

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\  
 Data File : VX000093.D  
 Acq On : 14 Feb 2018 18:21  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ClientSampled :  
 VSTDIC005

Manual Integrations  
 APPROVED

sam  
 2/16/2018 1:20:40 PM

Quant Time: Feb 15 03:29:08 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 02:51:39 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.68  | 168  | 116154   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 192565   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 184642   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 99504    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.08  | 65   | 7343     | 5.84 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 11.68% |          |
| 35) Dibromofluoromethane    | 5.52  | 113  | 5792     | 5.10 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 10.20% |          |
| 50) Toluene-d8              | 8.73  | 98   | 23700    | 5.53 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 11.06% |          |
| 62) 4-Bromofluorobenzene    | 11.15 | 95   | 9235     | 5.35 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 10.70% |          |

| Target Compounds              | R.T. | QIon | Response | Conc  | Units | Qvalue |
|-------------------------------|------|------|----------|-------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 5443     | 5.04  | ug/l  | 95     |
| 3) Chloromethane              | 1.32 | 50   | 6218     | 5.74  | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.41 | 62   | 6787     | 5.53  | ug/l  | 98     |
| 5) Bromomethane               | 1.64 | 94   | 7087     | 9.77  | ug/l  | 97     |
| 6) Chloroethane               | 1.72 | 64   | 4699     | 6.33  | ug/l  | 92     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 12767    | 5.97  | ug/l  | 95     |
| 8) Diethyl Ether              | 2.20 | 74   | 4477     | 5.81  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 7091     | 5.87  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 6407     | 4.74  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 3.09 | 59   | 15765    | 31.20 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 6464     | 5.66  | ug/l  | 88     |
| 13) Acrolein                  | 2.30 | 56   | 8268     | 32.77 | ug/l  | 95     |
| 14) Allyl chloride            | 2.73 | 41   | 10955    | 5.49  | ug/l  | 97     |
| 15) Acrylonitrile             | 3.16 | 53   | 26273    | 30.24 | ug/l  | 98     |
| 16) Acetone                   | 2.45 | 43   | 25660    | 33.65 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.57 | 76   | 19220    | 5.81  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.79 | 43   | 11996    | 6.40  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.21 | 73   | 22297    | 5.70  | ug/l  | # 90   |
| 20) Methylene Chloride        | 2.86 | 84   | 7272     | 5.97  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 7307     | 5.93  | ug/l  | 96     |
| 22) Diisopropyl ether         | 3.89 | 45   | 17751    | 5.38  | ug/l  | 92     |
| 23) Vinyl Acetate             | 3.84 | 43   | 79443    | 26.61 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 10531    | 5.28  | ug/l  | 98     |
| 25) 2-Butanone                | 4.72 | 43   | 34502    | 30.59 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 9555     | 5.46  | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 6979     | 5.82  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.04 | 49   | 4976     | 6.96  | ug/l  | 94     |
| 29) Tetrahydrofuran           | 5.18 | 42   | 22261    | 29.07 | ug/l  | 98     |
| 30) Chloroform                | 5.23 | 83   | 11553    | 5.60  | ug/l  | 90     |
| 31) Cyclohexane               | 5.58 | 56   | 9375     | 5.59  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97   | 10439    | 5.38  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.81 | 75   | 8799     | 5.23  | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.88 | 43   | 12727    | 5.80  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 9146     | 4.87  | ug/l  | 94     |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\  
 Data File : VX000093.D  
 Acq On : 14 Feb 2018 18:21  
 Operator : JC/MD  
 Sample : VSTDIC005  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

sam  
 2/16/2018 1:20:40 PM

Quant Time: Feb 15 03:29:08 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 15 02:51:39 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.47  | 83   | 10111    | 4.96   | ug/l   | 99       |
| 40) Benzene                    | 6.15  | 78   | 25443    | 5.36   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.08  | 41   | 6219     | 5.52   | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 6.21  | 62   | 9672     | 5.67   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.48  | 43   | 17341    | 5.27   | ug/l   | 97       |
| 44) Trichloroethene            | 7.22  | 130  | 7401     | 5.08   | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 6175     | 5.34   | ug/l   | 96       |
| 46) Dibromomethane             | 7.67  | 93   | 4734     | 5.29   | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.91  | 83   | 8612     | 4.97   | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.79  | 41   | 8352     | 5.17   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 7.77  | 88   | 4311     | 100.01 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 63466    | 27.50  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 15978    | 5.00   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 8.45  | 75   | 10386    | 5.13   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.05  | 75   | 9599     | 4.87   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.23  | 97   | 6950     | 5.19   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.19  | 69   | 10126    | 4.94   | ug/l   | 93       |
| 57) 1,3-Dichloropropane        | 9.38  | 76   | 11267    | 5.40   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 26675    | 26.27  | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.51  | 43   | 52449    | 27.76  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 7100     | 4.62   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 7223     | 4.92   | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 6720     | 4.90   | ug/l   | 94       |
| 65) Chlorobenzene              | 10.15 | 112  | 19768    | 5.14   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 6637     | 4.81   | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.26 | 91   | 33547    | 5.26   | ug/l   | 94       |
| 68) m/p-Xylenes                | 10.37 | 106  | 25809    | 10.16  | ug/l   | 100      |
| 69) o-Xylene                   | 10.71 | 106  | 12270    | 5.00   | ug/l   | 93       |
| 70) Styrene                    | 10.72 | 104  | 19393    | 4.69   | ug/l   | 95       |
| 71) Bromoform                  | 10.87 | 173  | 5234     | 4.05   | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 33607    | 5.33   | ug/l   | 96       |
| 74) N-amyl acetate             | 6.48  | 43   | 17341    | 5.46   | ug/l # | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.28 | 83   | 11380    | 5.29   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 10405m   | 5.51   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 8863     | 5.18   | ug/l   | 96       |
| 78) n-propylbenzene            | 11.37 | 91   | 39013    | 5.32   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.43 | 91   | 22115    | 5.22   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 27438    | 5.18   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.09 | 75   | 3063     | 4.07   | ug/l # | 82       |
| 82) 4-Chlorotoluene            | 11.52 | 91   | 27730    | 5.48   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.78 | 119  | 27986    | 5.25   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.82 | 105  | 29127    | 5.36   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.96 | 105  | 35234    | 5.36   | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 31244    | 5.27   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.04 | 146  | 16953    | 5.25   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.11 | 146  | 17319    | 5.23   | ug/l   | 90       |
| 89) n-Butylbenzene             | 12.40 | 91   | 29322    | 5.31   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 4467     | 4.34   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 16816    | 5.32   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 3160     | 5.08   | ug/l   | 91       |

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021418\  
Data File : VX000093.D  
Acq On : 14 Feb 2018 18:21  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

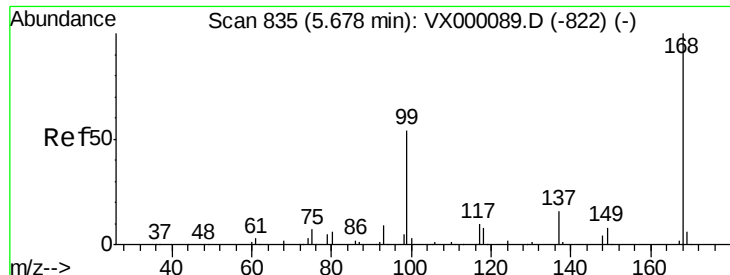
sam  
2/16/2018 1:20:40 PM

Quant Time: Feb 15 03:29:08 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X021418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 15 02:51:39 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.66 | 180  | 12387    | 5.12 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 5134     | 4.58 | ug/l  | 96       |
| 95) Naphthalene            | 13.84 | 128  | 42550    | 5.37 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.03 | 180  | 12329    | 5.23 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 116154

