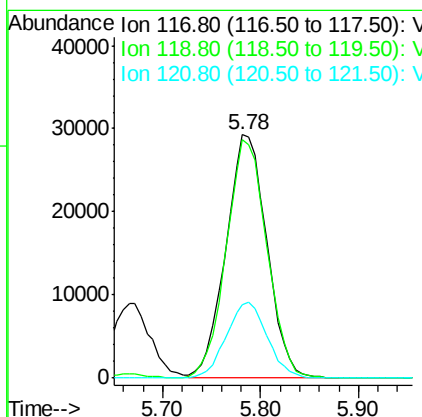
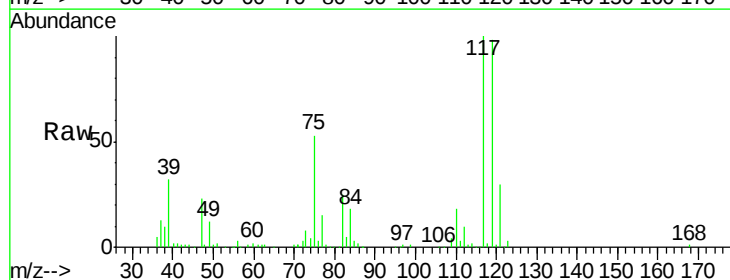
Manual Integrations  
APPROVED

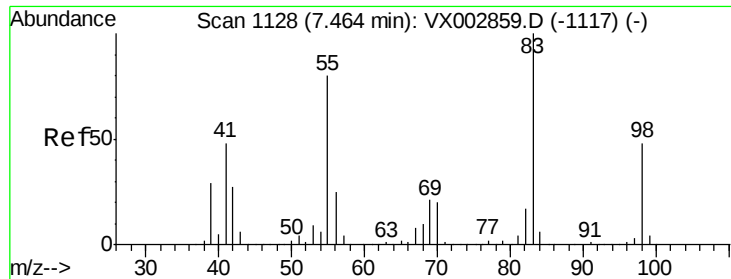
sam  
7/3/2018 5:07:25 PM



#38  
Carbon Tetrachloride  
Concen: 18.01 ug/l  
RT: 5.78 min Scan# 852  
Delta R.T. -0.01 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.4  | 77.4  | 116.0 |
| 121     | 30.1  | 24.4  | 36.6  |





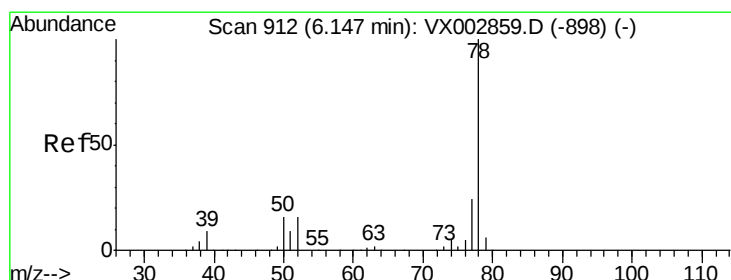
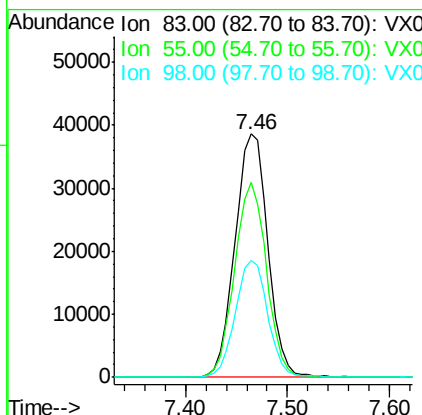
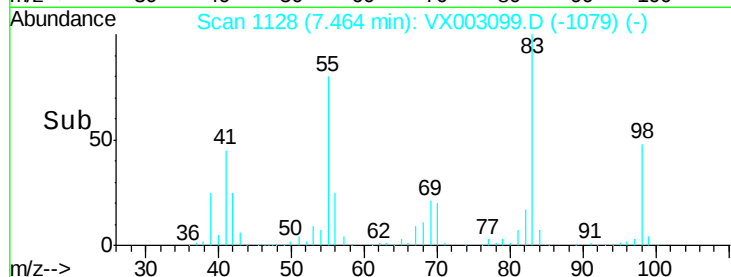
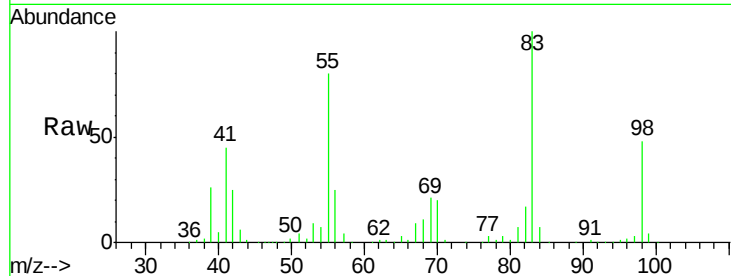
#39  
Methvlcvclohexane  
Concen: 17.30 ug/l  
RT: 7.46 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0630WBSD02

| Tot Ion   | 83   | Resp  | 86313 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 55        | 80.3 | 65.4  | 98.0  |
| 98        | 48.1 | 37.4  | 56.0  |

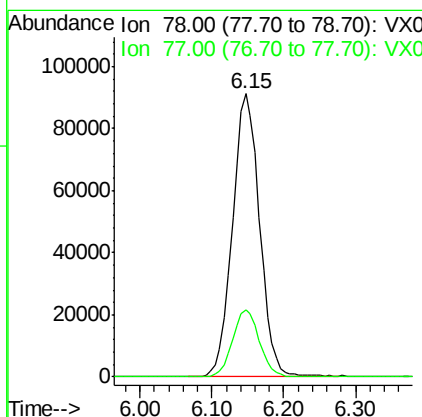
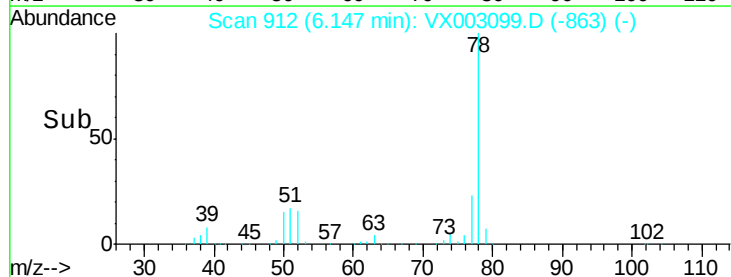
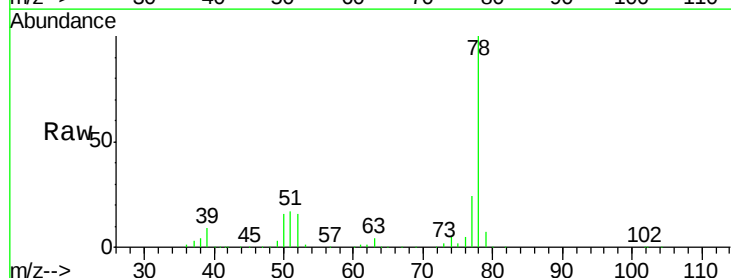
Manual Integrations  
APPROVED

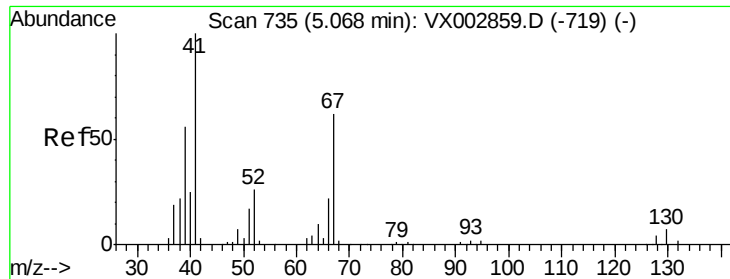
sam  
7/3/2018 5:07:25 PM



#40  
Benzene  
Concen: 19.16 ug/l  
RT: 6.15 min Scan# 912  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion   | 78   | Resp  | 238533 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 78        | 100  |       |        |
| 77        | 23.6 | 19.1  | 28.7   |





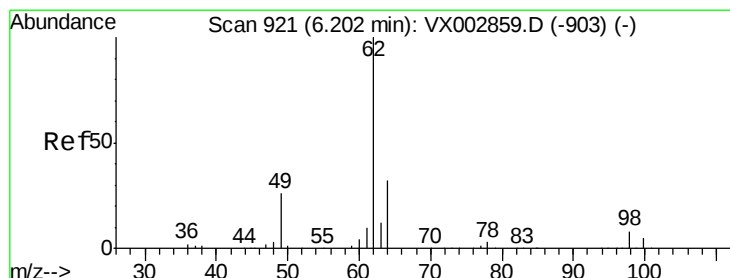
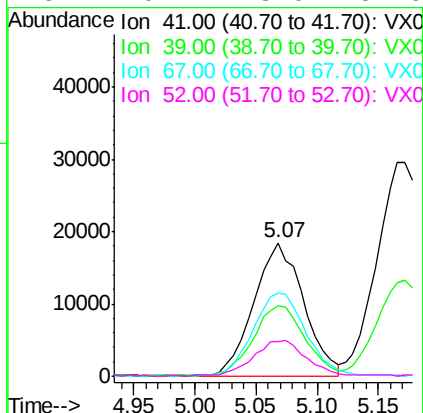
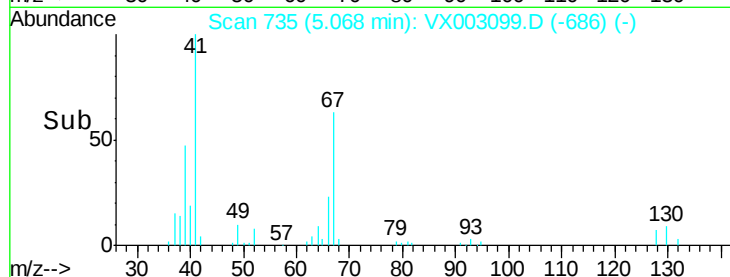
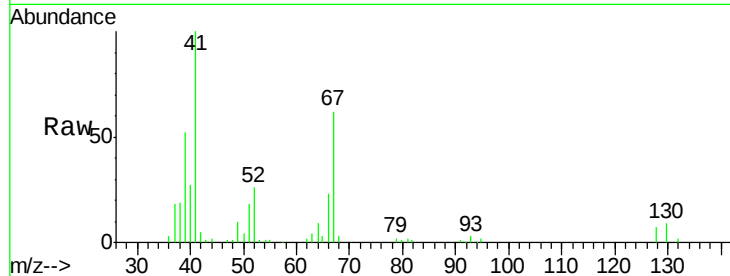
#41  
Methacrylonitrile  
Concen: 19.65 ug/l  
RT: 5.07 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 52193 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.9  | 45.8  | 68.6  |
| 67       | 66.9  | 51.3  | 76.9  |
| 52       | 29.2  | 23.0  | 34.6  |

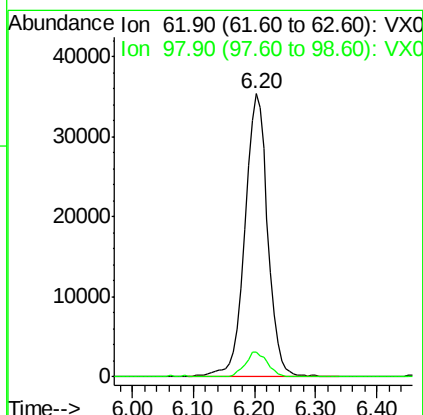
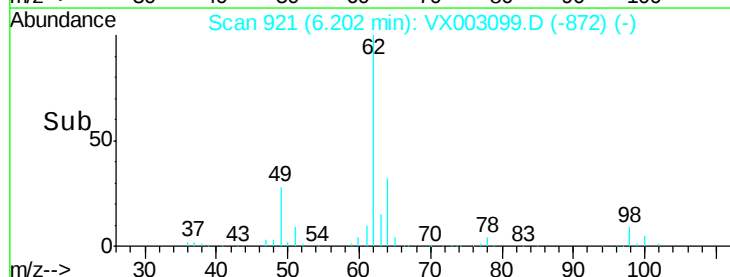
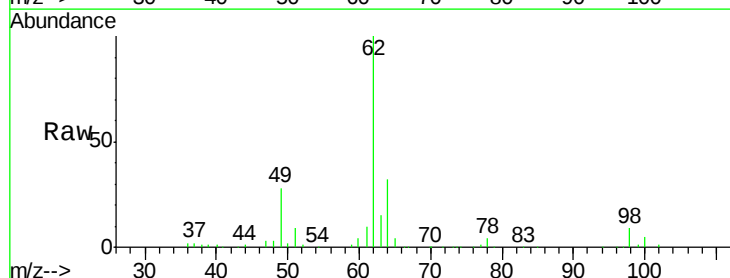
Manual Integrations  
APPROVED

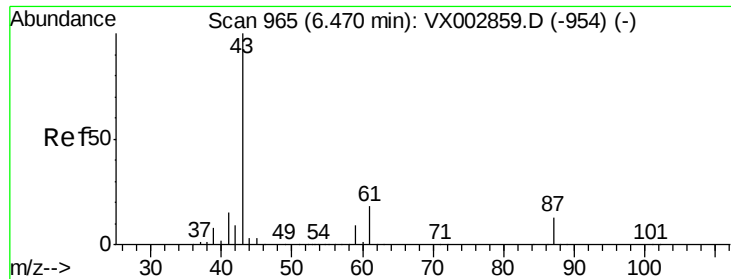
sam  
7/3/2018 5:07:25 PM



#42  
1,2-Dichloroethane  
Concen: 18.29 ug/l  
RT: 6.20 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 91958 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.8   | 0.0   | 16.6  |





#43

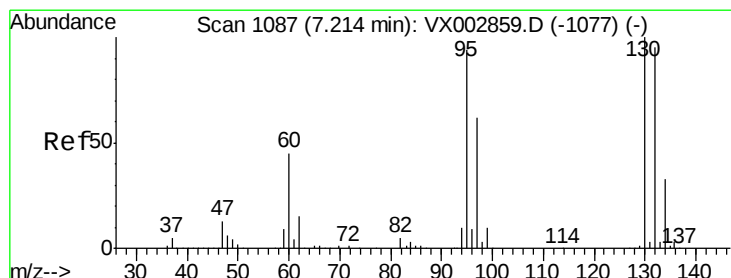
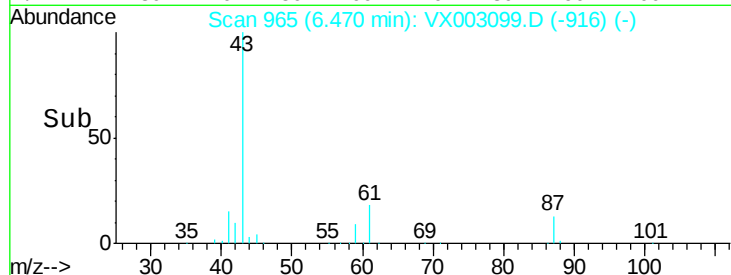
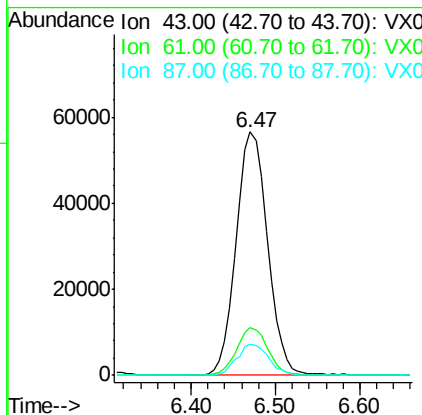
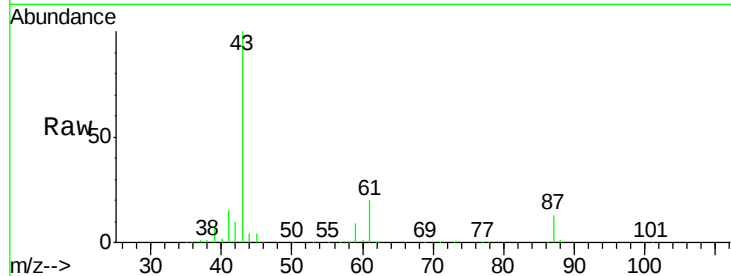
Isopropyl Acetate  
 Concen: 18.36 ug/l  
 RT: 6.47 min Scan# 965  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0630WBSD02

| Tot Ion | 43     | 61   | 87   |
|---------|--------|------|------|
| Resp    | 142079 |      |      |
| Ratio   | 100    | 19.6 | 13.0 |
| Lower   |        | 14.4 | 9.5  |
| Upper   |        | 21.6 | 14.3 |

Manual Integrations  
 APPROVED

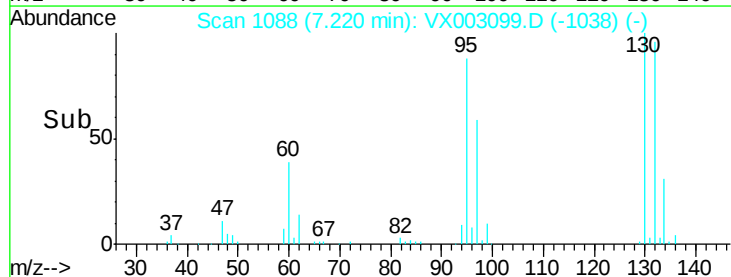
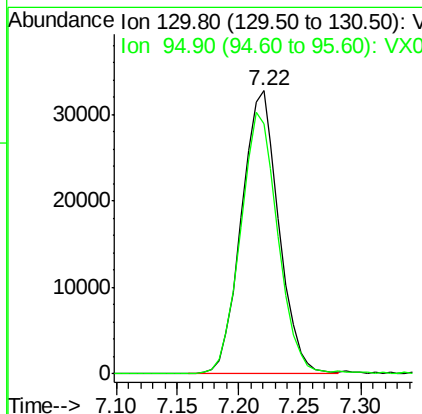
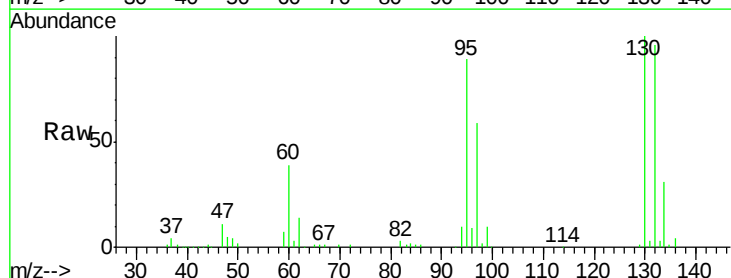
sam  
 7/3/2018 5:07:25 PM

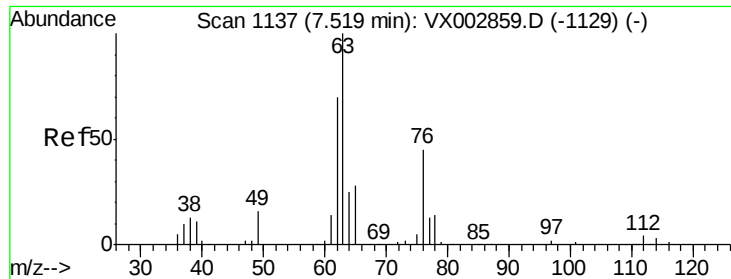


#44

Trichloroethene  
 Concen: 18.74 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. 0.01 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

| Tgt Ion | 130   | 95    |
|---------|-------|-------|
| Resp    | 69547 |       |
| Ratio   | 100   | 88.5  |
| Lower   |       | 0.0   |
| Upper   |       | 185.4 |





#45

1,2-Dichloropropane

Concen: 19.02 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 63 Resp: 62794

Ion Ratio Lower Upper

63 100

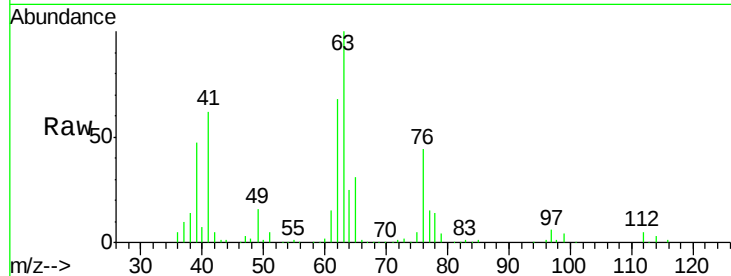
65 30.5 24.7 37.1

Manual Integrations

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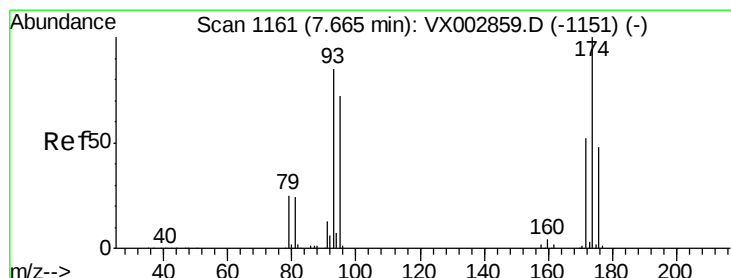
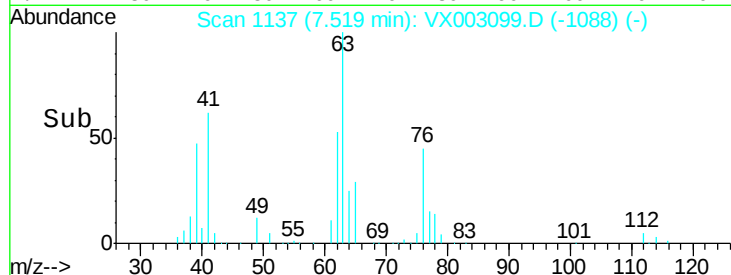
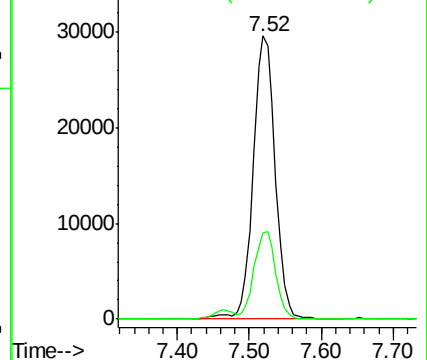
sam

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.67 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

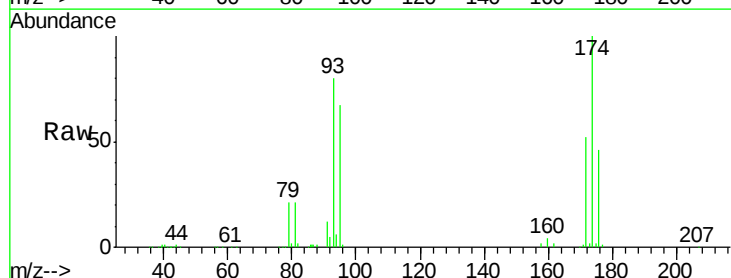
Tgt Ion: 93 Resp: 42783

Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

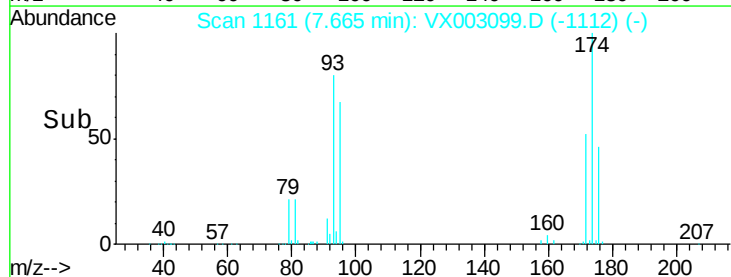
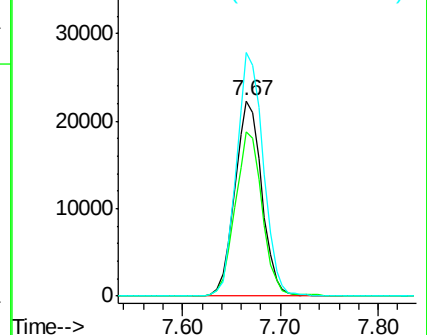
174 123.8 92.4 138.6

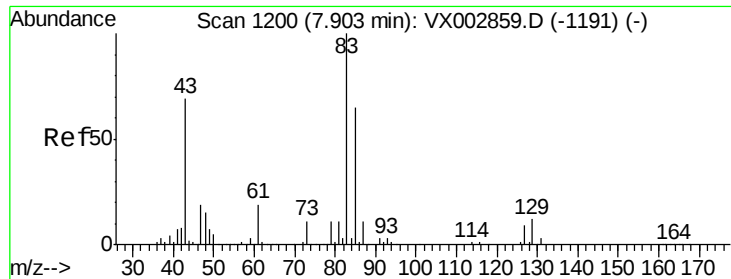


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.28 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

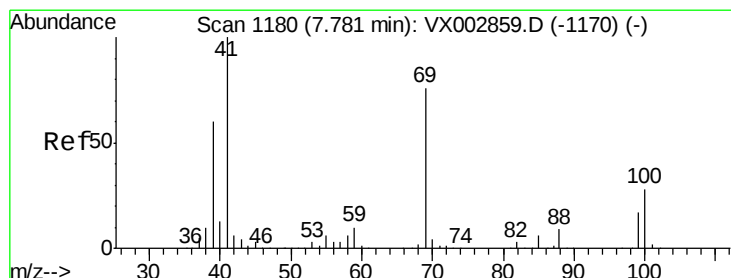
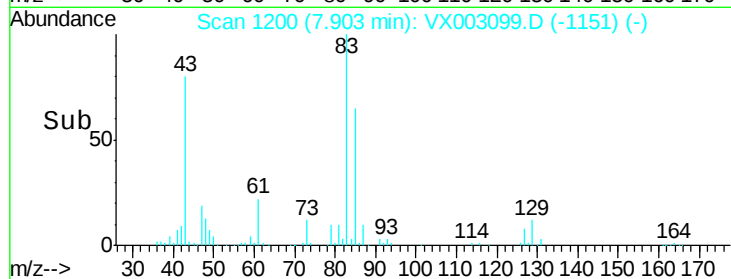
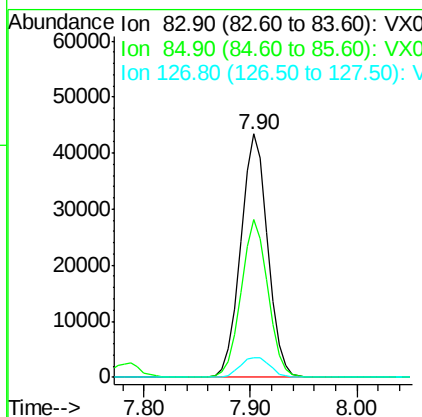
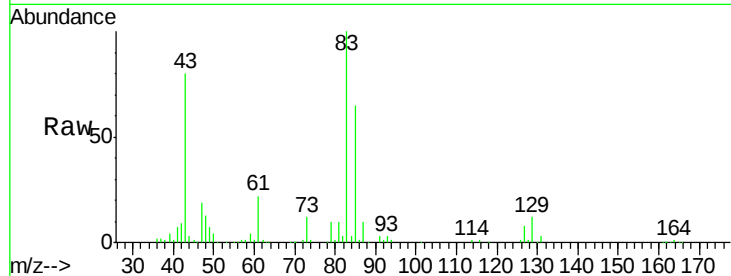
ClientSampleId :

VX0630WBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 77426 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.0  | 50.3  | 75.5  |
| 127      | 8.2   | 7.0   | 10.4  |

Manual Integrations  
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sam  
7/3/2018 5:07:25 PM



#48

Methyl methacrylate

Concen: 18.21 ug/l

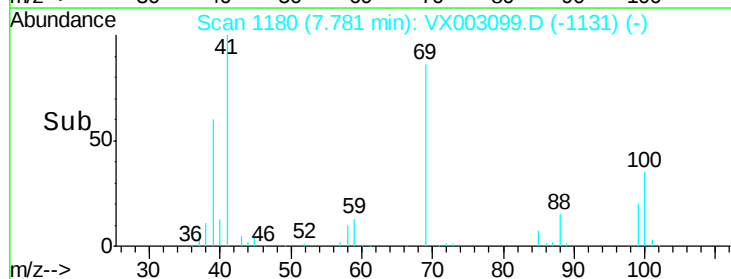
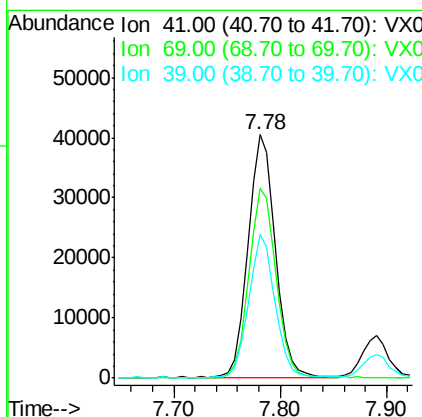
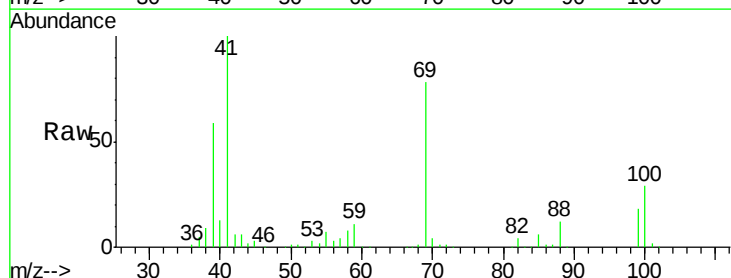
RT: 7.78 min Scan# 1180

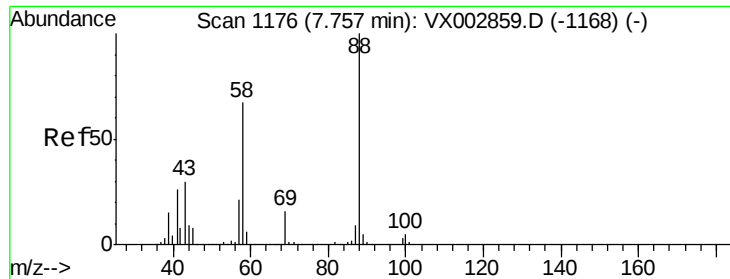
Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 72594 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 78.3  | 59.1  | 88.7  |
| 39       | 56.9  | 48.9  | 73.3  |





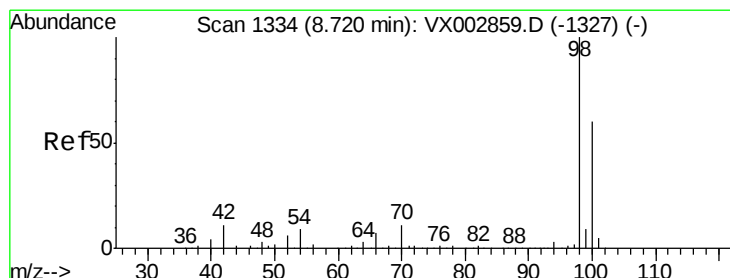
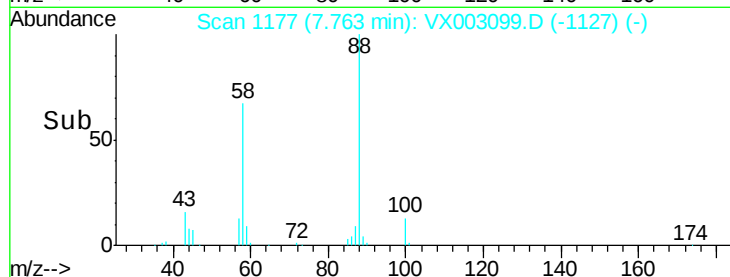
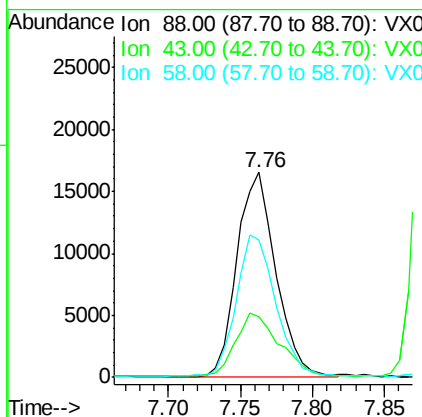
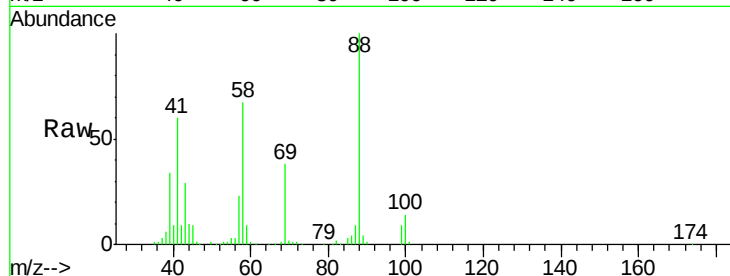
#49  
1,4-Dioxane  
Concen: 400.56 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. 0.01 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.5  | 29.8  | 44.6  |
| 58      | 71.4  | 57.1  | 85.7  |

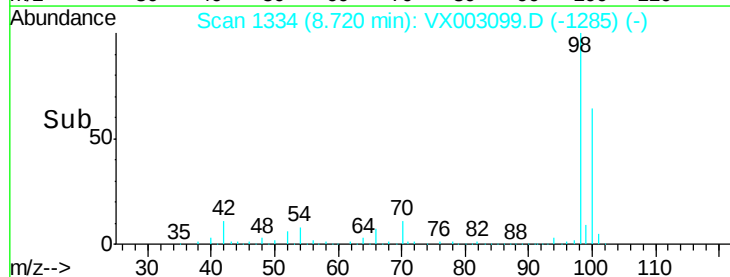
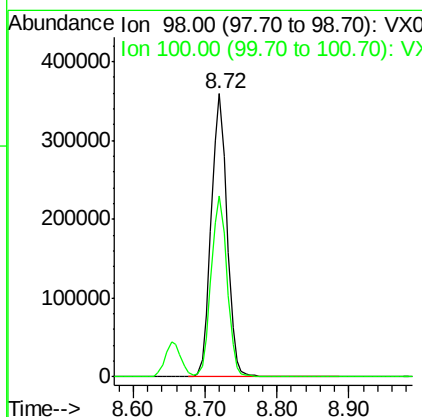
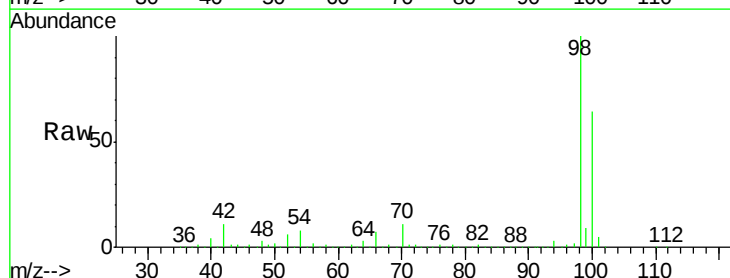
Manual Integrations  
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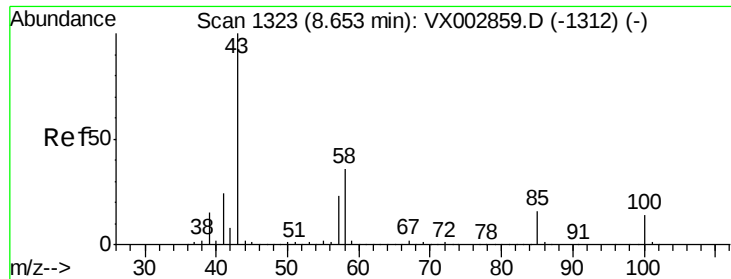
sam  
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#50  
Toluene-d8  
Concen: 48.25 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 50.9  | 76.3  |





#51

4-Methyl-2-Pentanone

Concen: 96.45 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampled :

VX0630WBSD02

Tot Ion: 43 Resp: 466896

Ion Ratio Lower Upper

43 100

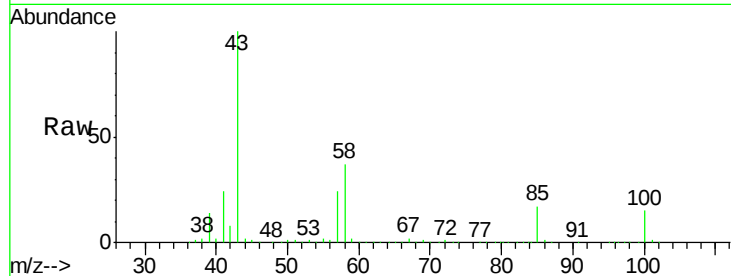
58 37.3 28.6 42.8

Manual Integrations

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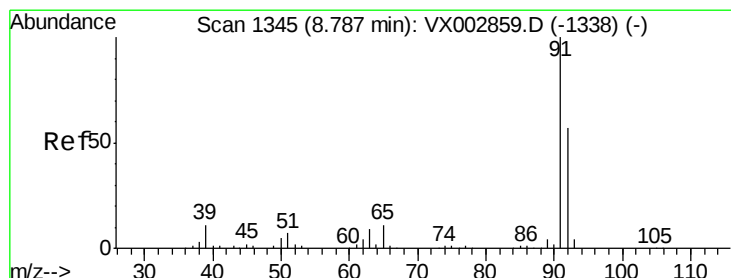
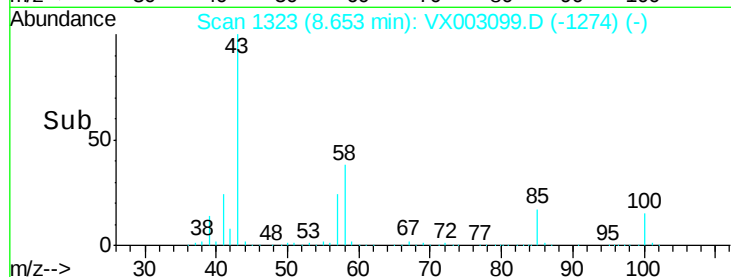
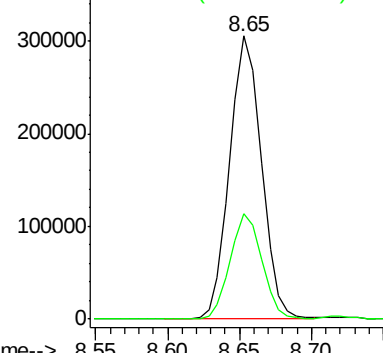
sam

7/3/2018 5:07:25 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.19 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003099.D

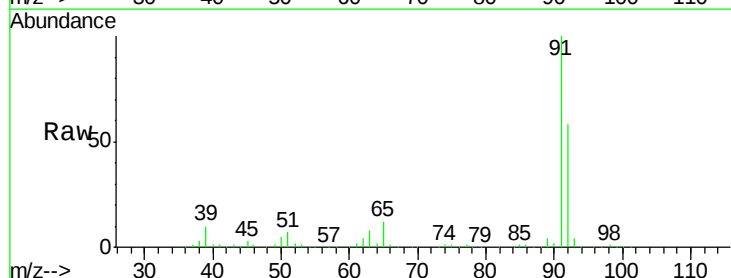
Acq: 01 Jul 2018 01:34

Tgt Ion: 92 Resp: 153046

Ion Ratio Lower Upper

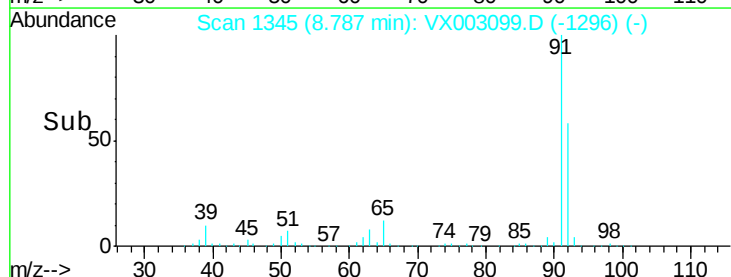
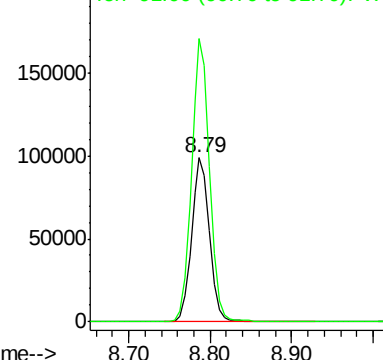
92 100