Ion Ratio Lower Upper

168 100

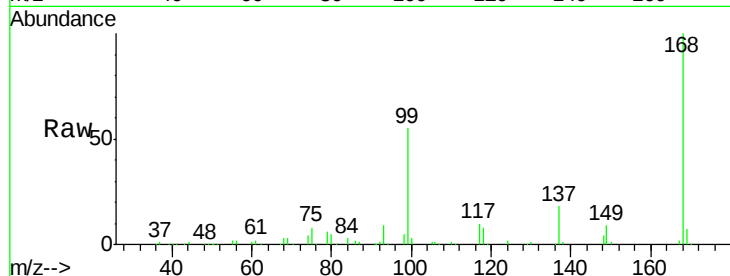
99 55.1 43.1 64.7

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

5.68

40000

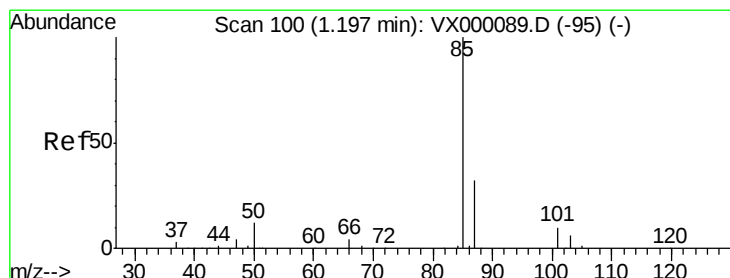
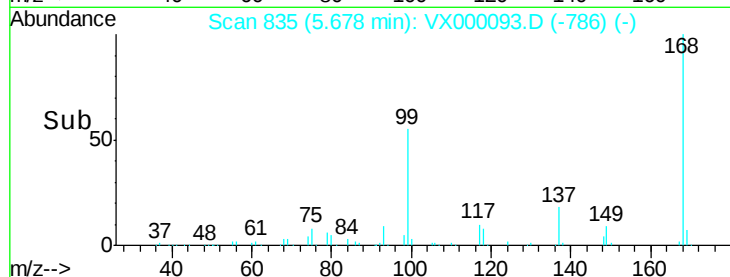
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 5.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000093.D

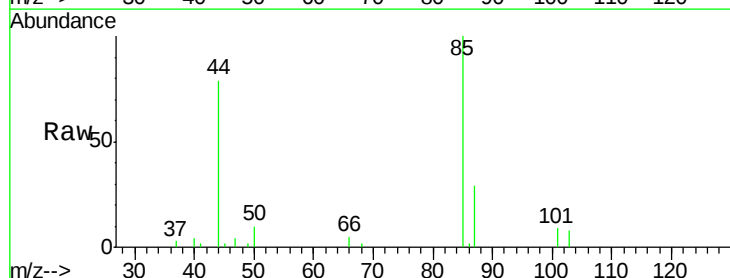
Acq: 14 Feb 2018 18:21

Tgt Ion: 85 Resp: 5443

Ion Ratio Lower Upper

85 100

87 29.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

6000

5000

4000

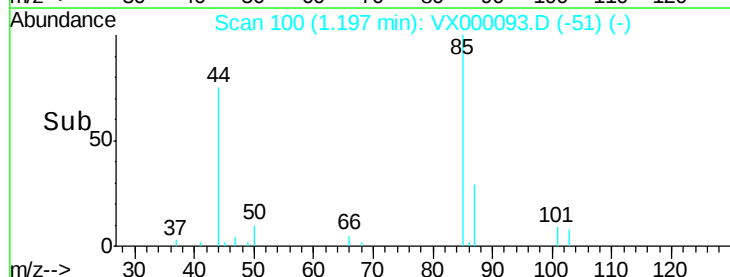
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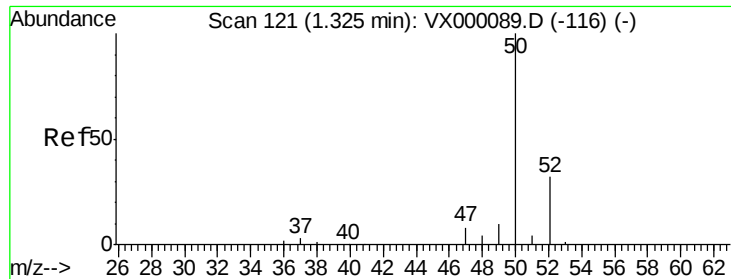
2000

1000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 5.74 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 50 Resp: 6218

Ion Ratio Lower Upper

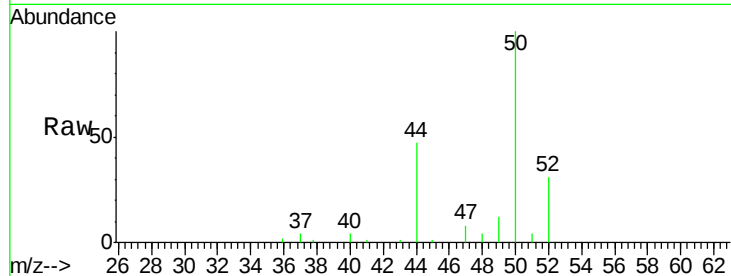
50 100

52 31.2 25.9 38.9

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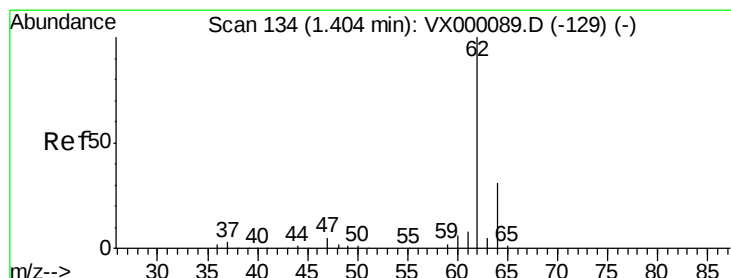
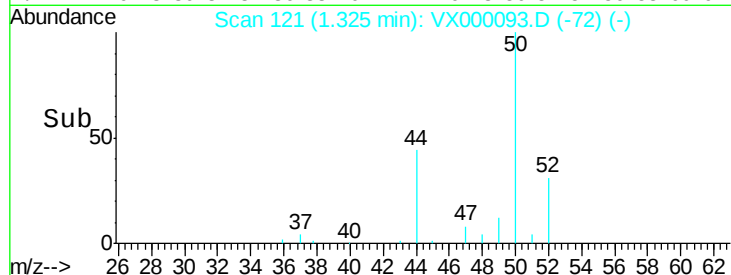
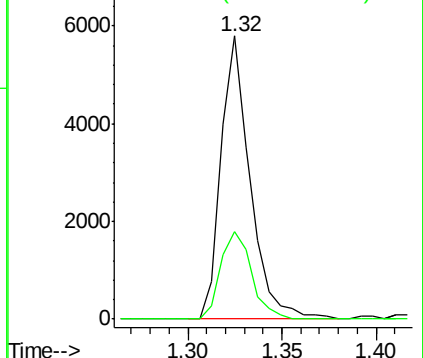
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.53 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000093.D

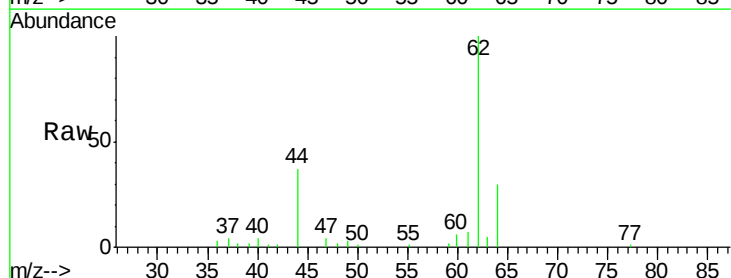
Acq: 14 Feb 2018 18:21

Tgt Ion: 62 Resp: 6787

Ion Ratio Lower Upper

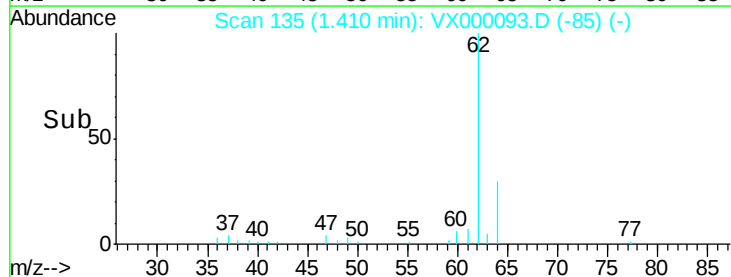
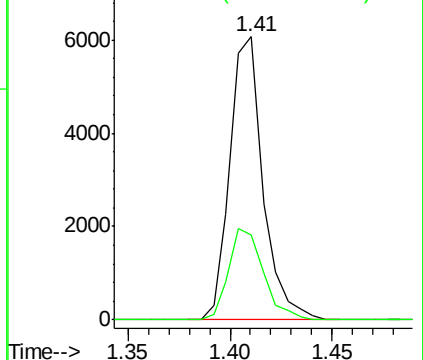
62 100

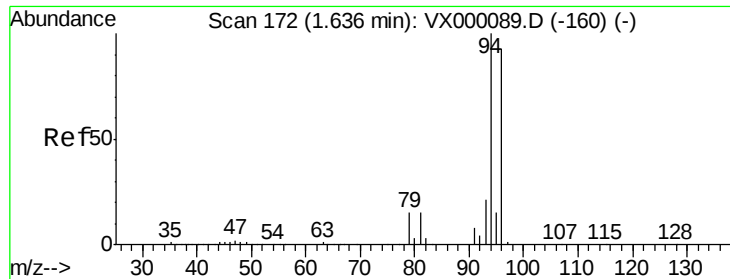
64 29.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 9.77 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 7087

Ion Ratio Lower Upper

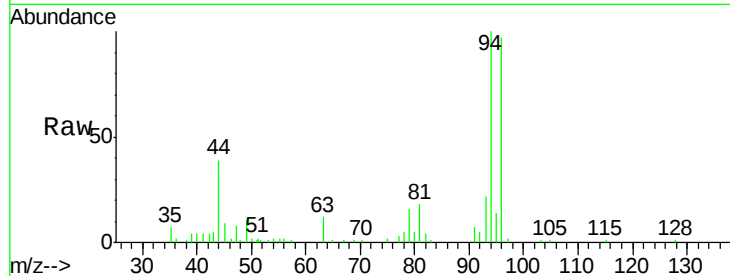
94 100

96 96.6 74.6 112.0

Manual Integrations  
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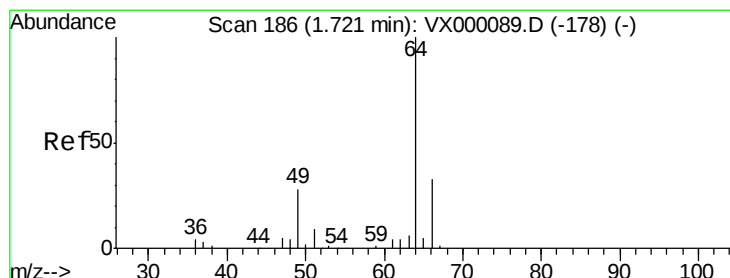
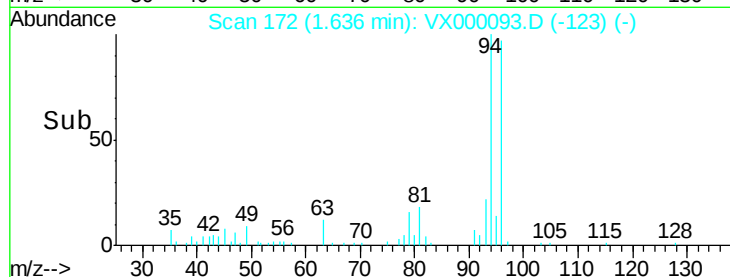
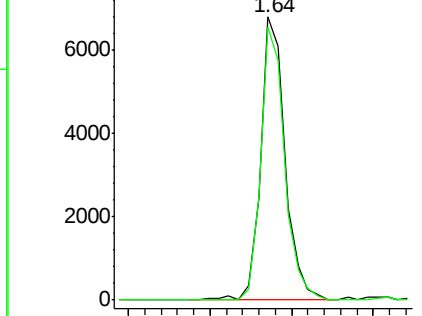
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 6.33 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000093.D

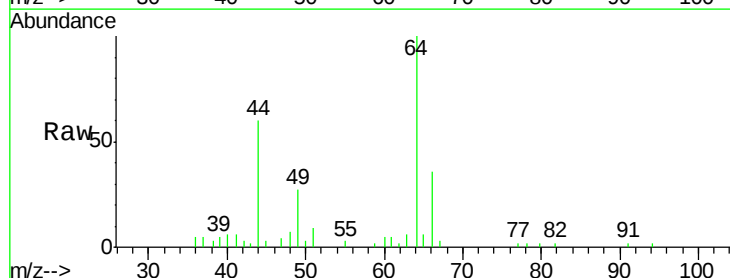
Acq: 14 Feb 2018 18:21

Tgt Ion: 64 Resp: 4699

Ion Ratio Lower Upper

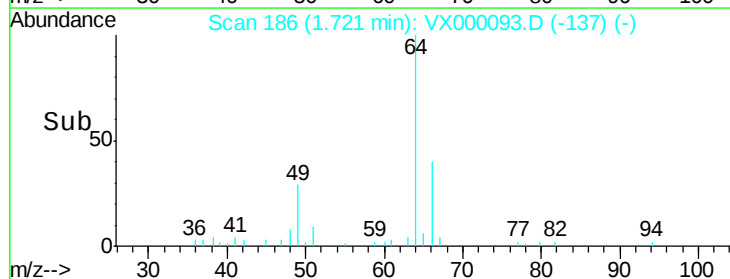
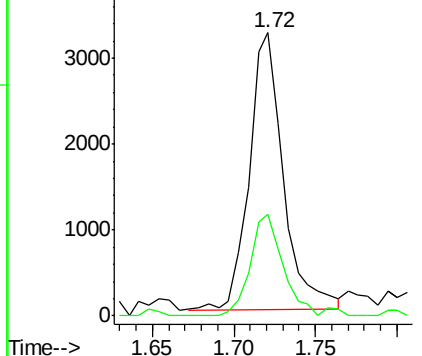
64 100