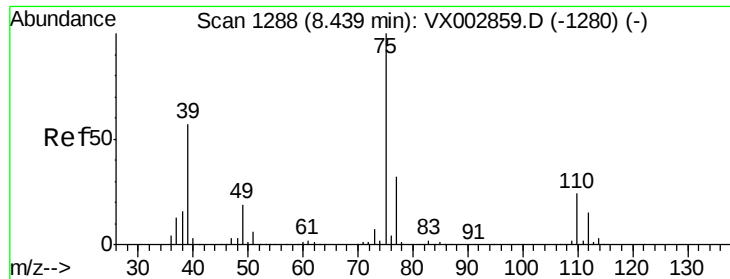
91 173.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





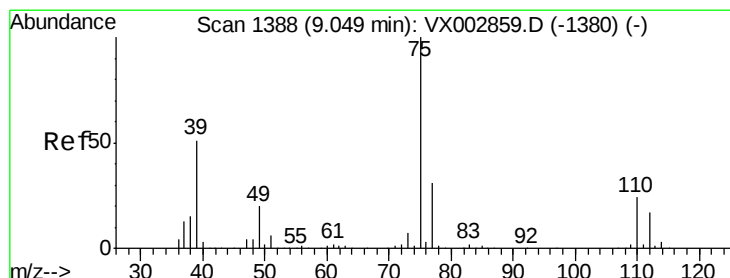
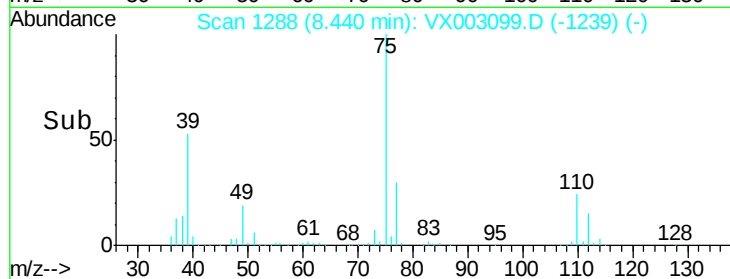
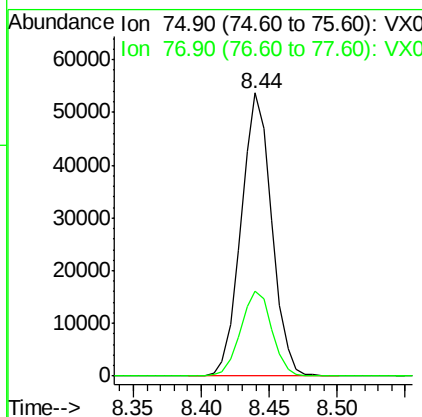
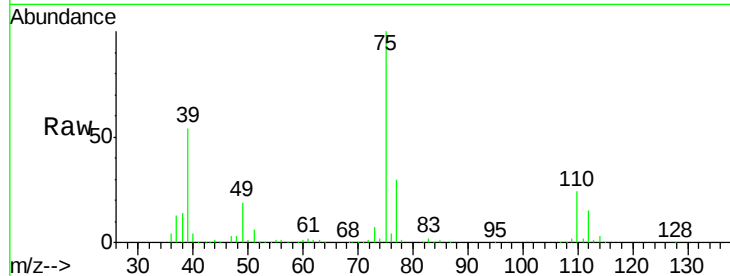
#53  
t-1,3-Dichloropropene  
Concen: 17.57 ug/l  
RT: 8.44 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

Tot Ion: 75 Resp: 84289  
Ion Ratio Lower Upper  
75 100  
77 30.2 25.4 38.2

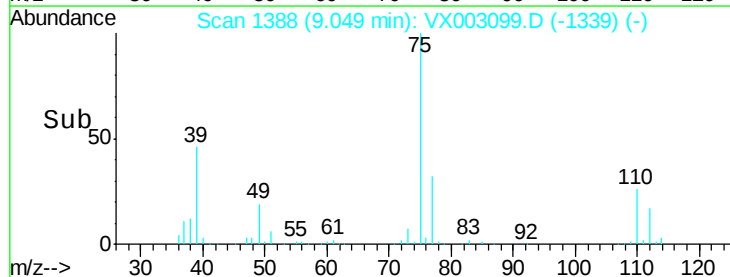
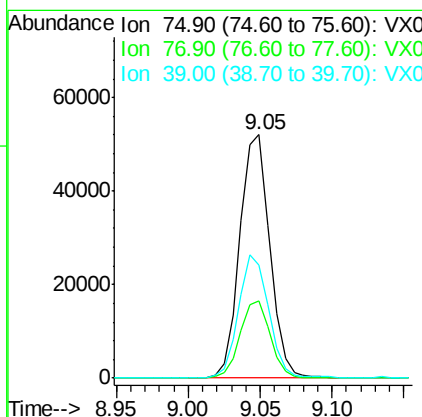
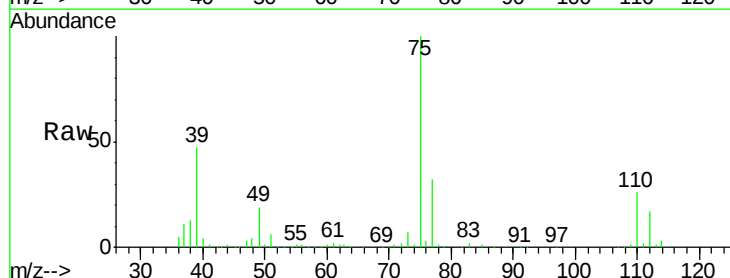
Manual Integrations  
APPROVED

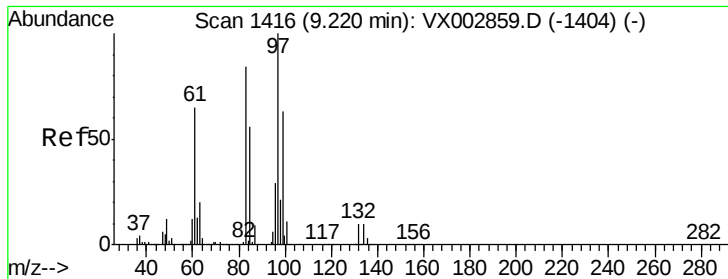
sam  
7/3/2018 5:07:25 PM



#54  
cis-1,3-Dichloropropene  
Concen: 16.39 ug/l  
RT: 9.05 min Scan# 1388  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Tgt Ion: 75 Resp: 75677  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.8 37.2  
39 46.4 42.4 63.6





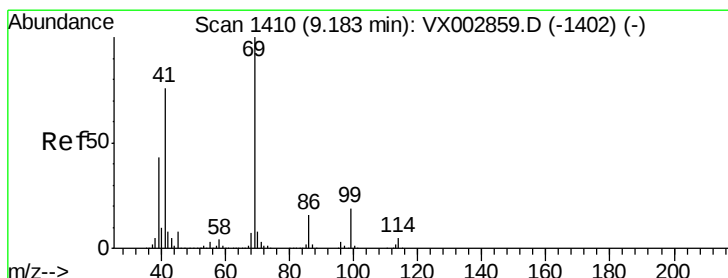
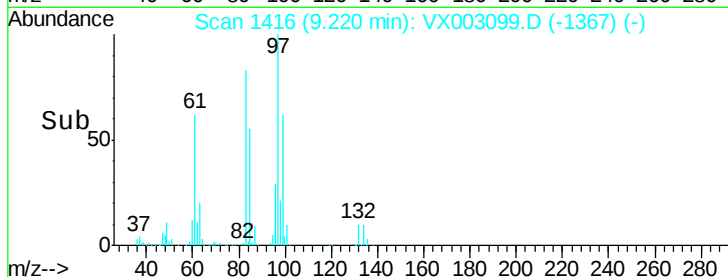
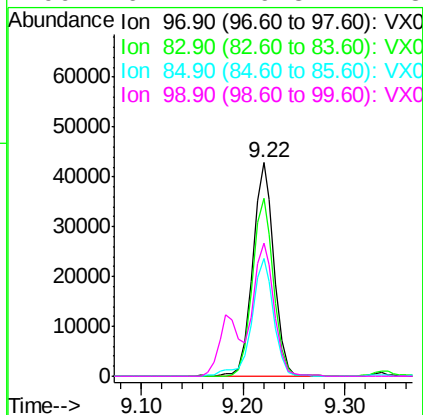
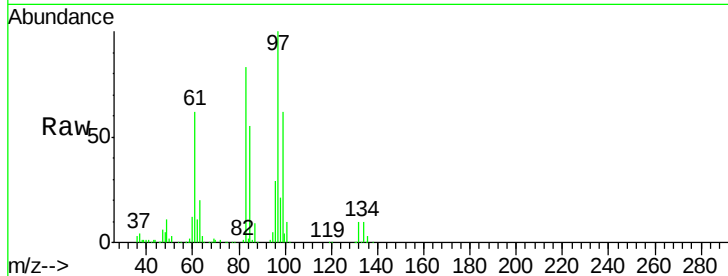
#55  
 1,1,2-Trichloroethane  
 Concen: 19.13 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 83.4  | 70.2  | 105.2 |
| 85      | 55.0  | 44.9  | 67.3  |
| 99      | 62.4  | 49.8  | 74.8  |

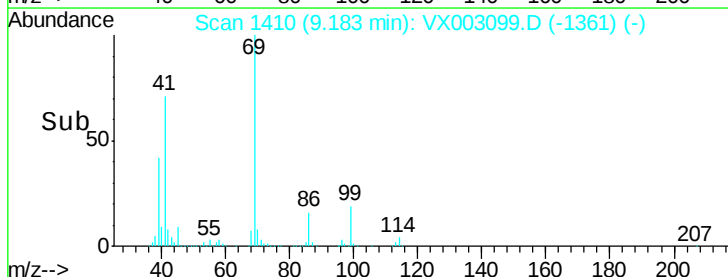
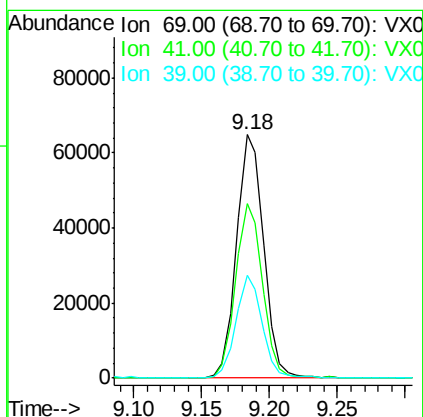
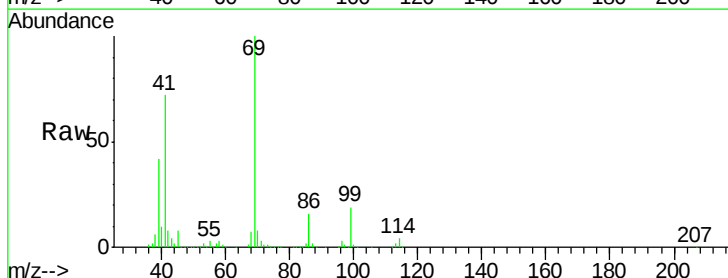
Manual Integrations  
 APPROVED

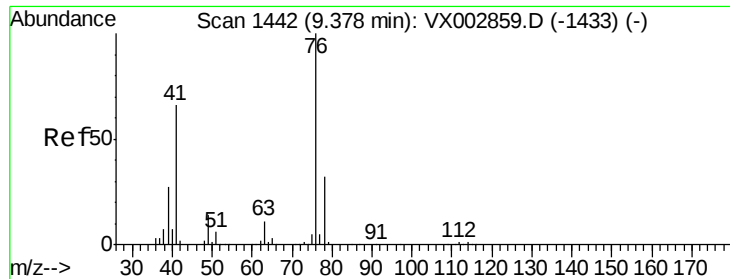
sam  
 7/3/2018 5:07:25 PM



#56  
 Ethyl methacrylate  
 Concen: 18.82 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 71.3  | 60.3  | 90.5  |
| 39      | 40.2  | 35.8  | 53.8  |





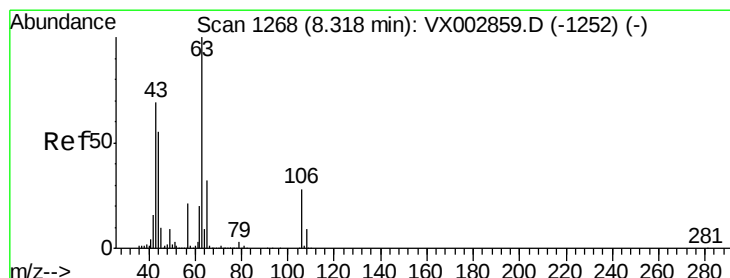
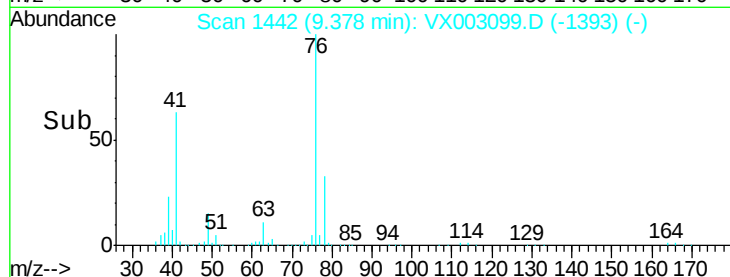
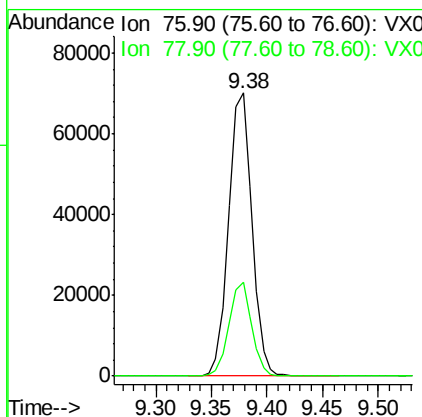
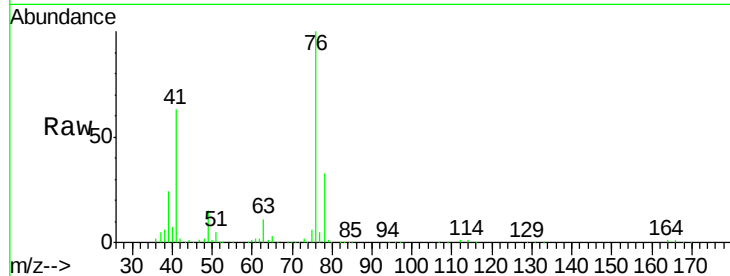
#57  
 1,3-Dichloropropane  
 Concen: 18.96 ug/l  
 RT: 9.38 min Scan# 1442  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.1  | 25.8  | 38.6  |

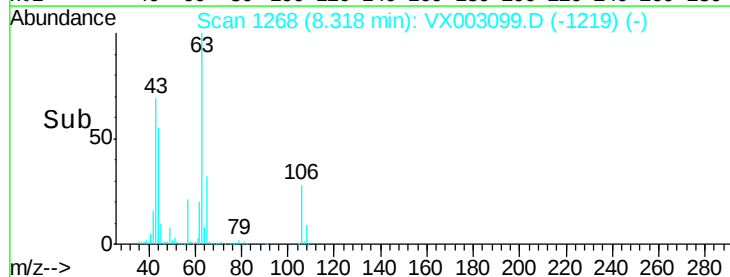
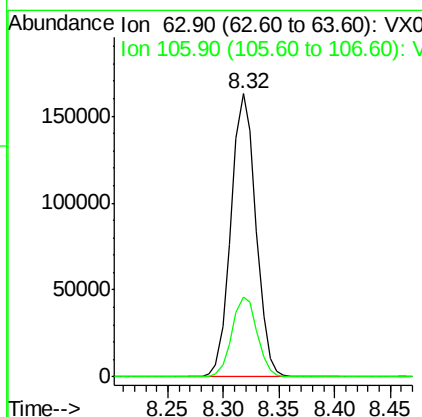
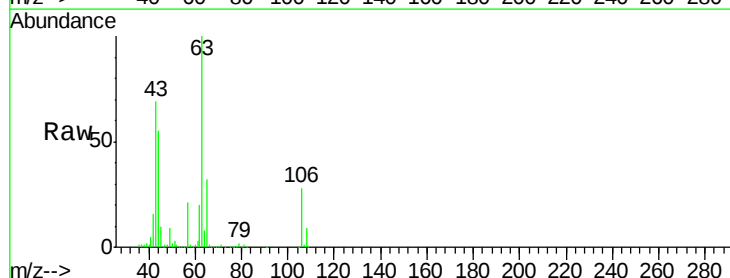
Manual Integrations  
 APPROVED

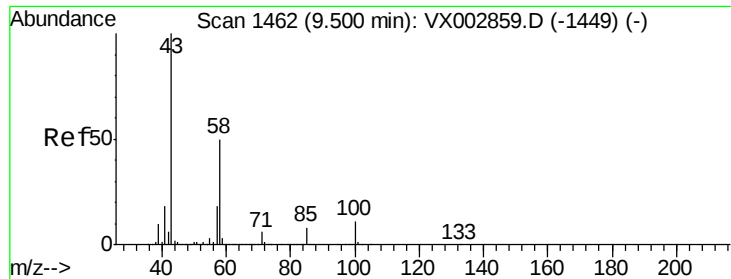
sam  
 7/3/2018 5:07:25 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 109.46 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 28.8  | 21.8  | 32.8  |





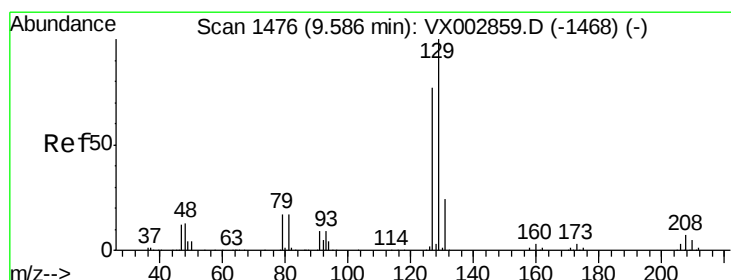
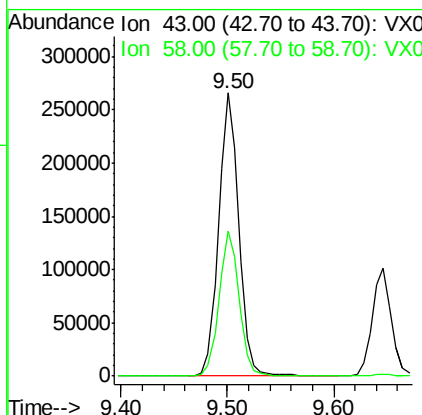
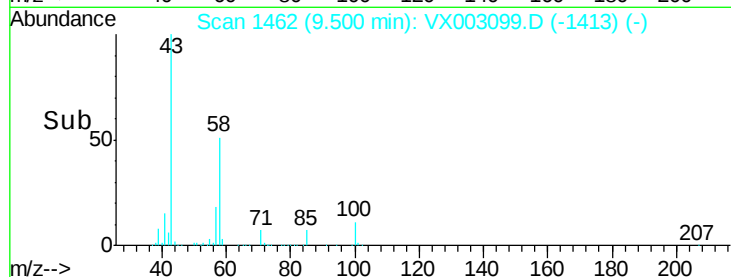
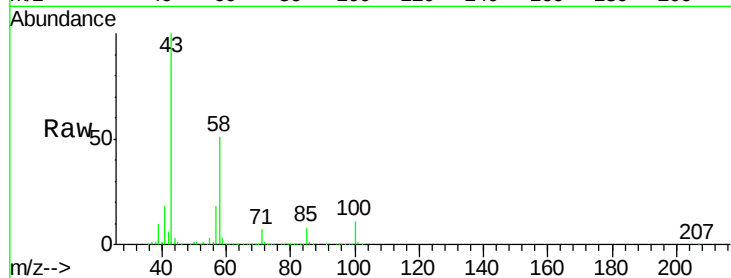
#59  
2-Hexanone  
Concen: 94.94 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