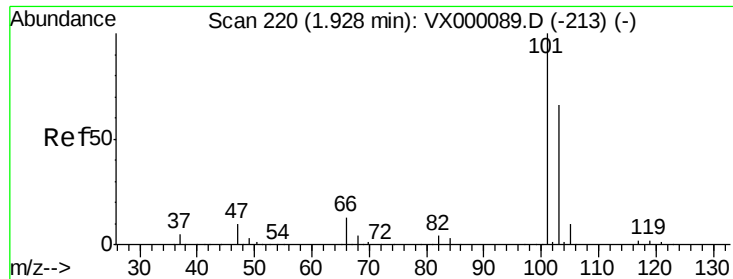
66 36.9 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 5.97 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion:101 Resp: 12767

Ion Ratio Lower Upper

101 100

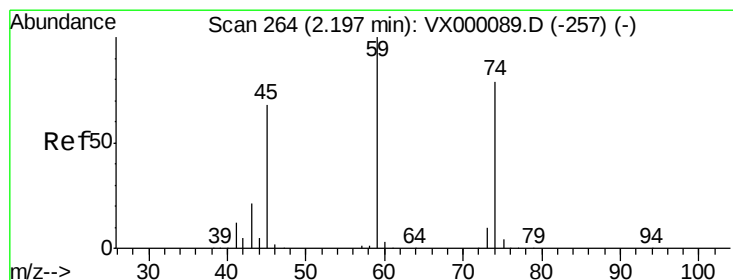
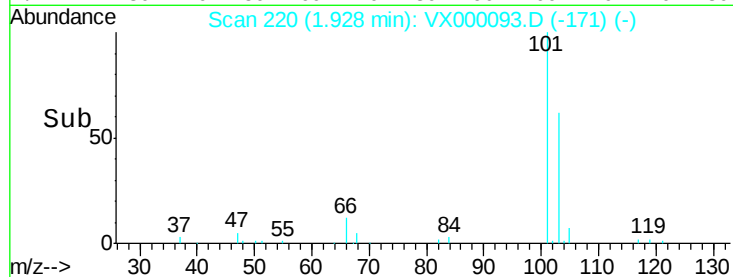
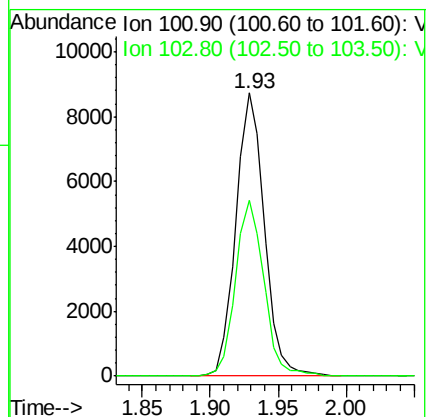
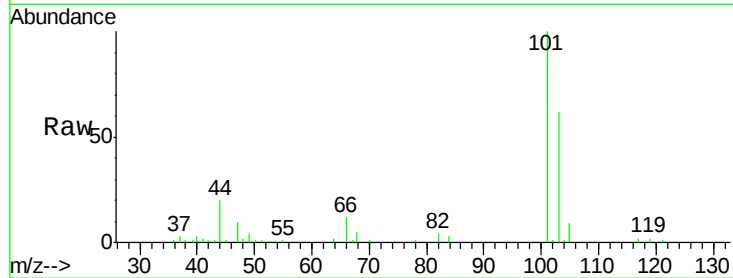
103 62.2 52.7 79.1

Manual Integrations

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sam

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#8

Diethyl Ether

Concen: 5.81 ug/l

RT: 2.20 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX000093.D

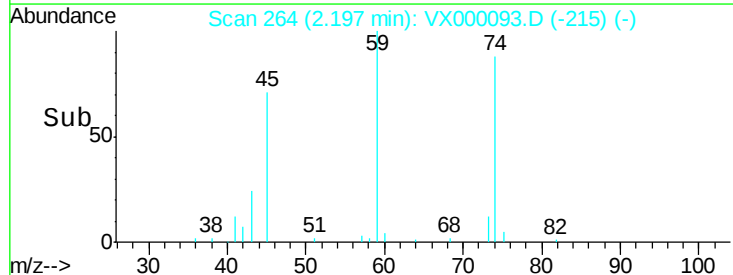
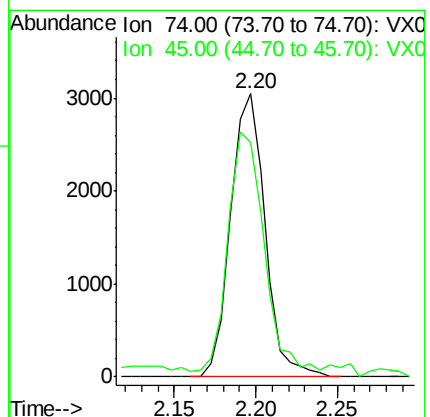
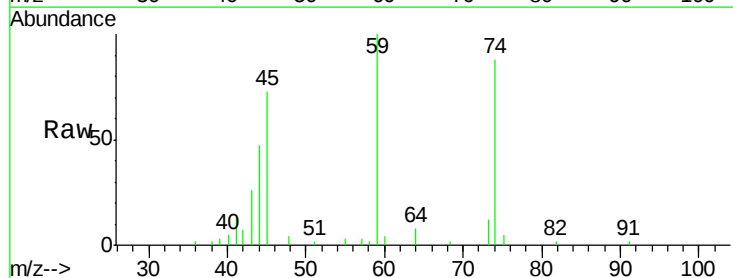
Acq: 14 Feb 2018 18:21

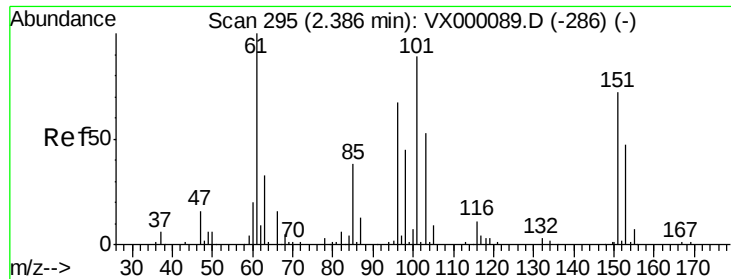
Tgt Ion: 74 Resp: 4477

Ion Ratio Lower Upper

74 100

45 88.7 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.87 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

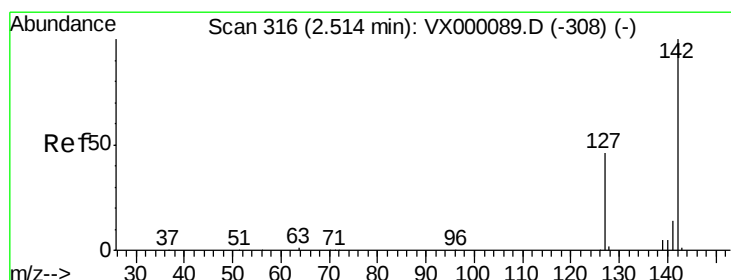
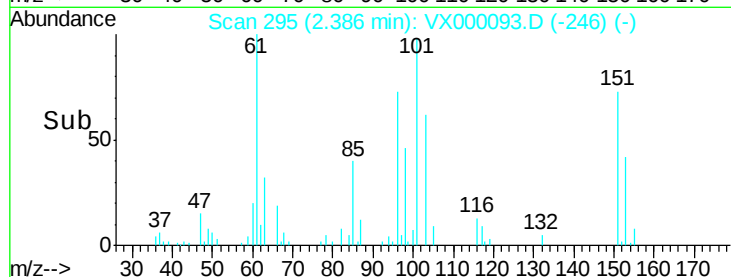
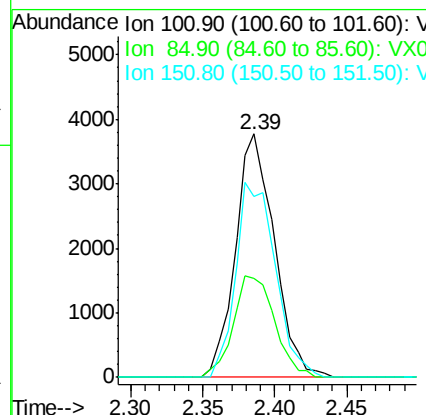
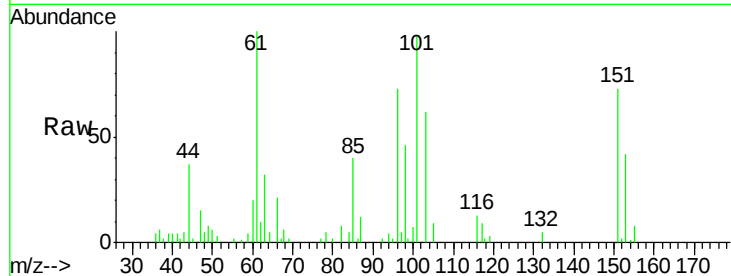
ClientSampled :

VSTDIC005

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 101   | Resp: | 7091 |
| Ion Ratio | Lower | Upper |      |
| 101       | 100   |       |      |
| 85        | 44.3  | 36.7  | 55.1 |
| 151       | 82.0  | 65.8  | 98.6 |

Manual Integrations  
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sam  
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#10

Methyl Iodide

Concen: 4.74 ug/l

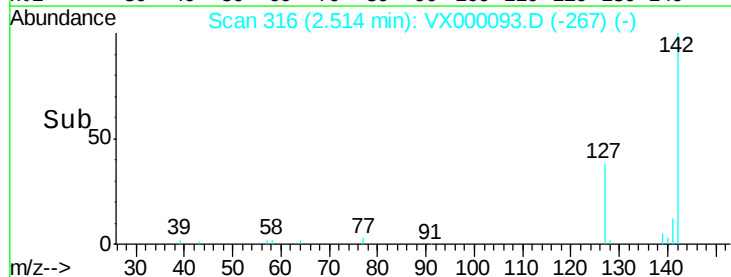
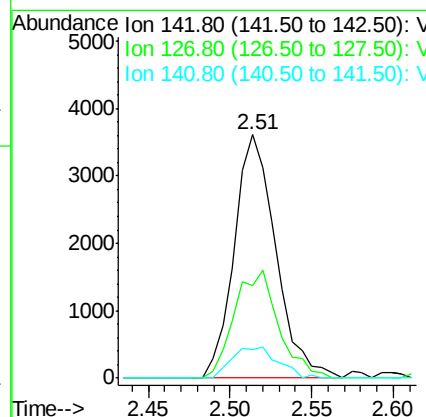
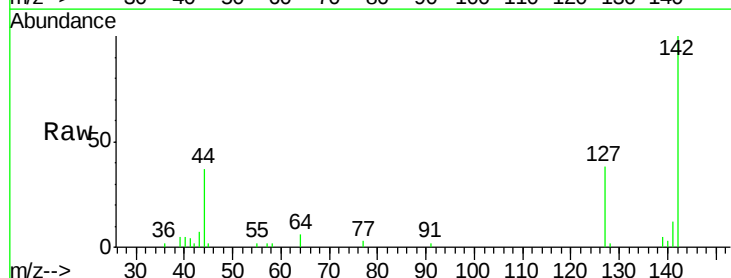
RT: 2.51 min Scan# 316

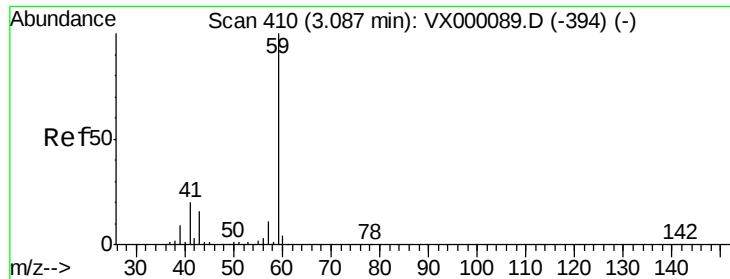
Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 142   | Resp: | 6407 |
| Ion Ratio | Lower | Upper |      |
| 142       | 100   |       |      |
| 127       | 47.2  | 36.8  | 55.2 |
| 141       | 14.1  | 11.6  | 17.4 |





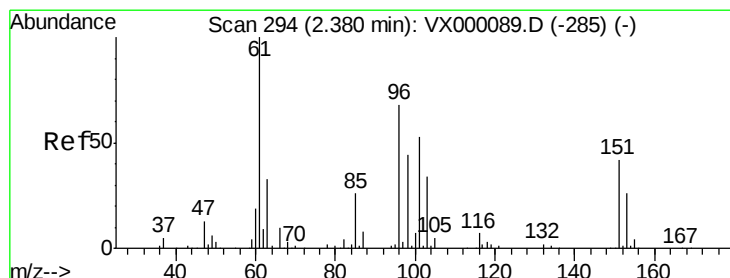
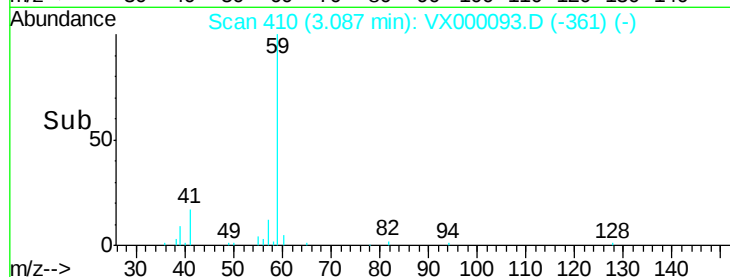
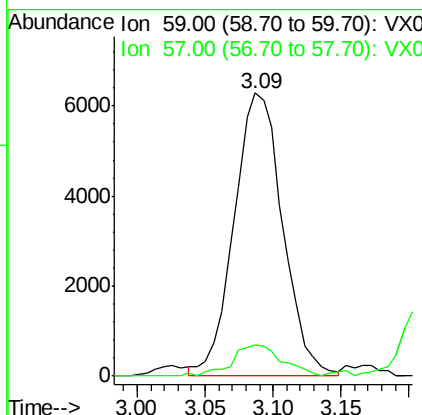
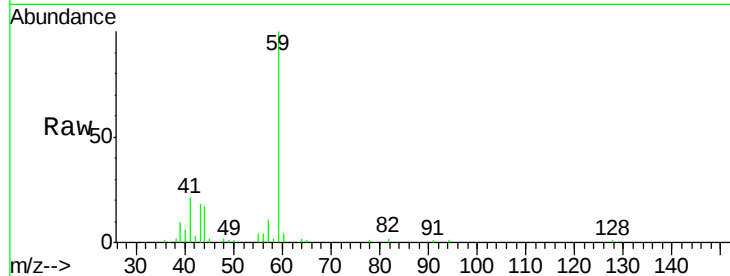
#11  
Tert butyl alcohol  
Concen: 31.20 ug/l  
RT: 3.09 min Scan# 410  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion: 59 Resp: 15765  
Ion Ratio Lower Upper  
59 100  
57 11.3 8.3 12.5