Tot Ion: 43 Resp: 349283  
Ion Ratio Lower Upper  
43 100  
58 51.3 24.6 73.6

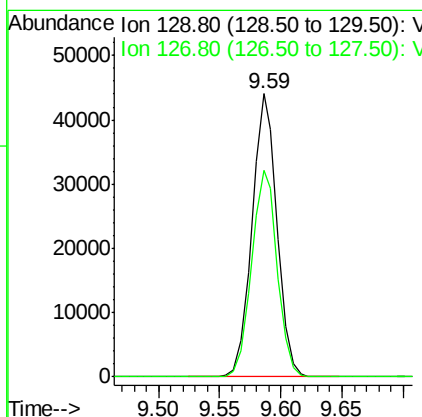
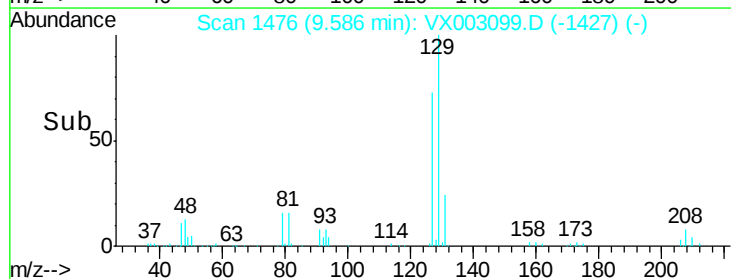
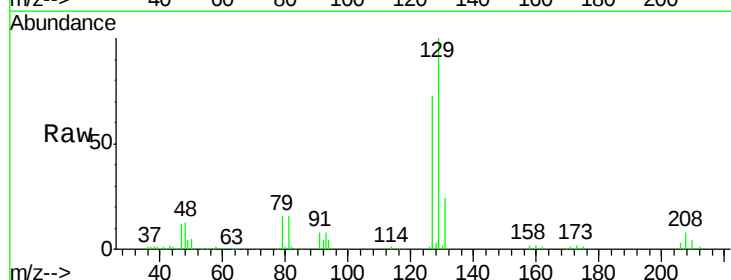
Manual Integrations  
APPROVED

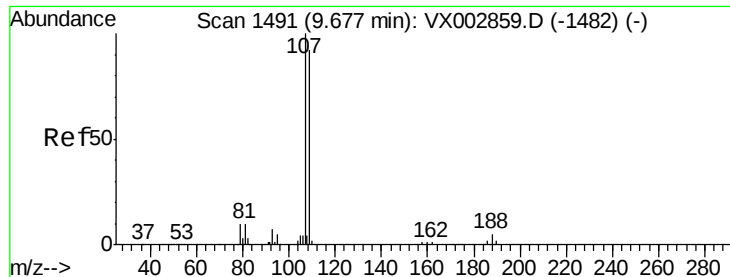
sam  
7/3/2018 5:07:25 PM



#60  
Dibromochloromethane  
Concen: 18.18 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Tgt Ion: 129 Resp: 62716  
Ion Ratio Lower Upper  
129 100  
127 74.6 38.5 115.3





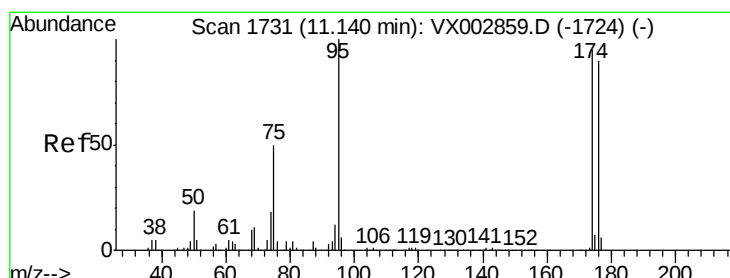
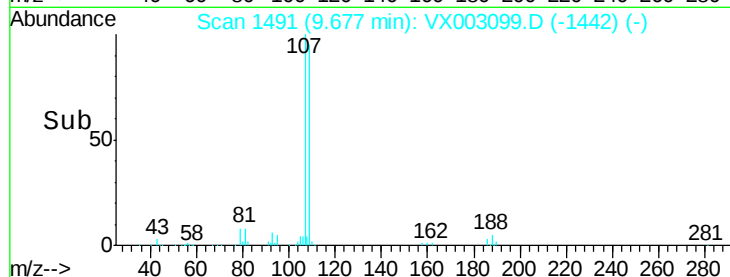
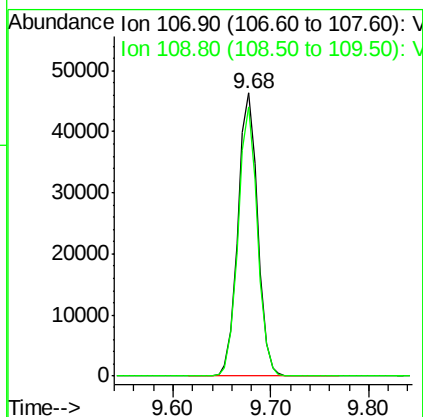
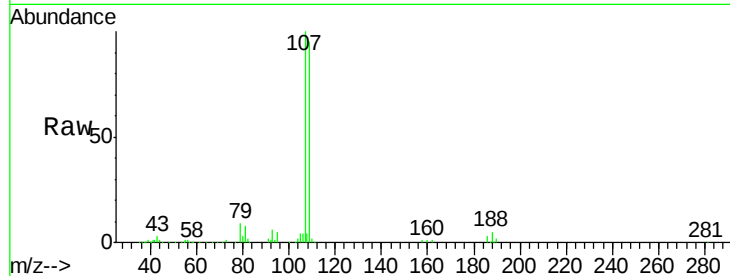
#61  
 1,2-Dibromoethane  
 Concen: 18.85 ug/l  
 RT: 9.68 min Scan# 1491  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0630WBSD02

Tot Ion:107 Resp: 64791  
 Ion Ratio Lower Upper  
 107 100  
 109 93.3 75.3 112.9

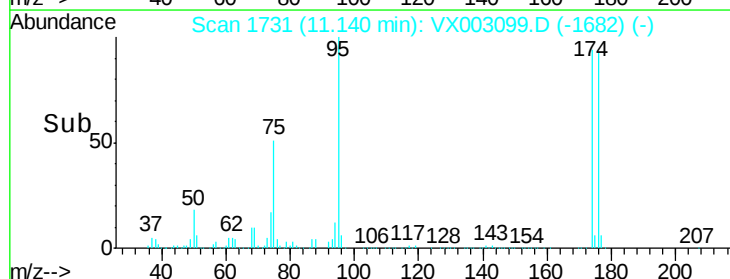
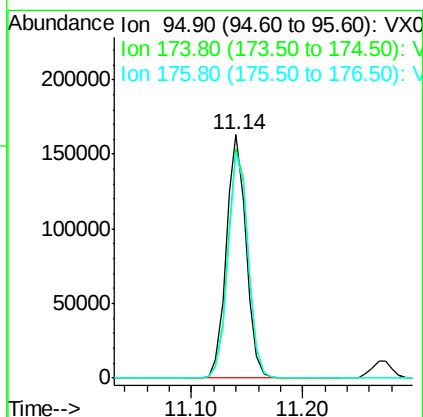
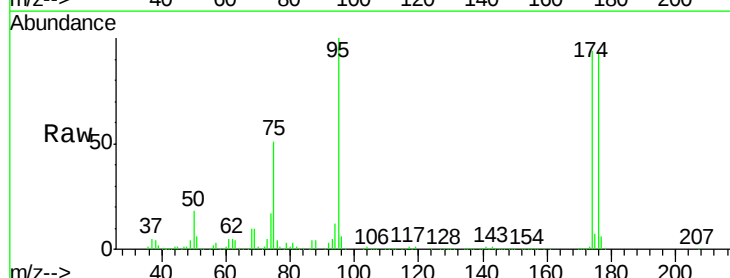
Manual Integrations  
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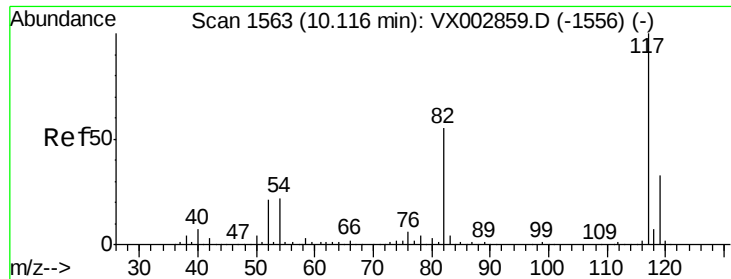
sam  
 7/3/2018 5:07:25 PM



#62  
 4-Bromofluorobenzene  
 Concen: 45.72 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Tgt Ion: 95 Resp: 199232  
 Ion Ratio Lower Upper  
 95 100  
 174 97.1 0.0 187.4  
 176 94.3 0.0 181.0





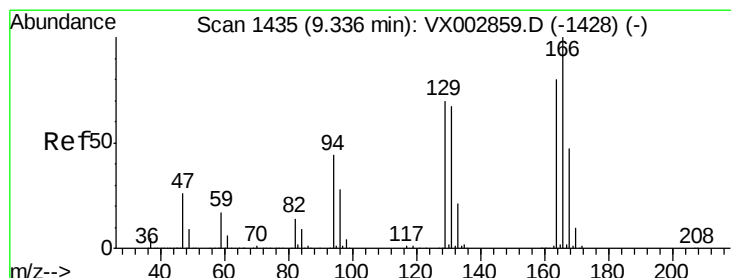
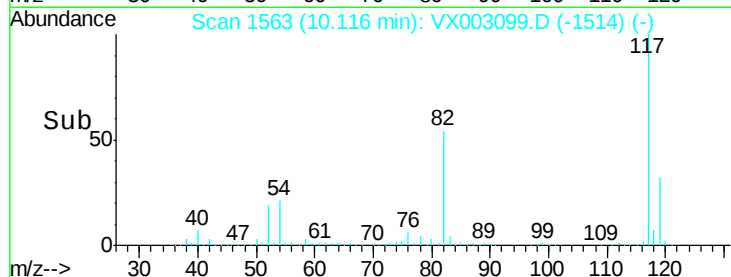
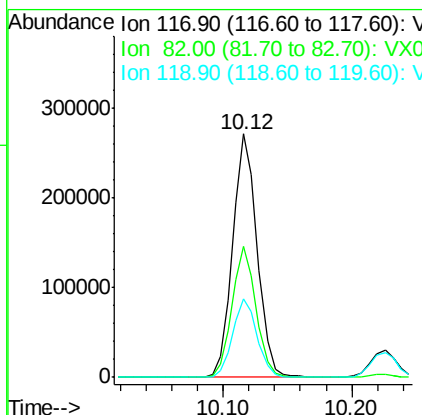
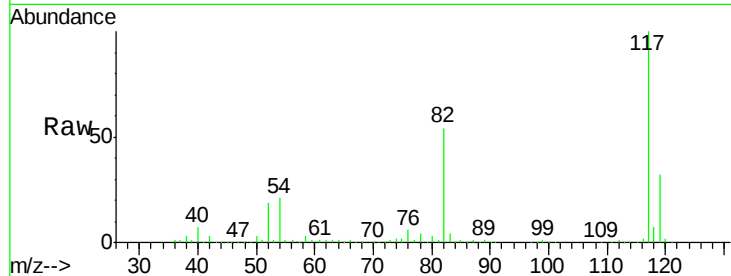
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.0  | 45.0  | 67.4  |
| 119     | 32.4  | 25.8  | 38.6  |

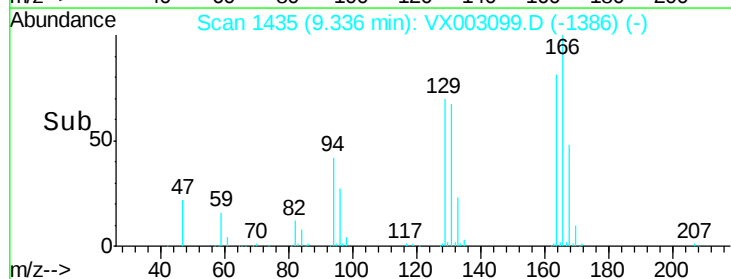
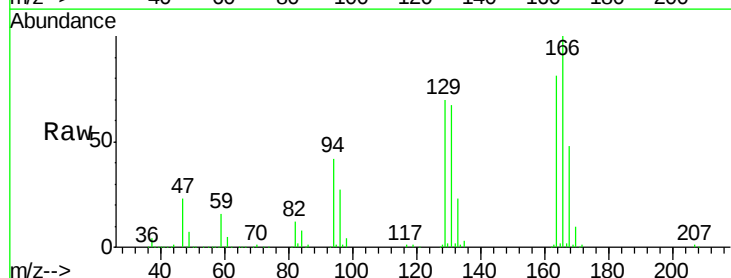
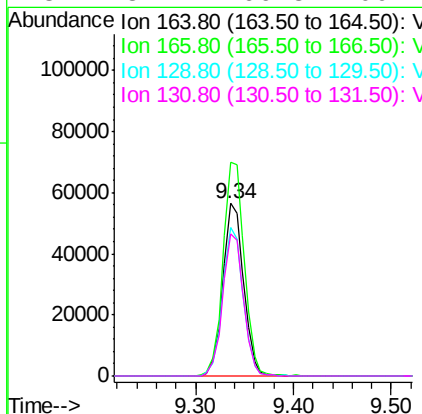
Manual Integrations  
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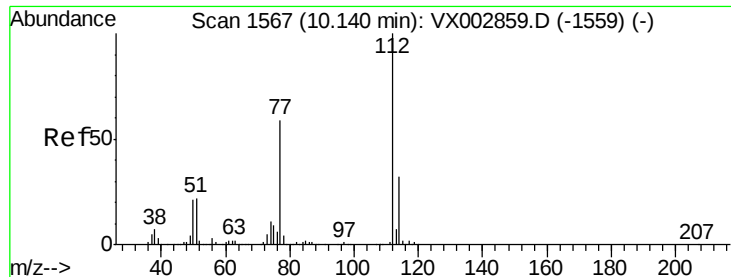
sam  
7/3/2018 5:07:25 PM



#64  
Tetrachloroethene  
Concen: 20.68 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 123.7 | 102.9 | 154.3 |
| 129     | 86.0  | 68.6  | 102.8 |
| 131     | 82.2  | 66.8  | 100.2 |





#65

Chlorobenzene

Concen: 18.99 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion:112 Resp: 173733

Ion Ratio Lower Upper

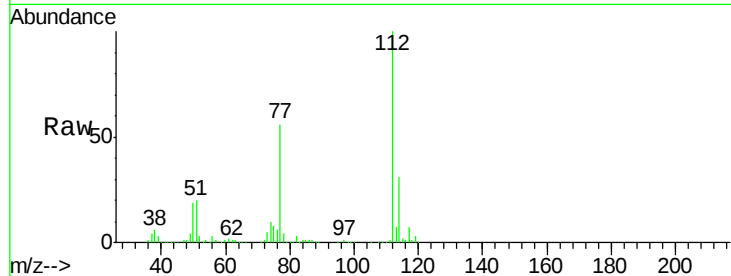
112 100

114 31.4 25.3 37.9

Manual Integrations  
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sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

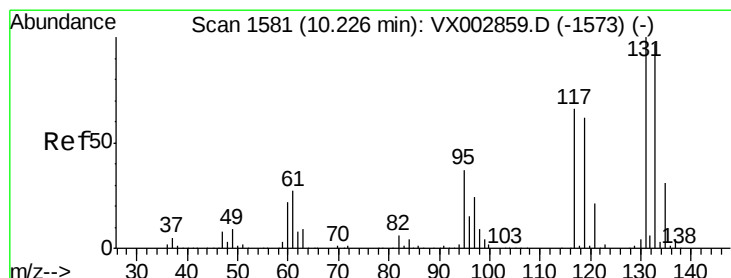
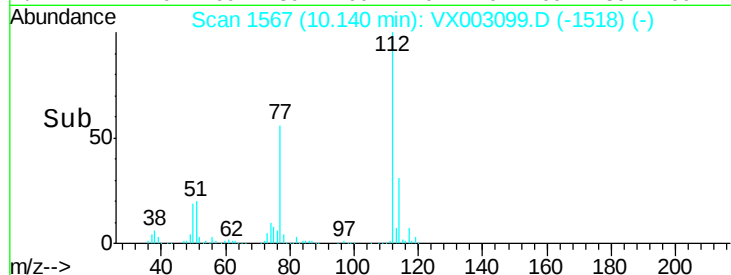
150000

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 19.06 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

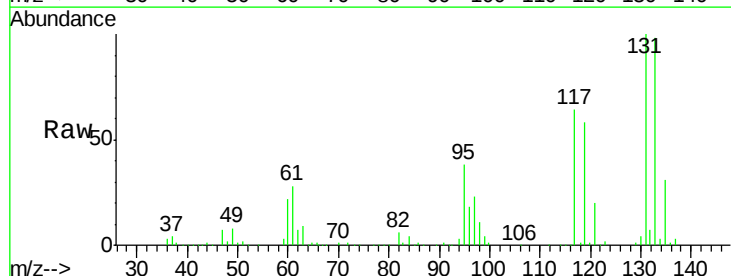
Tgt Ion:131 Resp: 63371

Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.6

119 60.9 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

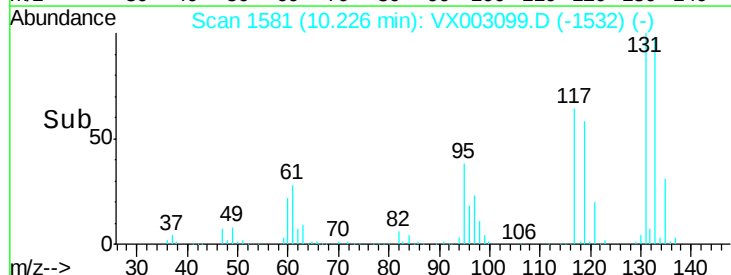
30000

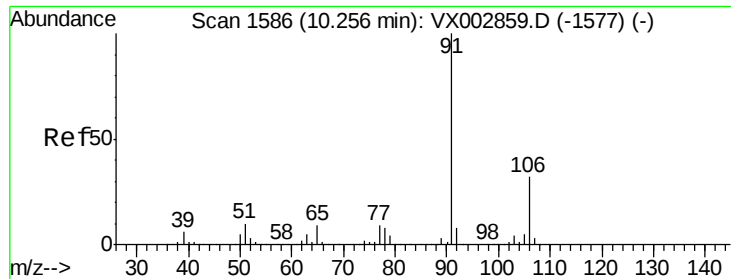
20000

10000

0

Time--> 10.15 10.20 10.25 10.30





#67

Ethyl Benzene

Concen: 18.83 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampled :