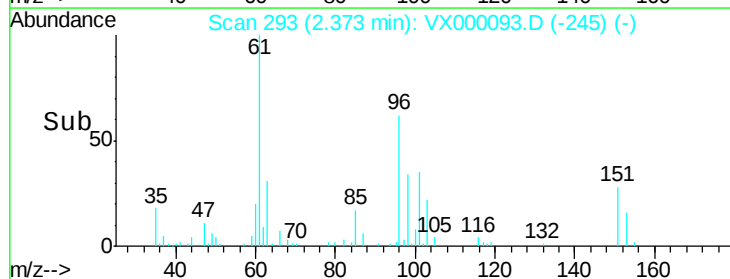
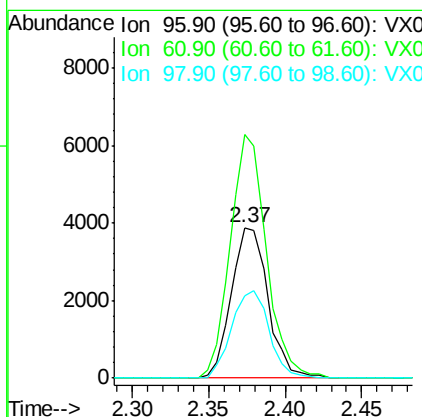
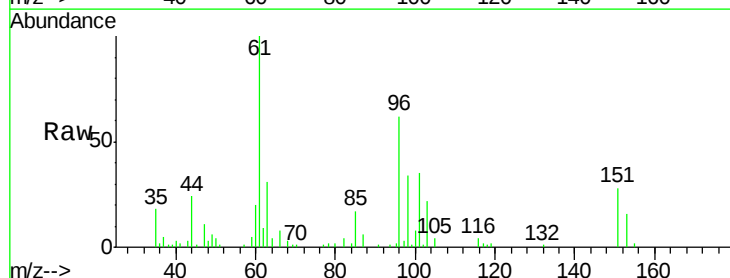
Manual Integrations  
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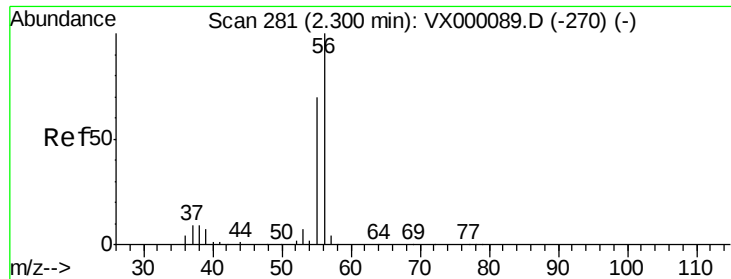
sam  
2/16/2018 1:20:40 PM



#12  
1,1-Dichloroethene  
Concen: 5.66 ug/l  
RT: 2.37 min Scan# 293  
Delta R.T. -0.01 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Tgt Ion: 96 Resp: 6464  
Ion Ratio Lower Upper  
96 100  
61 161.4 117.7 176.5  
98 54.4 51.3 76.9





#13

Acrolein

Concen: 32.77 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 56 Resp: 8268

Ion Ratio Lower Upper

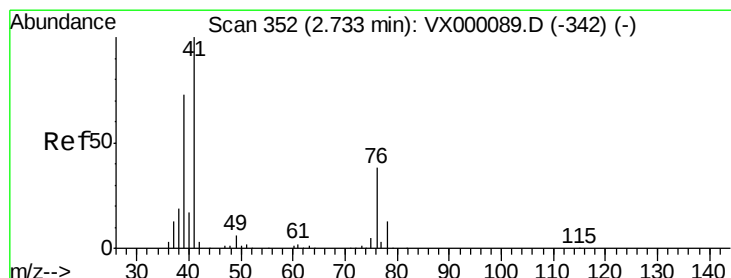
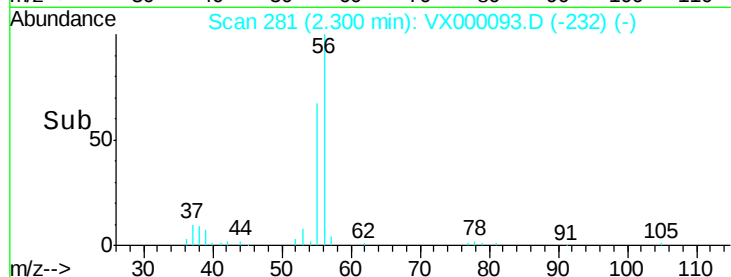
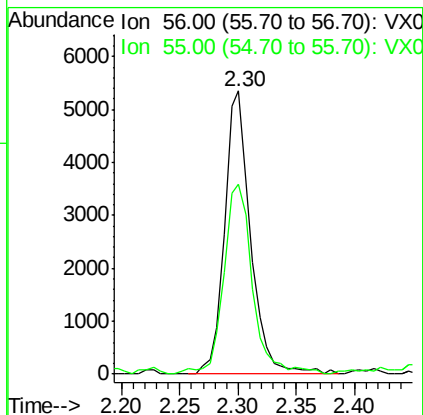
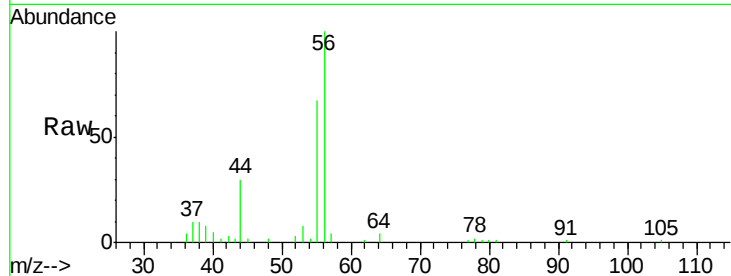
56 100

55 74.5 56.2 84.4

Manual Integrations  
APPROVED

sam

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#14

Allyl chloride

Concen: 5.49 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

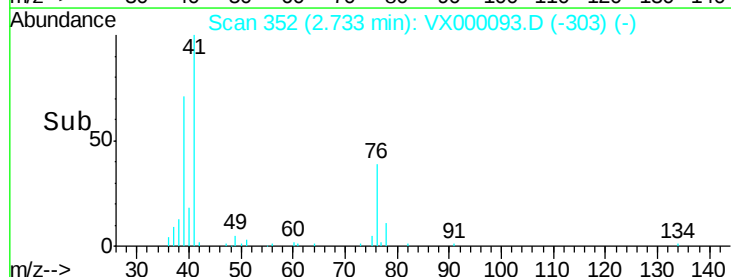
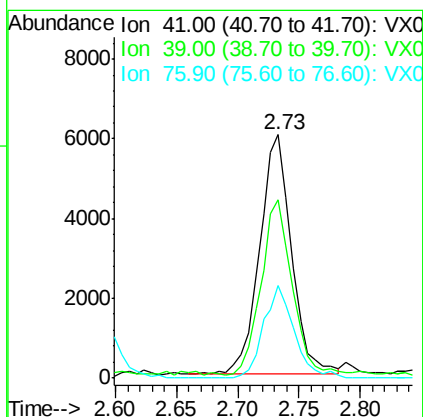
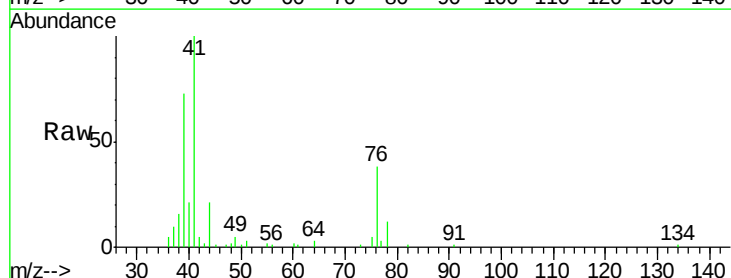
Tgt Ion: 41 Resp: 10955

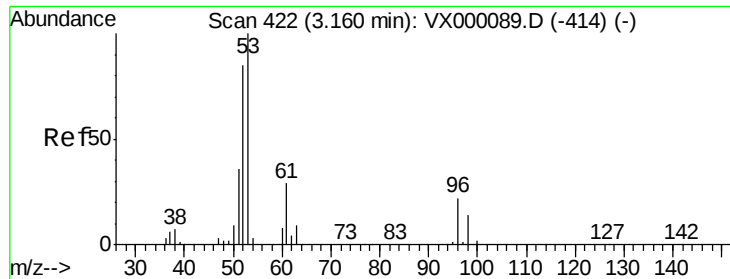
Ion Ratio Lower Upper

41 100

39 71.3 55.1 82.7

76 36.8 28.5 42.7





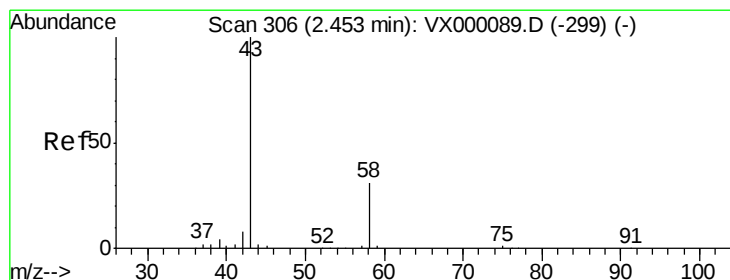
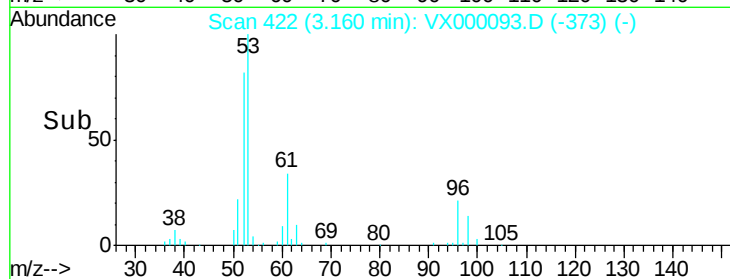
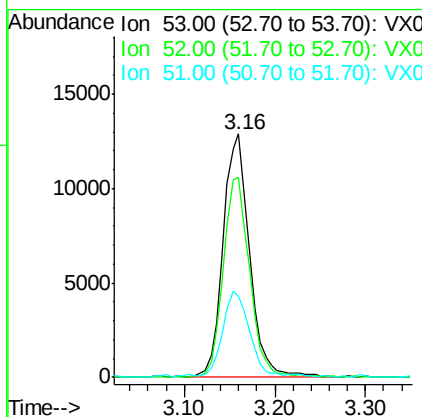
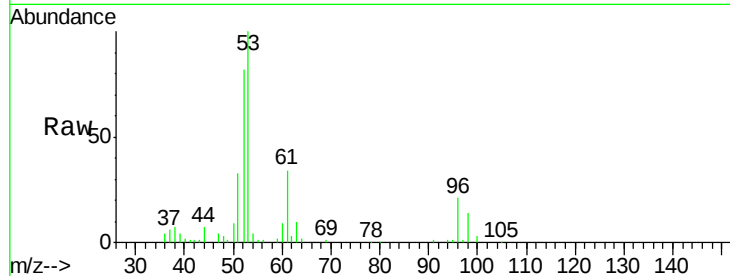
#15  
 Acrylonitrile  
 Concen: 30.24 ug/l  
 RT: 3.16 min Scan# 422  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Instrument :  
 ClientSampled :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 81.9  | 66.5  | 99.7  |
| 51      | 34.6  | 29.0  | 43.6  |

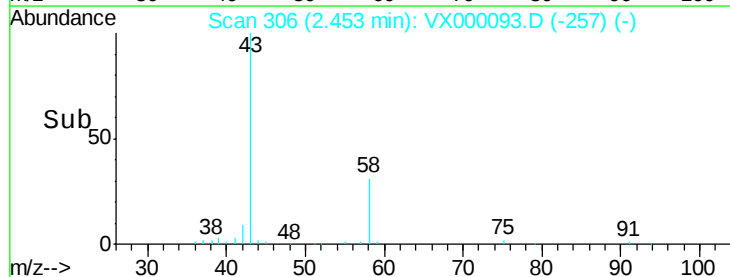
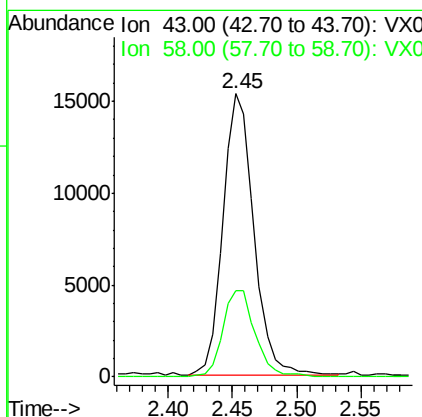
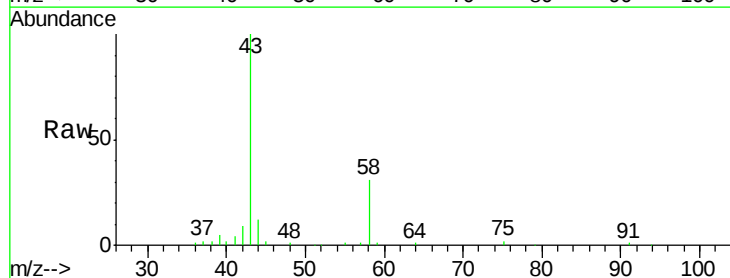
Manual Integrations  
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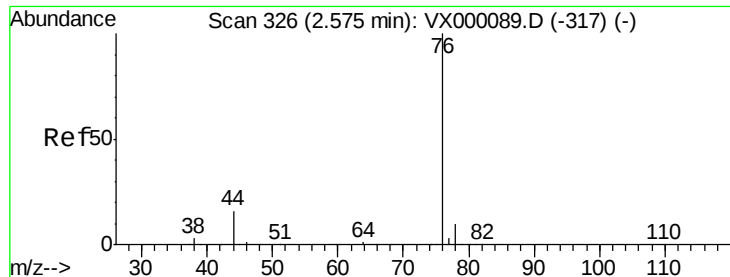
sam  
 2/16/2018 1:20:40 PM



#16  
 Acetone  
 Concen: 33.65 ug/l  
 RT: 2.45 min Scan# 306  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 30.9  | 25.0  | 37.4  |





#17

Carbon Disulfide

Concen: 5.81 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Tot Ion: 76 Resp: 19220

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.8

Instrument :

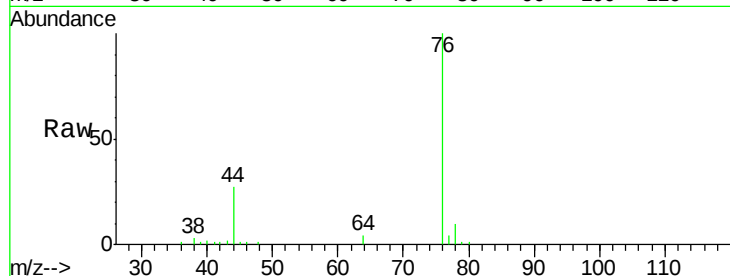
ClientSampled :