VX0630WBSD02

Tot Ion: 91 Resp: 284637

Ion Ratio Lower Upper

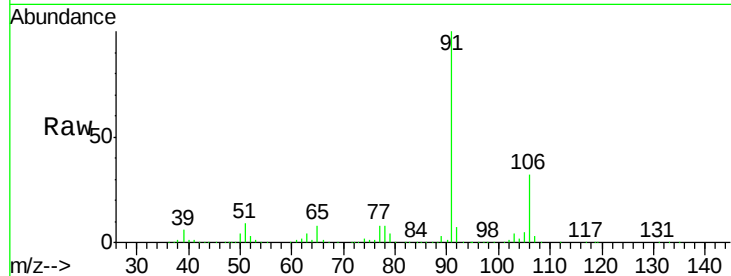
91 100

106 31.7 25.5 38.3

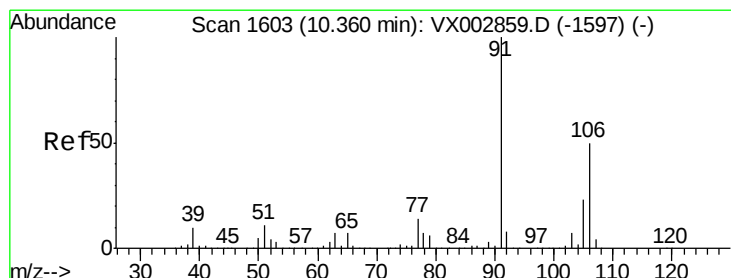
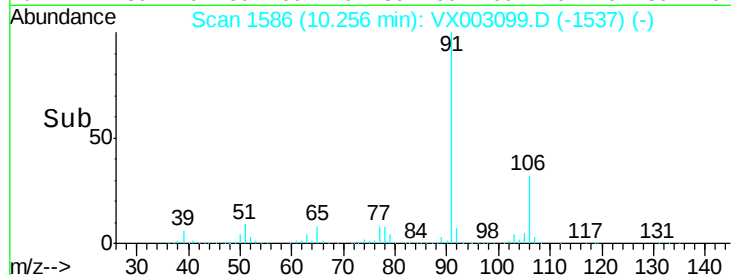
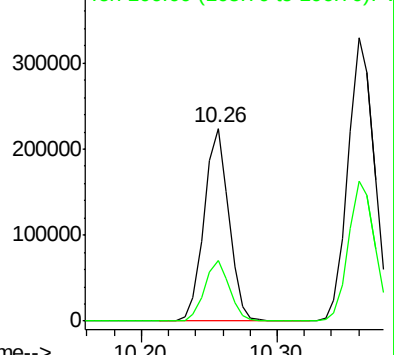
Manual Integrations  
APPROVED

sam

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Abundance Ion 91.00 (90.70 to 91.70): VX003099.D (-1537) (-)



#68

m/p-Xylenes

Concen: 37.76 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003099.D

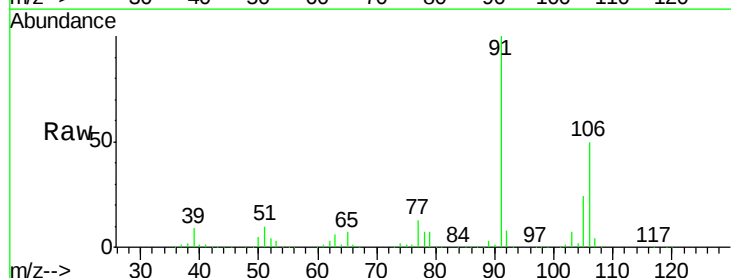
Acq: 01 Jul 2018 01:34

Tgt Ion: 106 Resp: 219983

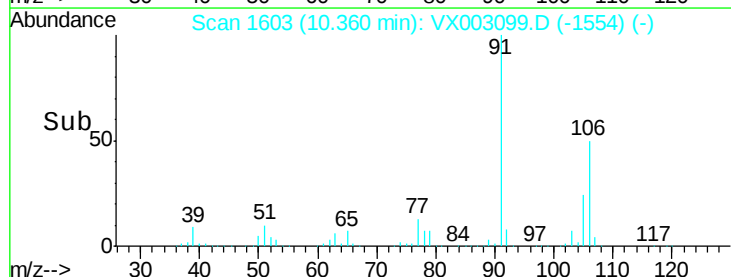
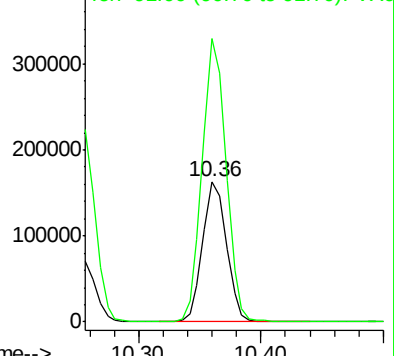
Ion Ratio Lower Upper

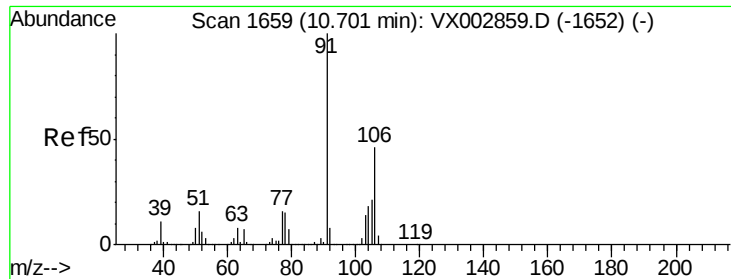
106 100

91 201.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX003099.D (-1554) (-)





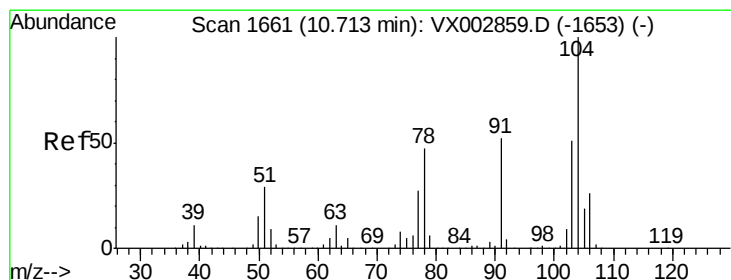
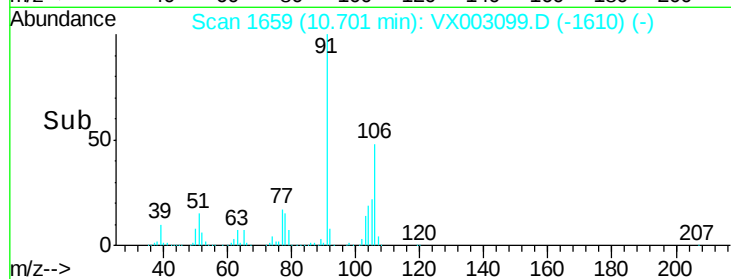
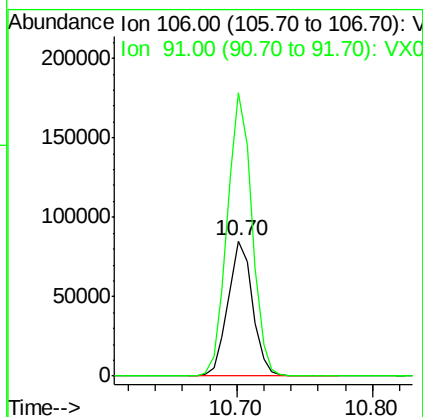
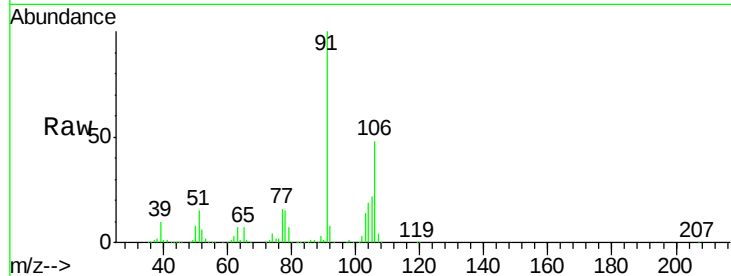
#69  
o-Xylene  
Concen: 18.86 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

Tot Ion:106 Resp: 107007  
Ion Ratio Lower Upper  
106 100  
91 210.3 108.2 324.6

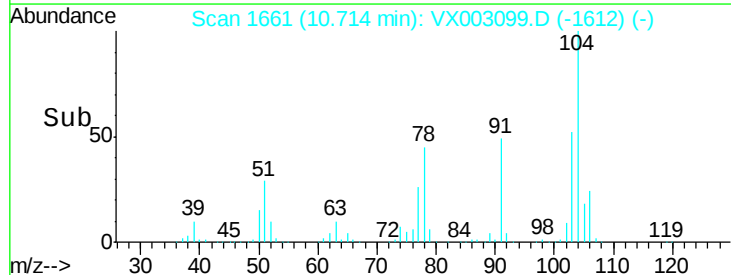
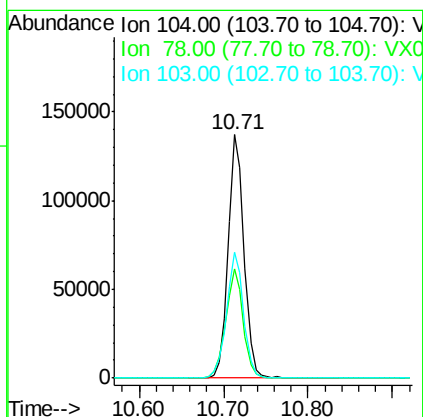
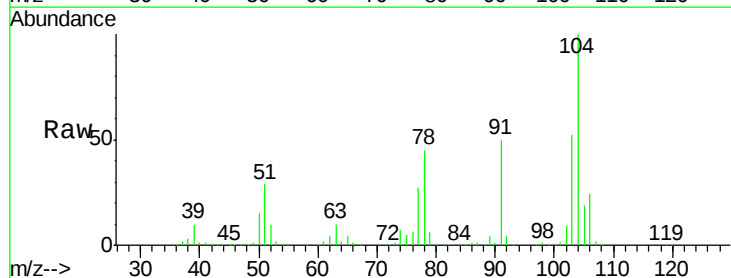
Manual Integrations  
APPROVED

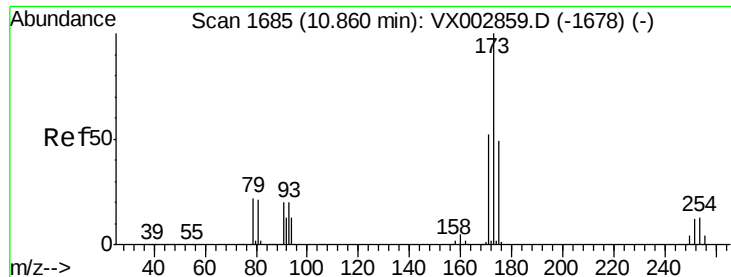
sam  
7/3/2018 5:07:25 PM



#70  
Styrene  
Concen: 19.09 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Tgt Ion:104 Resp: 175919  
Ion Ratio Lower Upper  
104 100  
78 49.2 41.0 61.6  
103 55.3 44.2 66.4





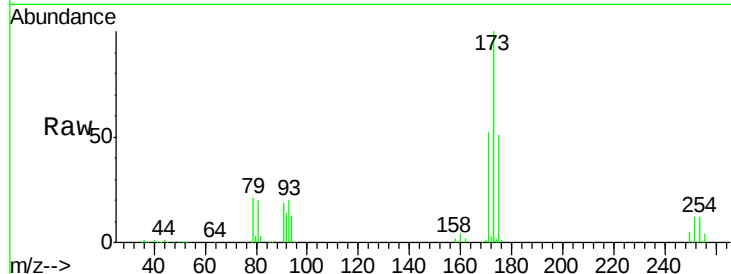
#71  
Bromoform  
Concen: 18.25 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

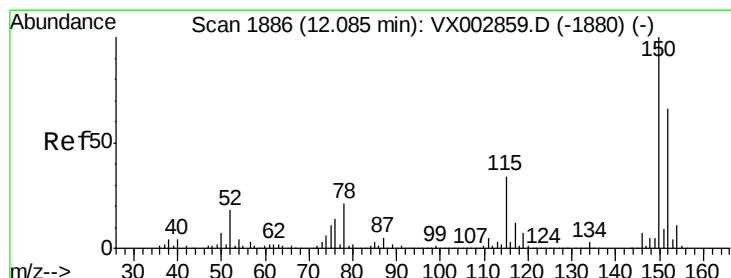
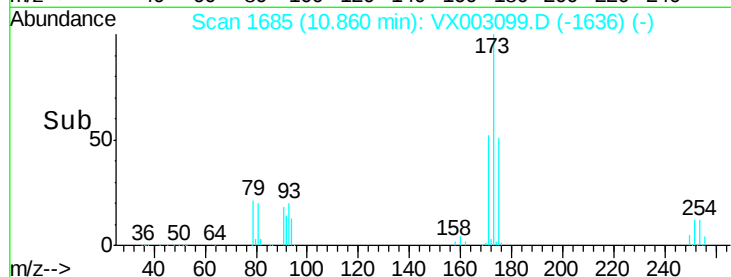
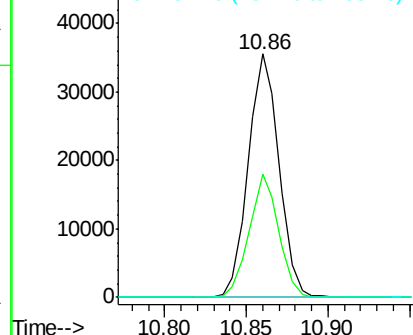
Tot Ion:173 Resp: 46732  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.7 74.1  
254 0.1 0.2 0.2#

Manual Integrations  
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sam  
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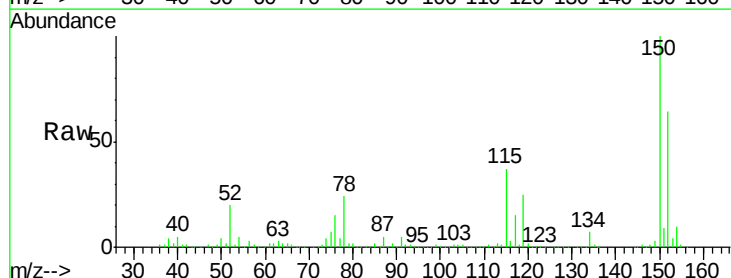


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

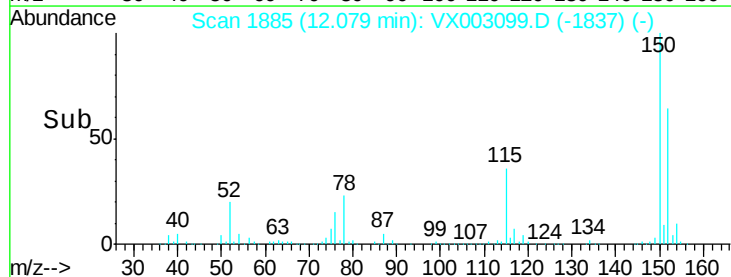
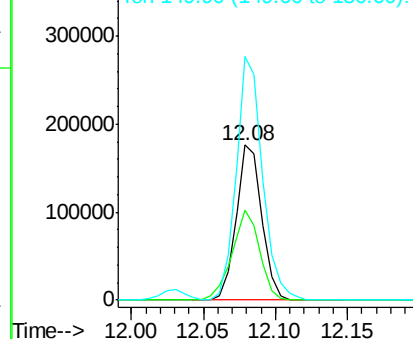


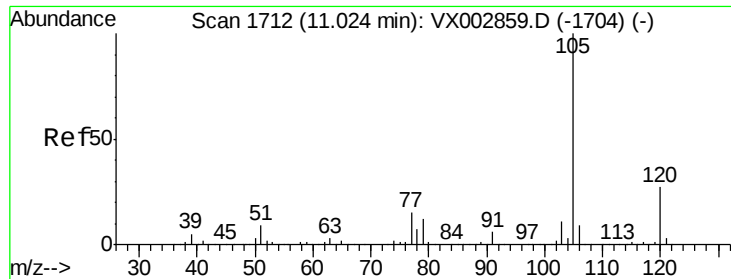
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Tgt Ion:152 Resp: 218580  
Ion Ratio Lower Upper  
152 100  
115 63.0 40.1 120.2  
150 162.3 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.57 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 105 Resp: 287786

Ion Ratio Lower Upper

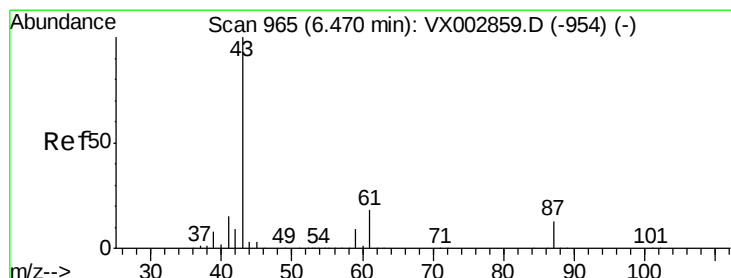
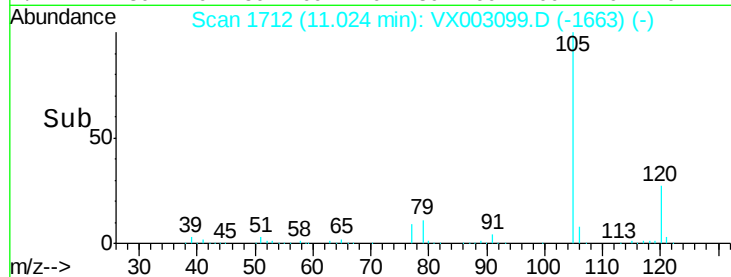
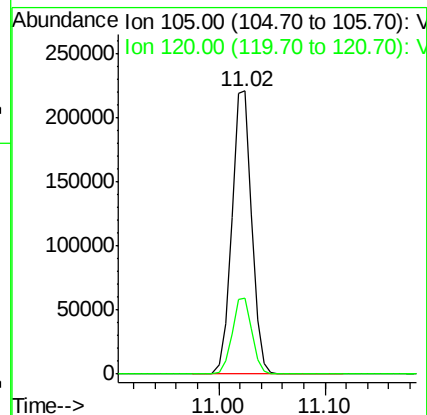
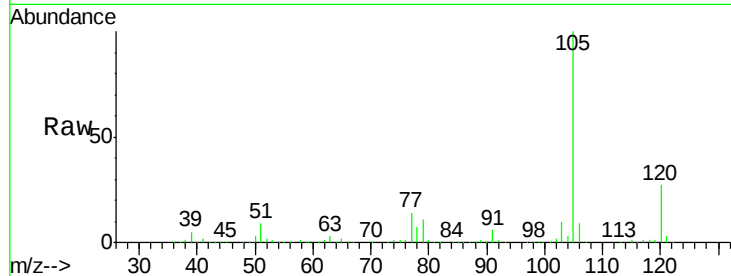
105 100

120 26.8 13.5 40.4

Manual Integrations  
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sam

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#74

N-ethyl acetate

Concen: 19.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Tgt Ion: 43 Resp: 142079

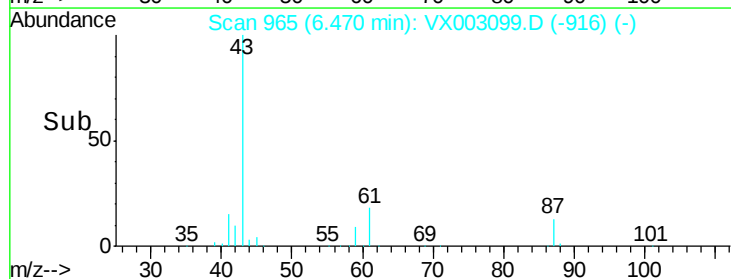
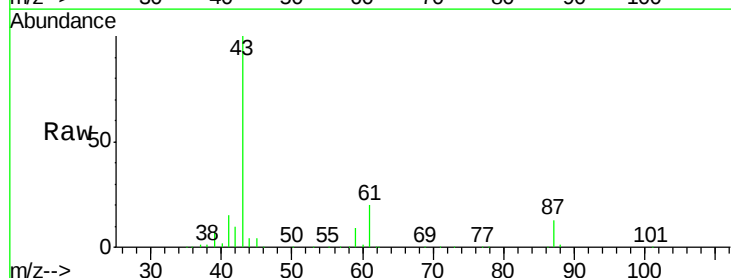
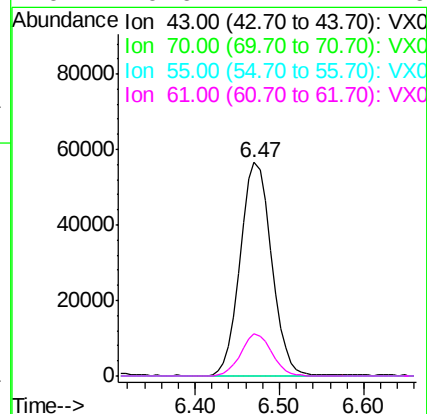
Ion Ratio Lower Upper

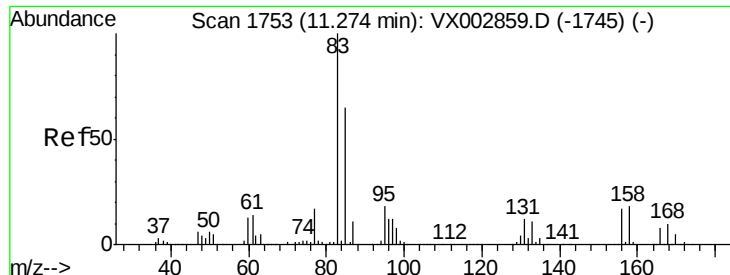
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.77 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion: 83 Resp: 89560

Ion Ratio Lower Upper

83 100

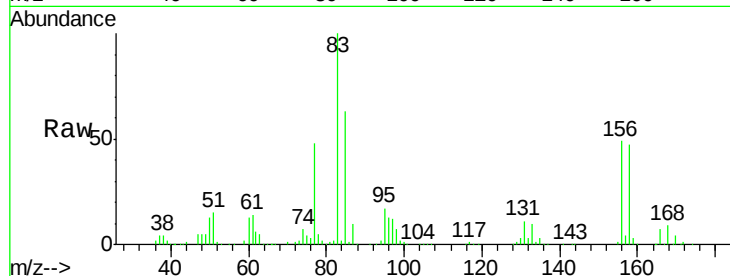
131 11.1 5.6 16.8

85 64.1 32.4 97.2

Manual Integrations  
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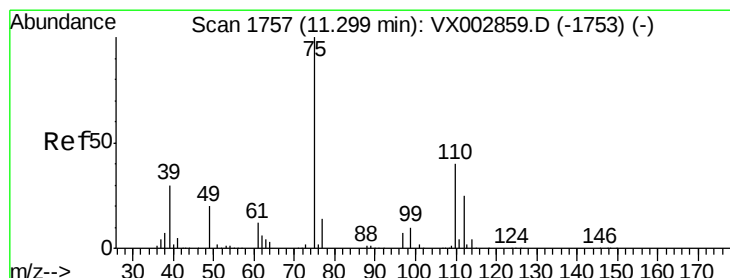
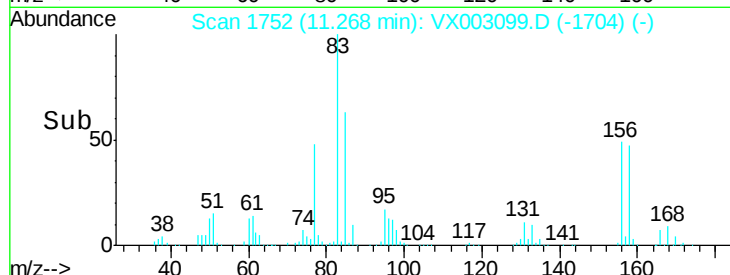
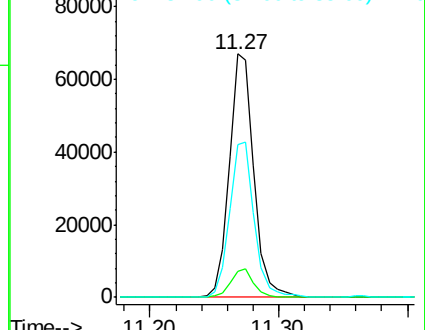
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.89 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003099.D

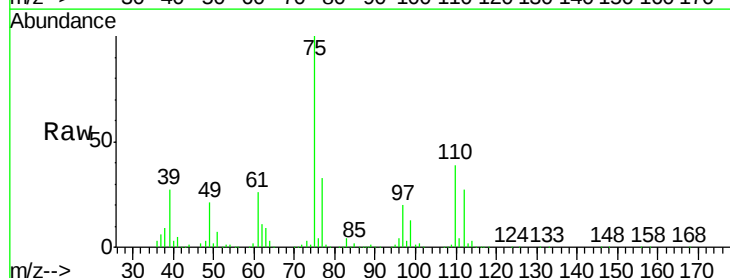
Acq: 01 Jul 2018 01:34

Tgt Ion: 75 Resp: 86676

Ion Ratio Lower Upper

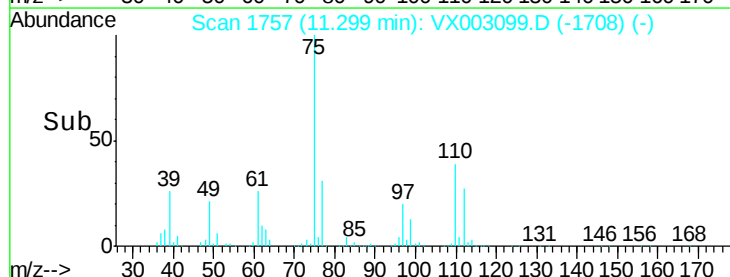
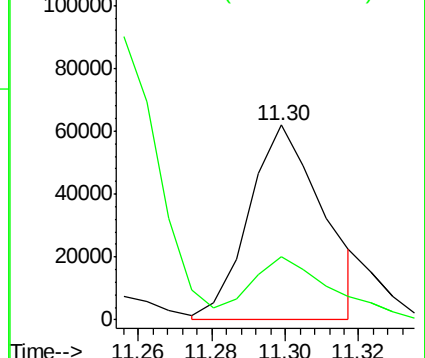
75 100

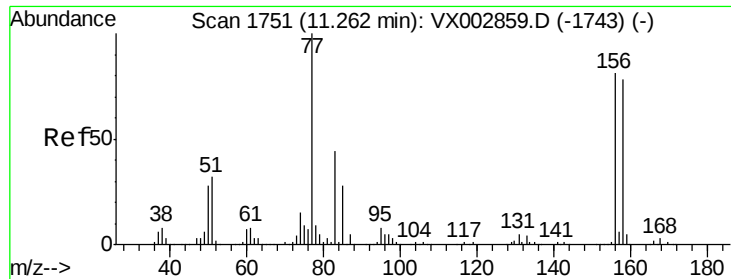
77 35.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.56 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion:156 Resp: 81923

Ion Ratio Lower Upper

156 100

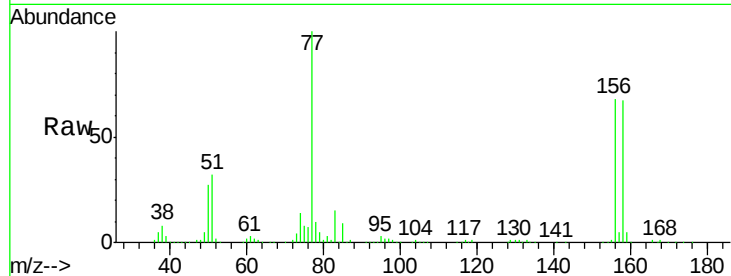
77 134.3 71.4 214.2

158 96.9 48.9 146.6

Manual Integrations  
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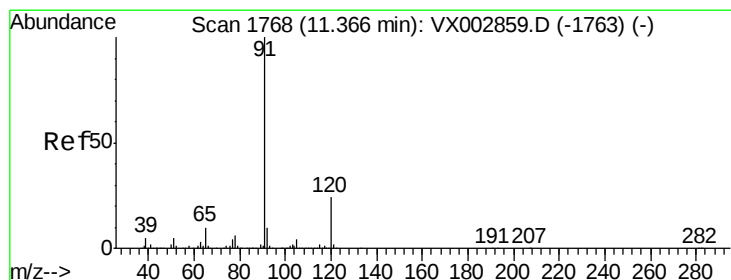
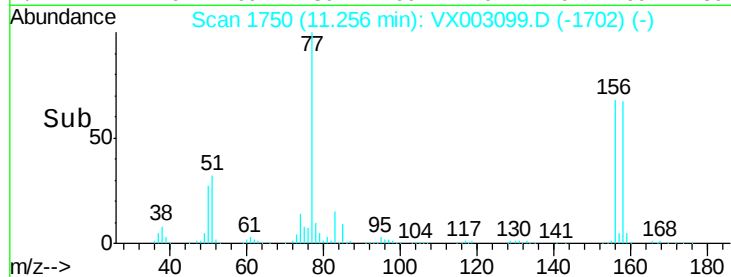
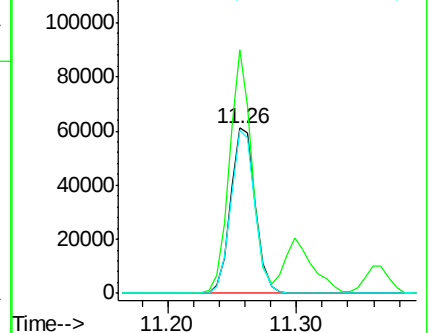
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003099.D

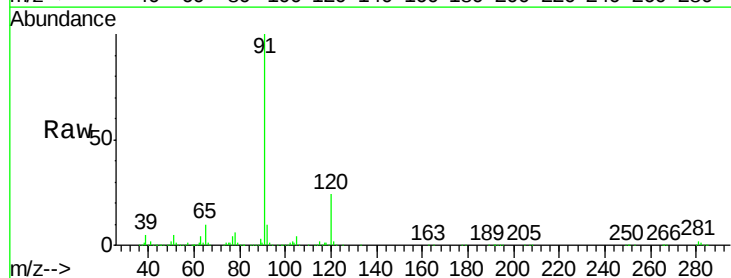
Acq: 01 Jul 2018 01:34

Tgt Ion: 91 Resp: 316166

Ion Ratio Lower Upper

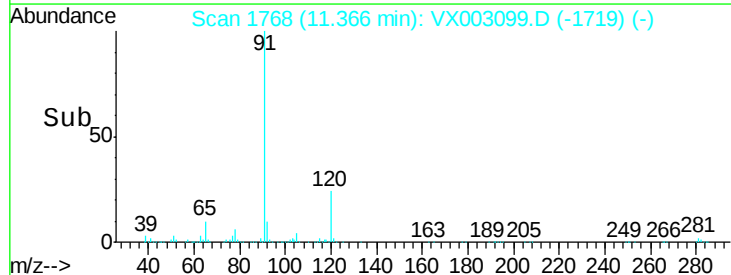
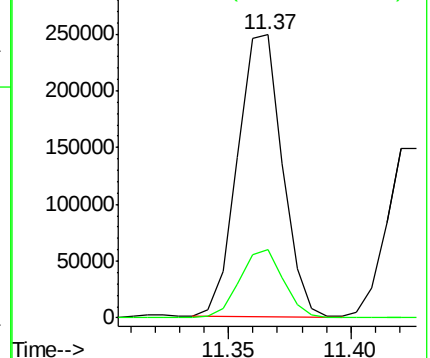
91 100

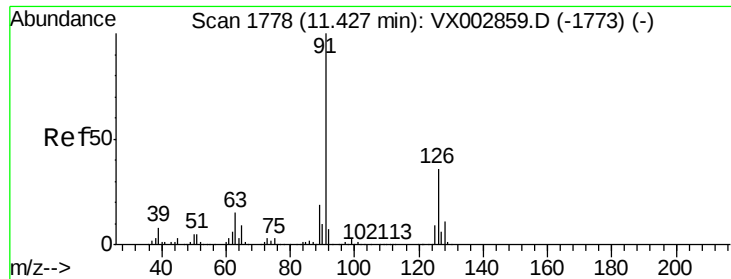
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





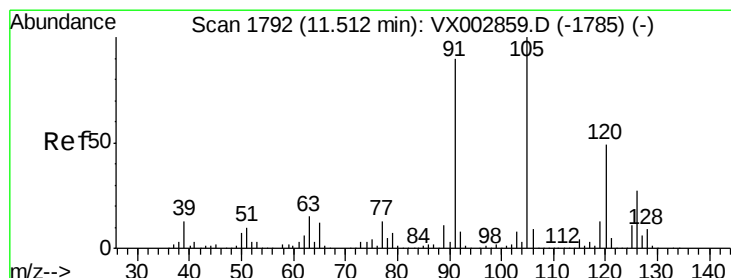
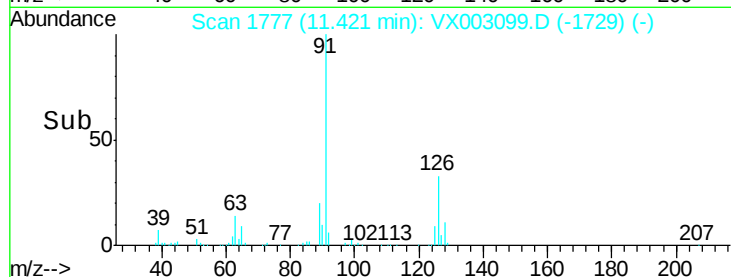
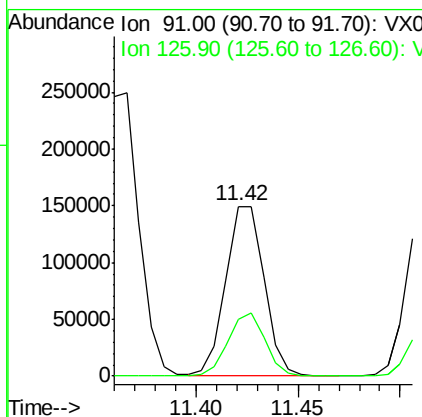
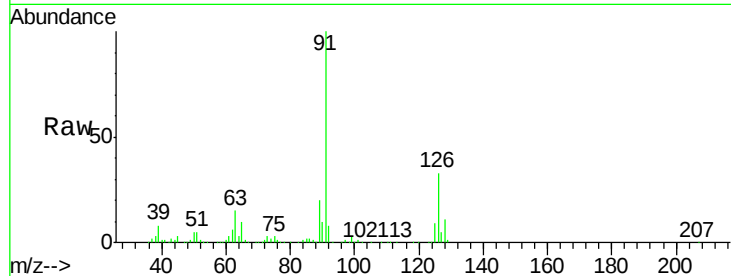
#79  
2-Chlorotoluene  
Concen: 19.16 ug/l  
RT: 11.42 min Scan# 1777  
Delta R.T. -0.01 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0630WBSD02

Tot Ion: 91 Resp: 194131  
Ion Ratio Lower Upper  
91 100  
126 36.1 17.7 53.1

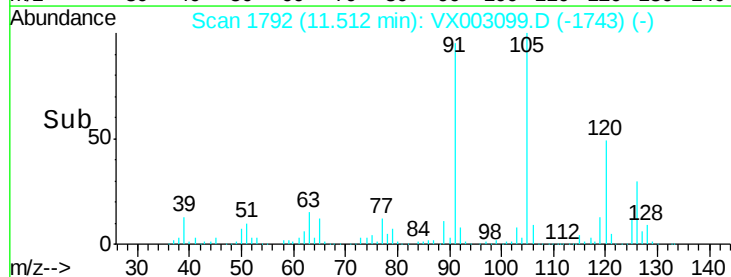
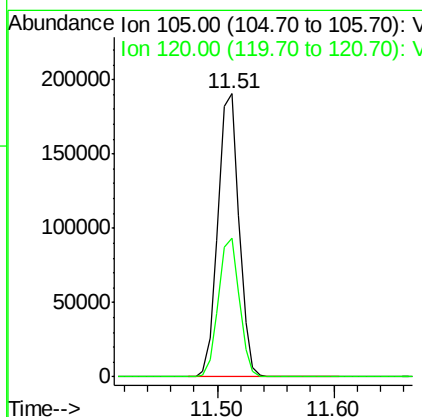
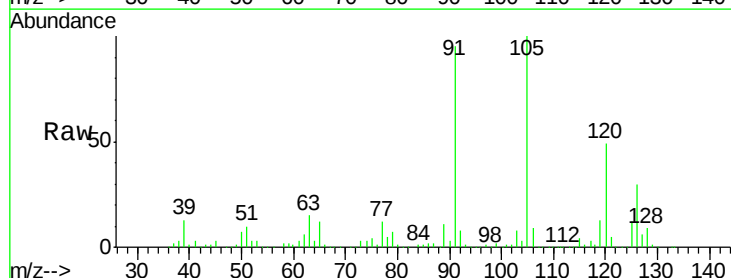
Manual Integrations  
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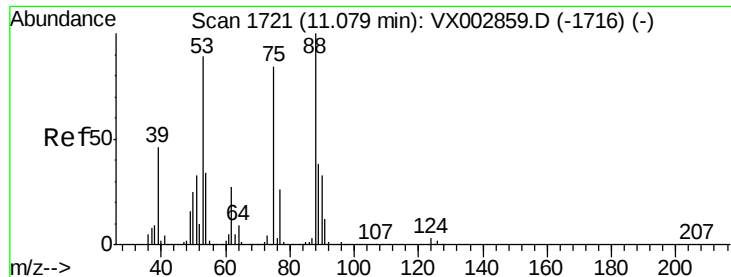
sam  
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#80  
1,3,5-Trimethylbenzene  
Concen: 19.16 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Tgt Ion: 105 Resp: 237267  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.4 73.4





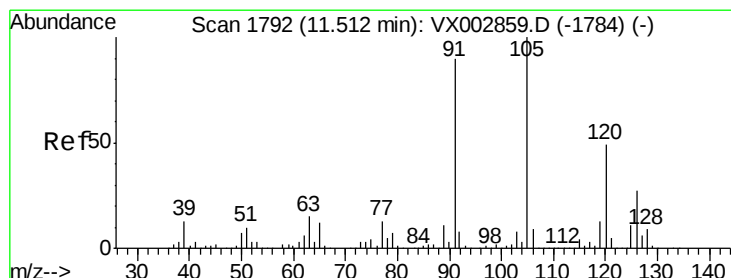
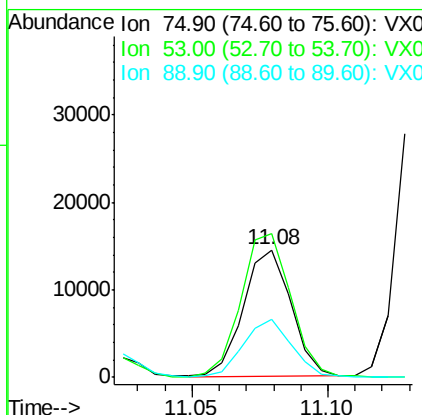
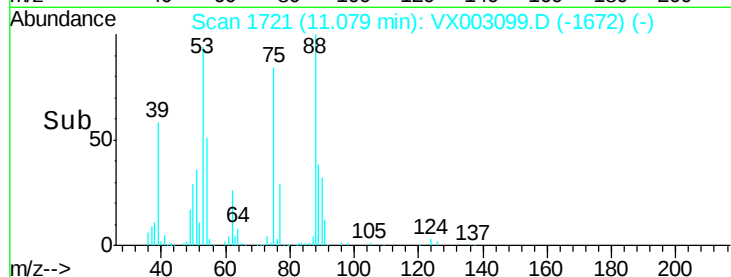
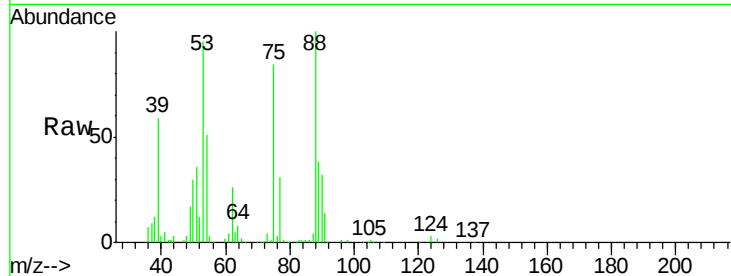
#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.39 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 120.1 | 86.8  | 130.2 |
| 89      | 47.7  | 38.2  | 57.2  |

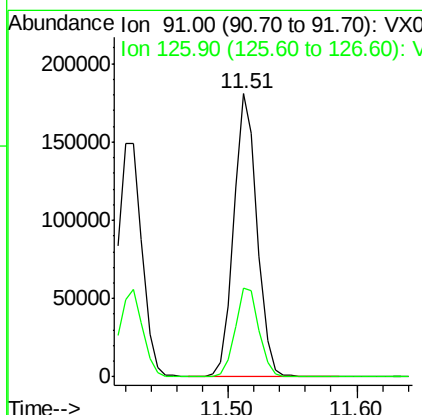
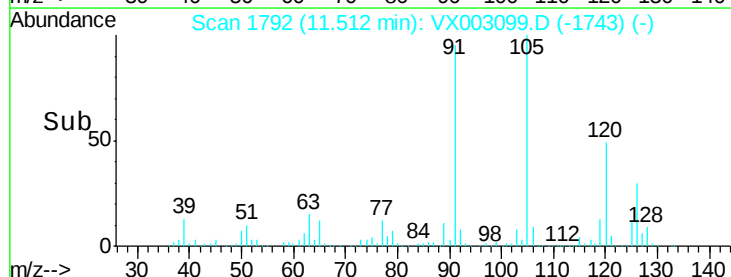
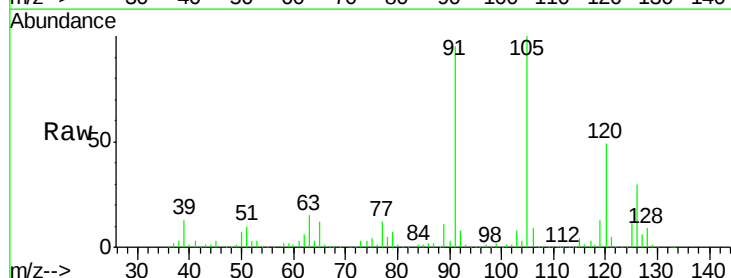
Manual Integrations  
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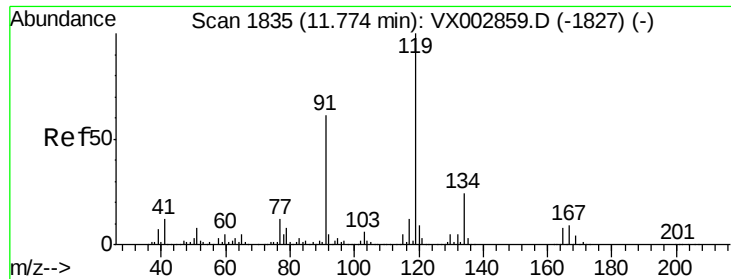
sam  
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#82  
4-Chlorotoluene  
Concen: 18.93 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.2  | 15.4  | 46.4  |





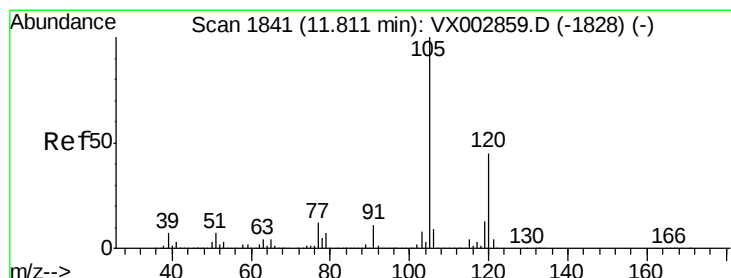
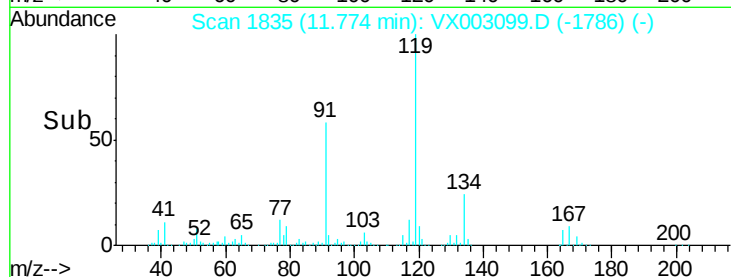
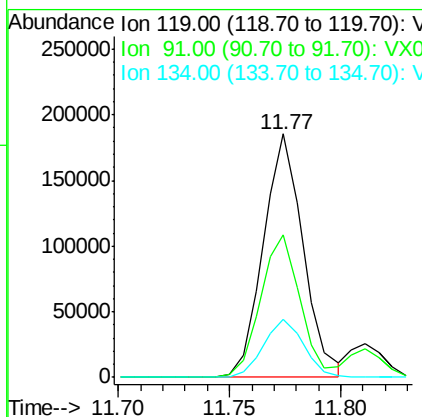
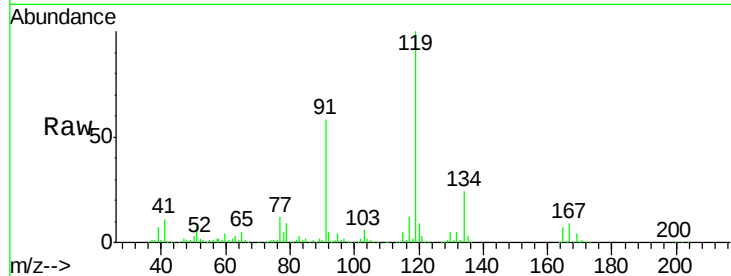
#83  
tert-Butylbenzene  
Concen: 18.92 ug/l  
RT: 11.77 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 58.5  | 30.3  | 90.9  |
| 134     | 24.0  | 11.7  | 35.1  |

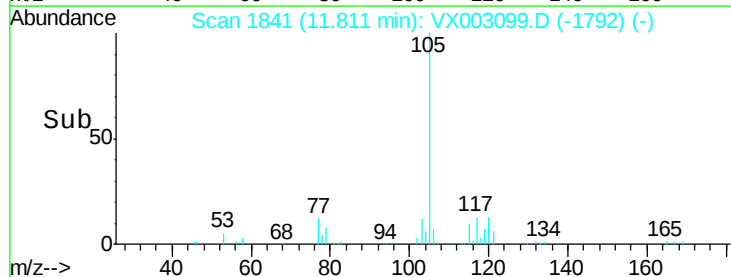
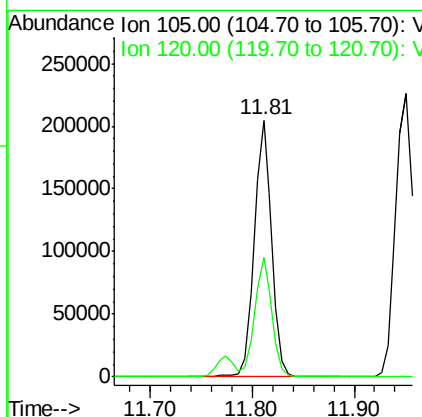
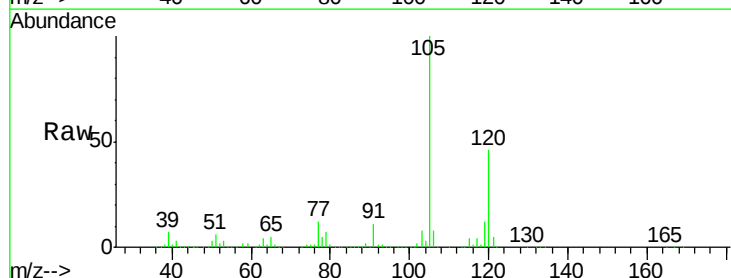
Manual Integrations  
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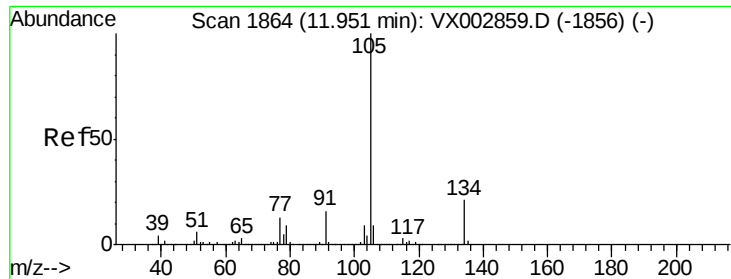
sam  
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#84  
1,2,4-Trimethylbenzene  
Concen: 19.11 ug/l  
RT: 11.81 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.9  | 22.3  | 66.8  |





#85

sec-Butylbenzene

Concen: 18.66 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

ClientSampleId :

VX0630WBSD02

Tot Ion:105 Resp: 276368

Ion Ratio Lower Upper

105 100

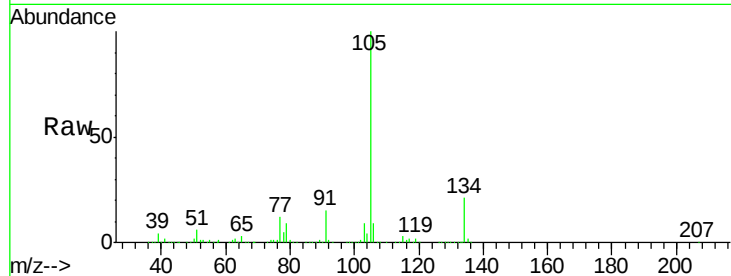
134 20.9 10.4 31.1

Manual Integrations

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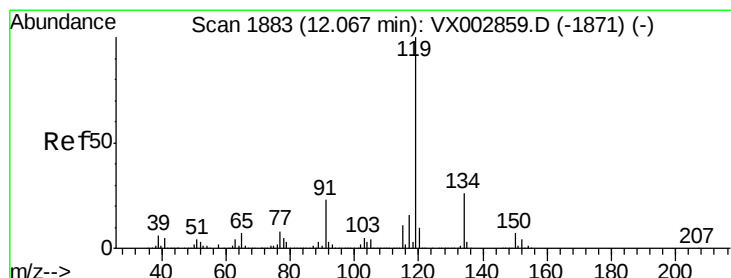
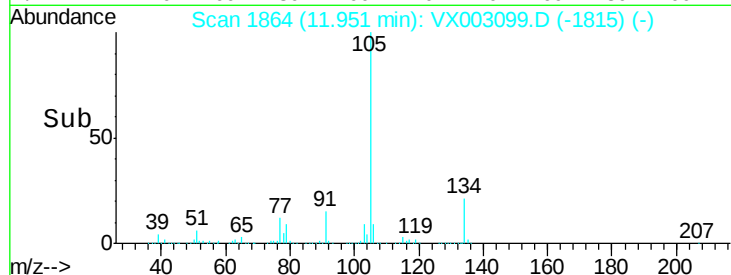
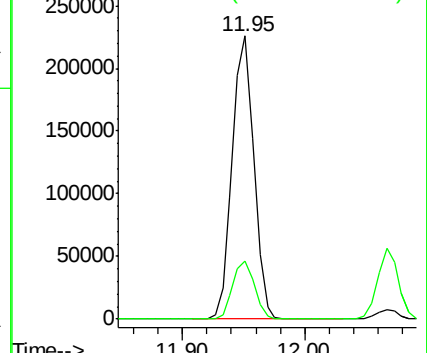
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.82 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

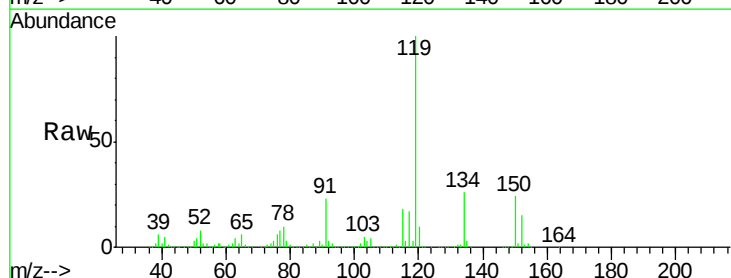
Tgt Ion:119 Resp: 250531

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

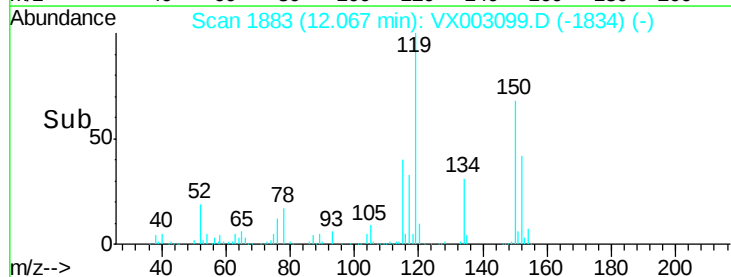
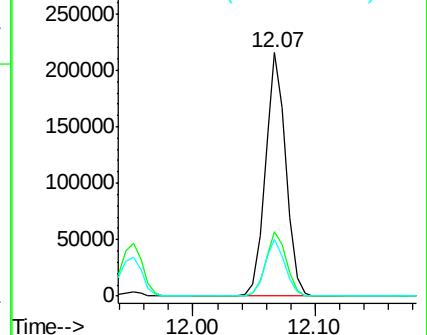
91 23.2 11.9 35.7

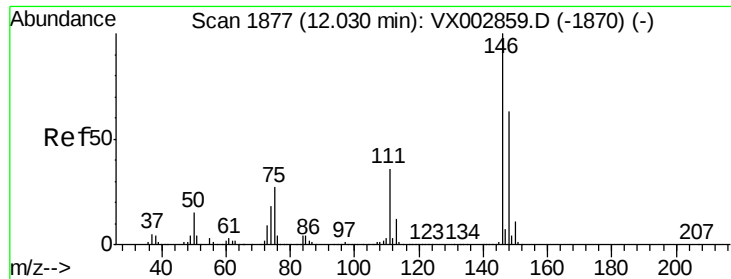


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.85 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

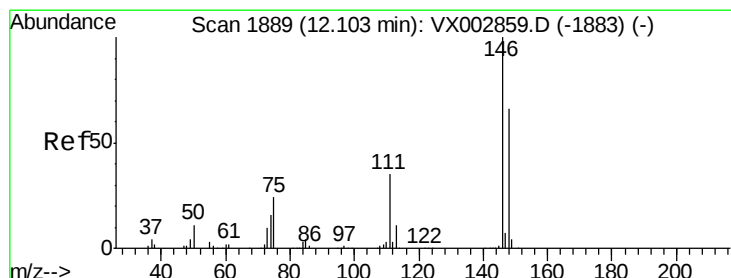
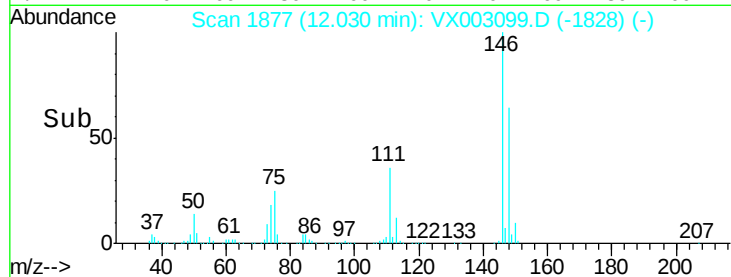
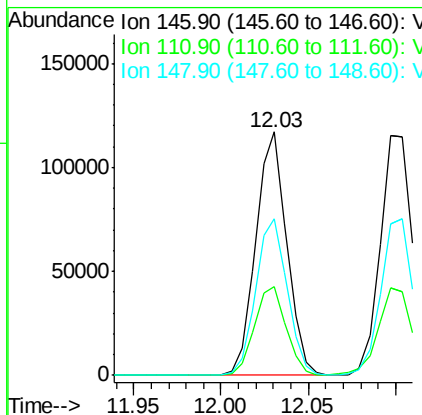
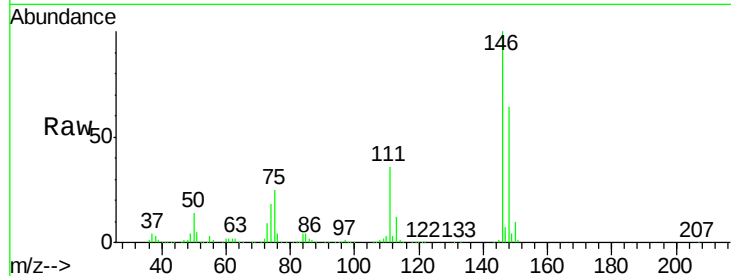
ClientSampleId :

VX0630WBSD02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 144141 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.4  | 18.9  | 56.7   |
| 148       | 65.3  | 32.1  | 96.3   |

Manual Integrations  
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sam  
7/3/2018 5:07:25 PM



#88

1,4-Dichlorobenzene

Concen: 18.97 ug/l

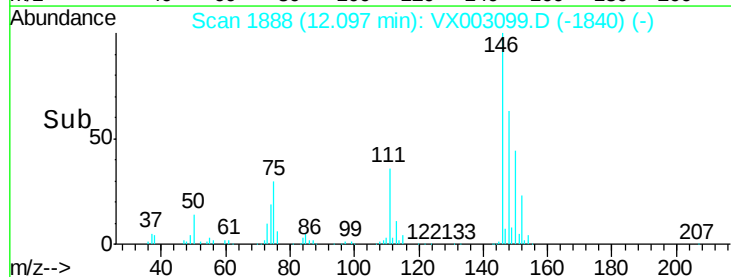
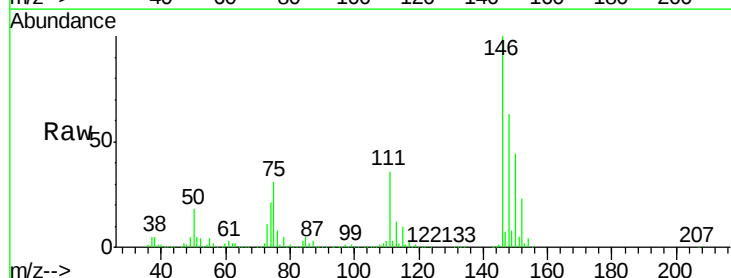
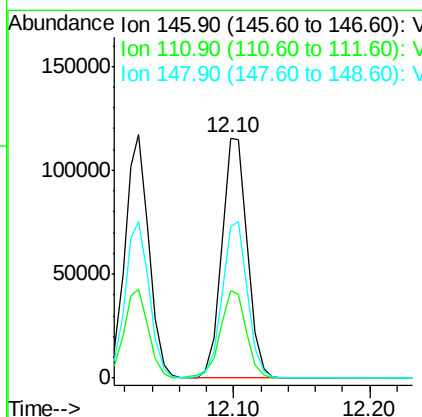
RT: 12.10 min Scan# 1888

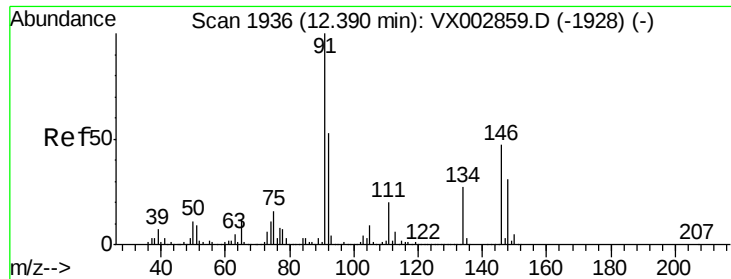
Delta R.T. -0.01 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 149323 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 37.3  | 18.7  | 56.1   |
| 148       | 64.5  | 32.4  | 97.0   |





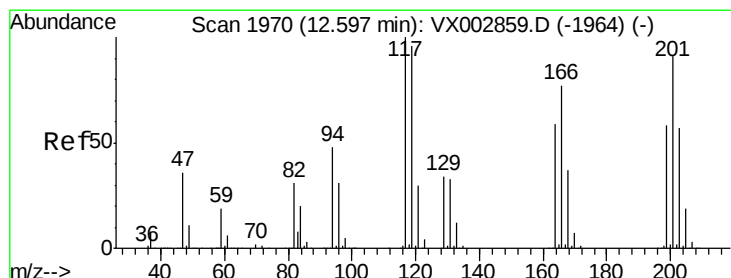
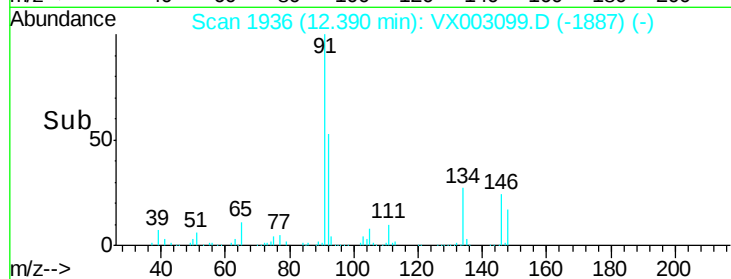
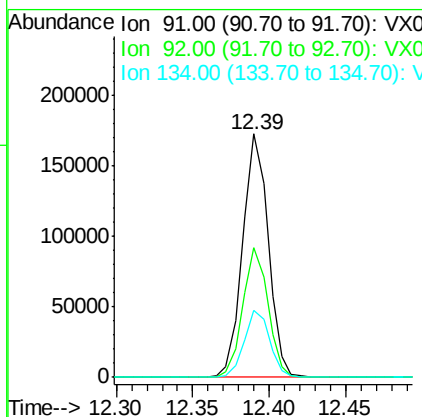
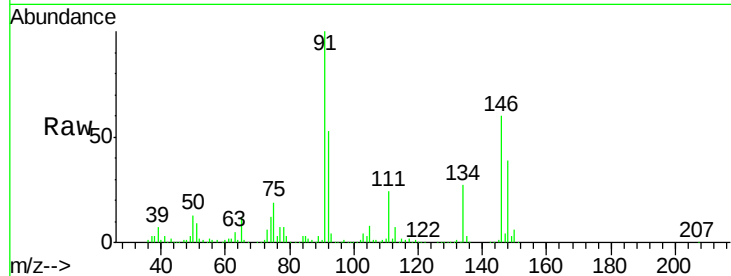
#89  
n-Butylbenzene  
Concen: 17.32 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0630WBSD02

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 200734 |       |       |
| 92      | 52.5 | 26.0  |        | 78.0  |       |
| 134     | 27.4 | 13.5  |        | 40.5  |       |

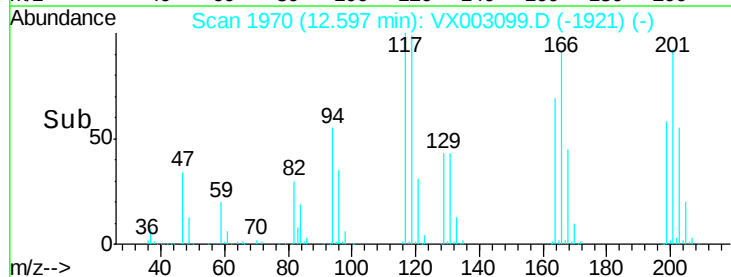
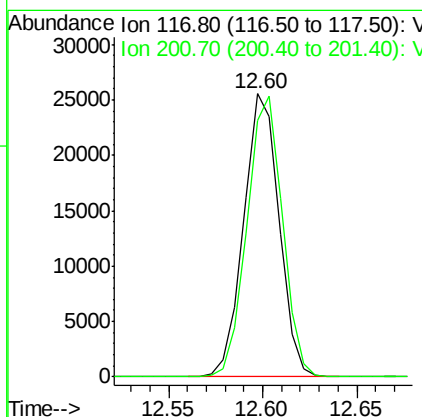
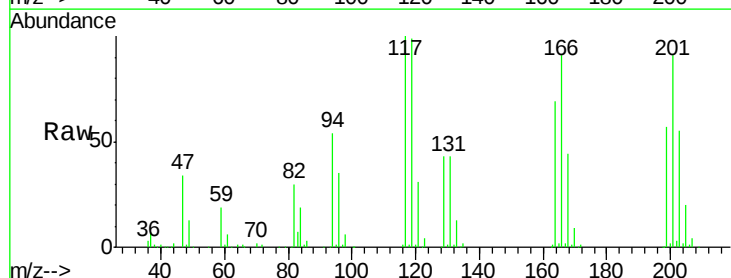
Manual Integrations  
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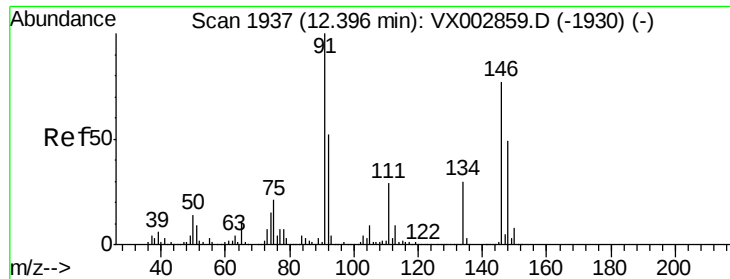
sam  
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#90  
Hexachloroethane  
Concen: 16.84 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: VX003099.D  
Acq: 01 Jul 2018 01:34

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 117     | 100  |       | 33345 |       |       |
| 201     | 98.9 | 49.0  |       | 147.0 |       |





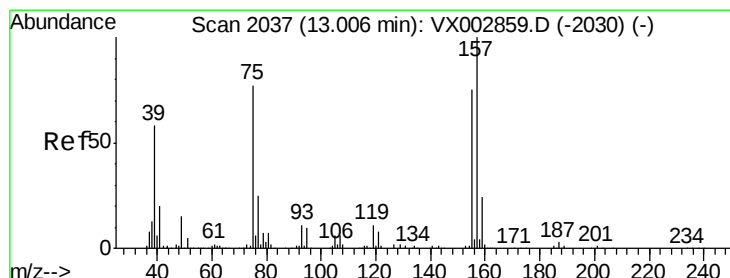
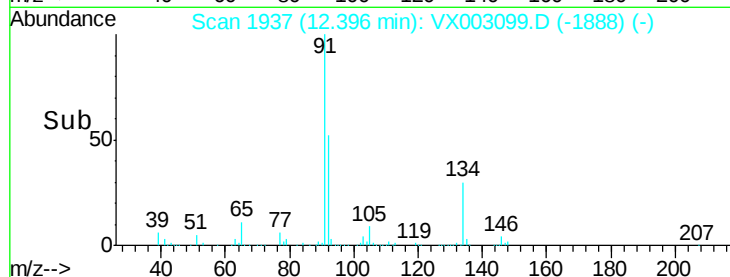
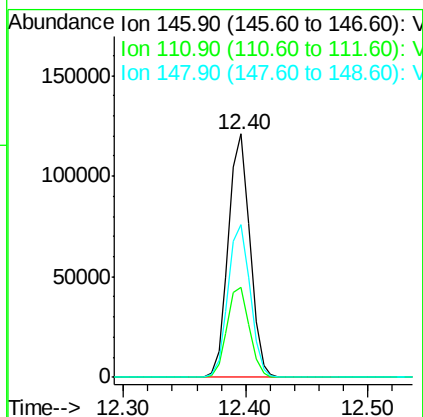
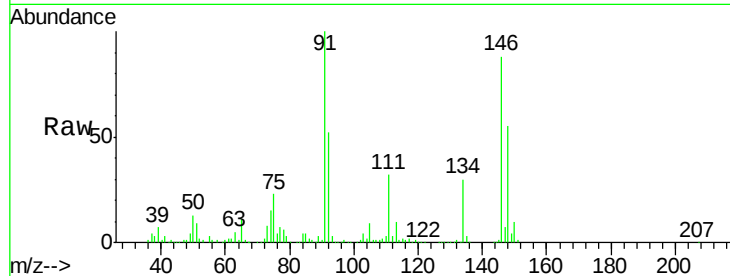
#91  
 1,2-Dichlorobenzene  
 Concen: 19.12 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0630WBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 19.4  | 58.1  |
| 148     | 64.4  | 31.7  | 95.1  |

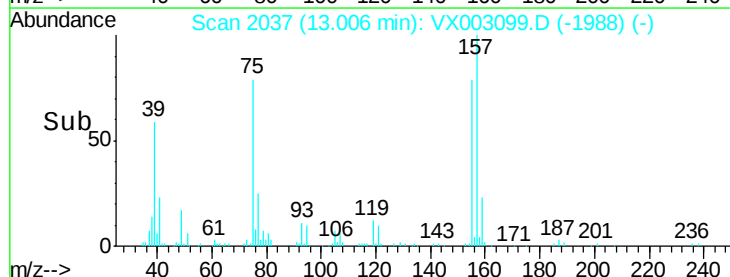
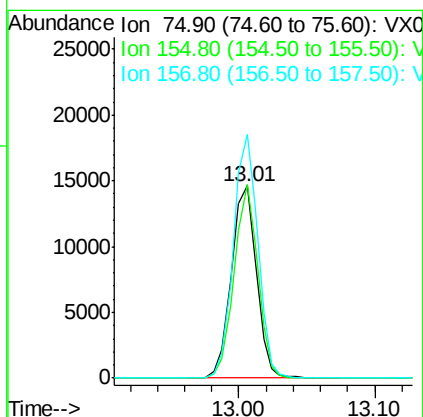
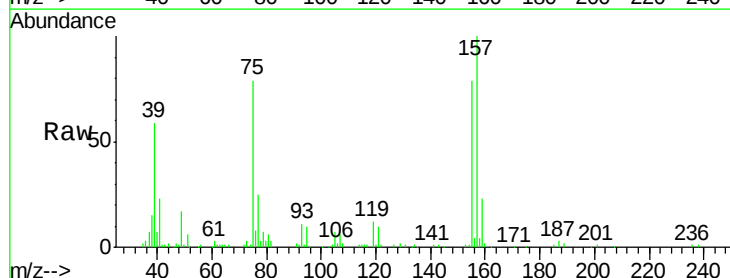
Manual Integrations  
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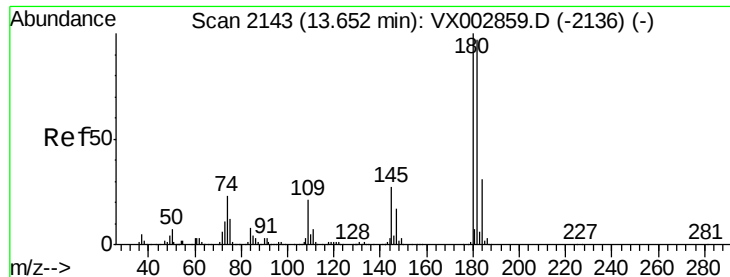
sam  
 7/3/2018 5:07:25 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.44 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 94.6  | 45.8  | 137.4 |
| 157     | 123.0 | 60.1  | 180.3 |





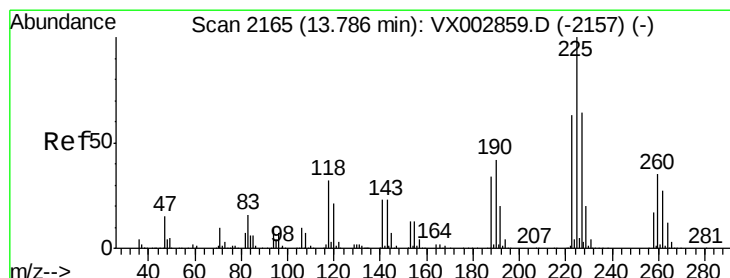
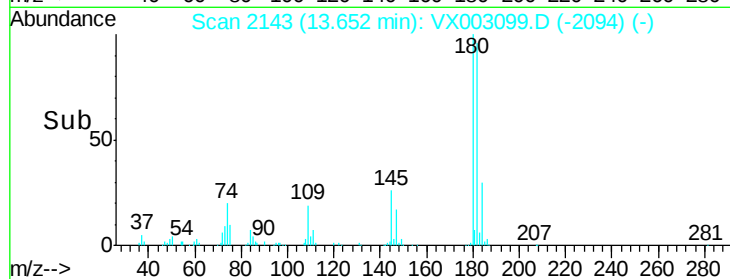
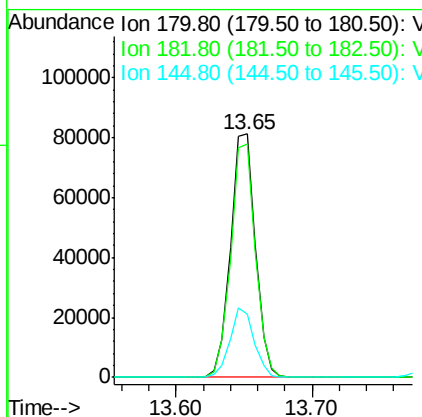
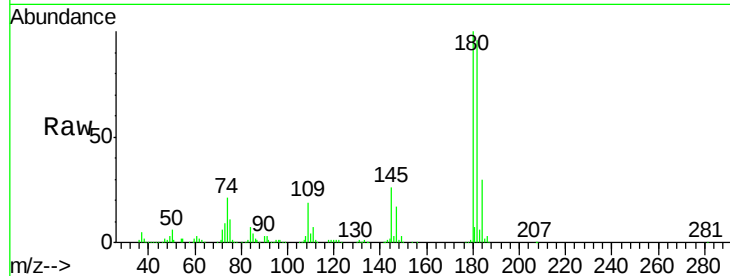
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.35 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0630WBSD02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 95.5  | 47.7 | 143.1 |       |
| 145     | 27.6  | 14.1 | 42.4  |       |

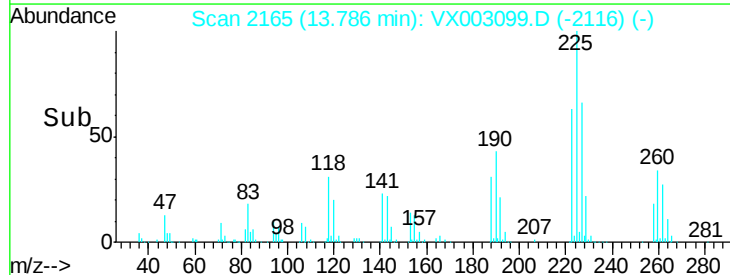
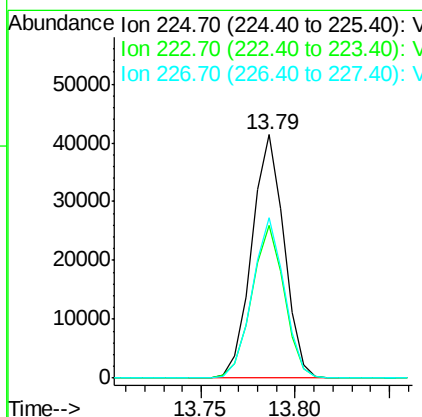
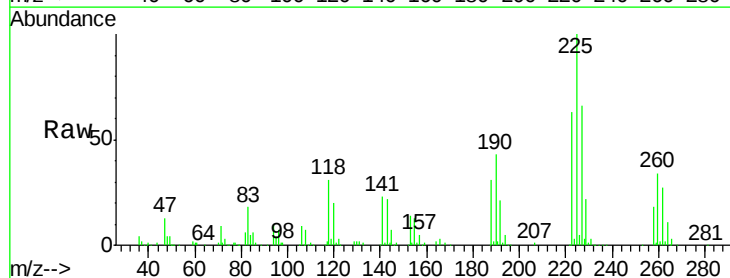
Manual Integrations  
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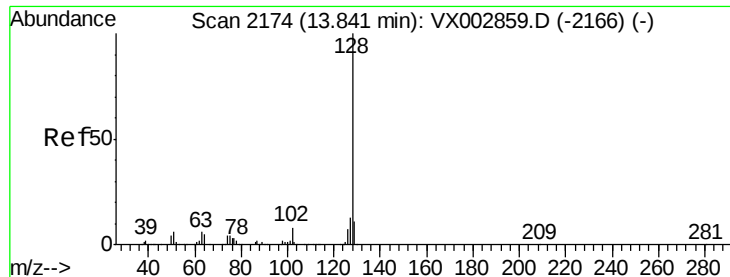
sam  
 7/3/2018 5:07:25 PM



#94  
 Hexachlorobutadiene  
 Concen: 17.52 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX003099.D  
 Acq: 01 Jul 2018 01:34

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 63.0  | 31.6 | 95.0  |       |
| 227     | 65.2  | 32.4 | 97.2  |       |





#95

Naphthalene

Concen: 19.75 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

Instrument :

MSVOA\_X

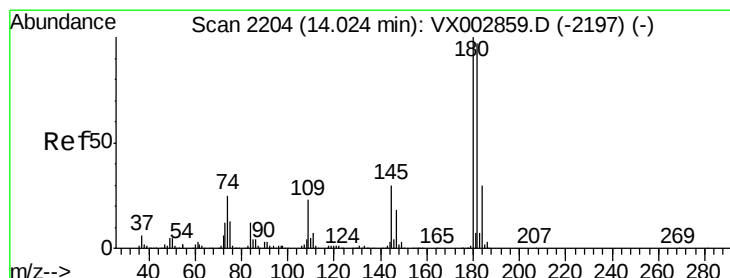
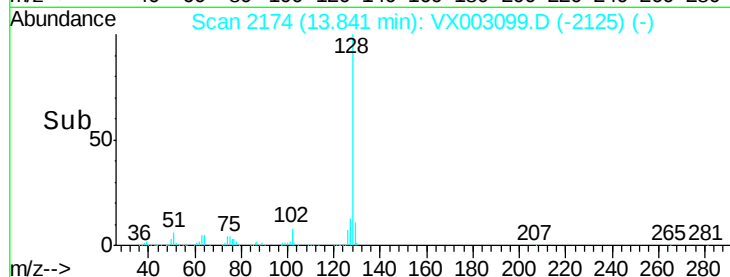
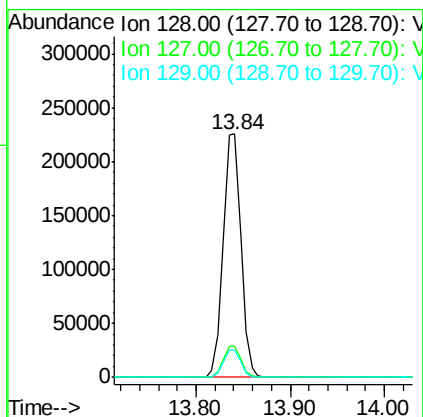
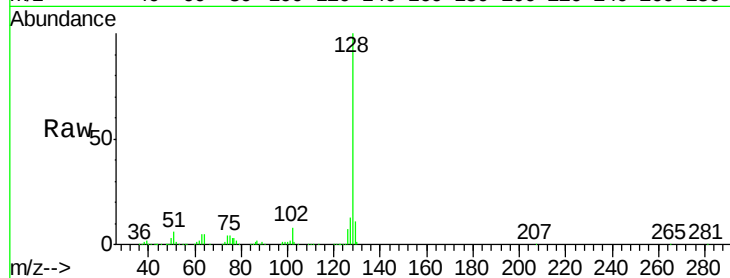
ClientSampleId :

VX0630WBSD02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 295447 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.6  | 10.4  | 15.6   |
| 129       | 11.1  | 8.6   | 13.0   |

Manual Integrations  
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sam  
7/3/2018 5:07:25 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.86 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003099.D

Acq: 01 Jul 2018 01:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 105848 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.2  | 48.0  | 144.0  |
| 145       | 29.5  | 14.8  | 44.3   |