VSTDIC005

Manual Integrations  
APPROVED

sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

12000

10000

8000

6000

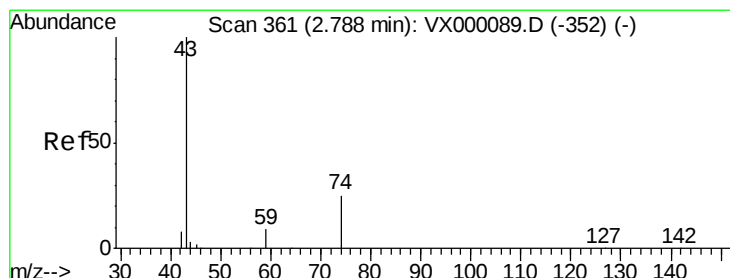
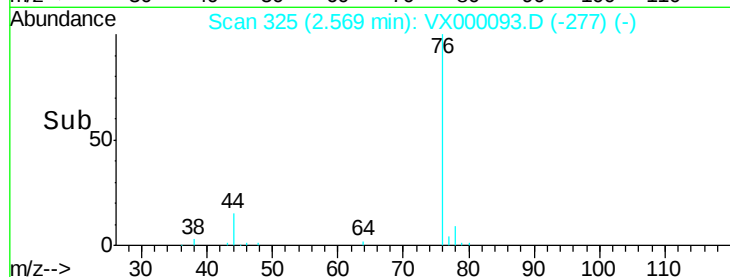
4000

2000

0

2.50 2.55 2.60 2.65

Time-->



#18

Methyl Acetate

Concen: 6.40 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000093.D

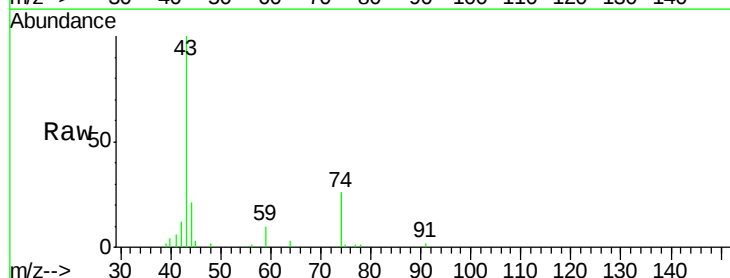
Acq: 14 Feb 2018 18:21

Tgt Ion: 43 Resp: 11996

Ion Ratio Lower Upper

43 100

74 25.5 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

8000

6000

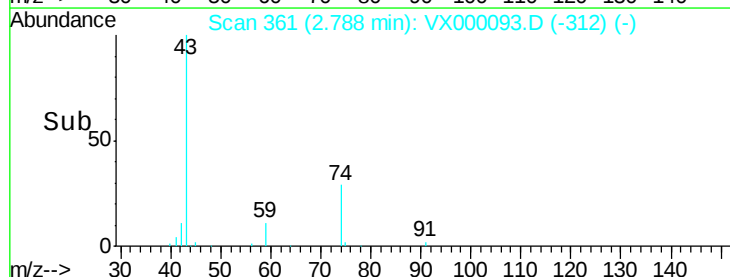
4000

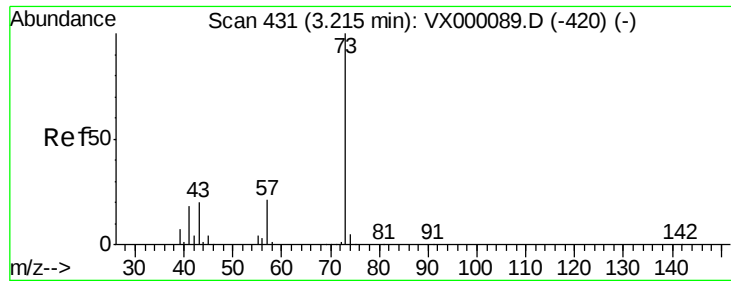
2000

0

2.70 2.75 2.80 2.85 2.90

Time-->





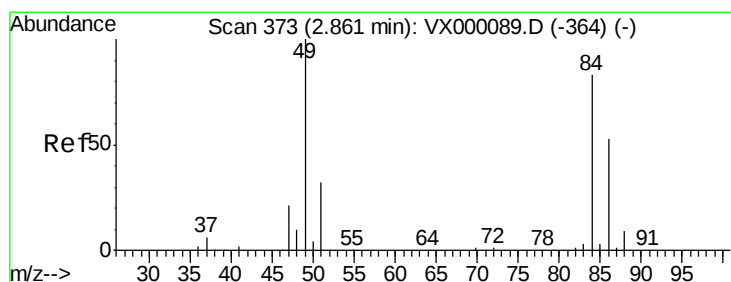
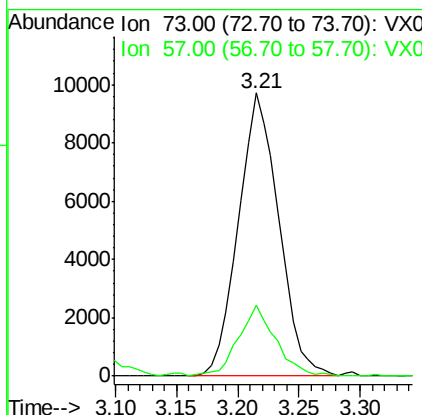
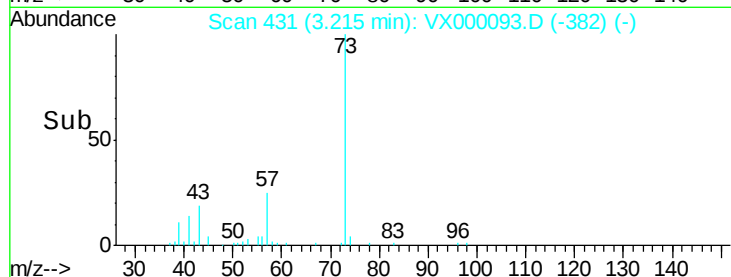
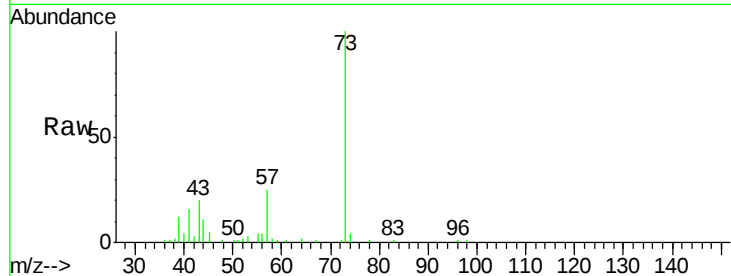
#19  
Methvl tert-butvl Ether  
Concen: 5.70 ug/l  
RT: 3.21 min Scan# 431  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion: 73 Resp: 22297  
Ion Ratio Lower Upper  
73 100  
57 25.1 16.4 24.6#

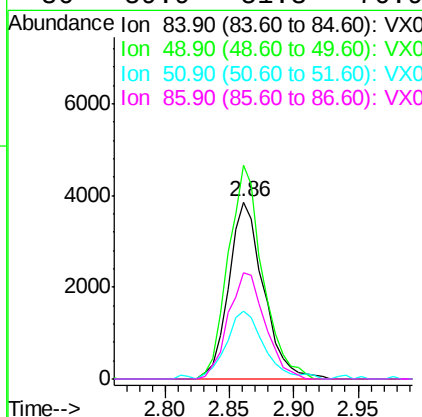
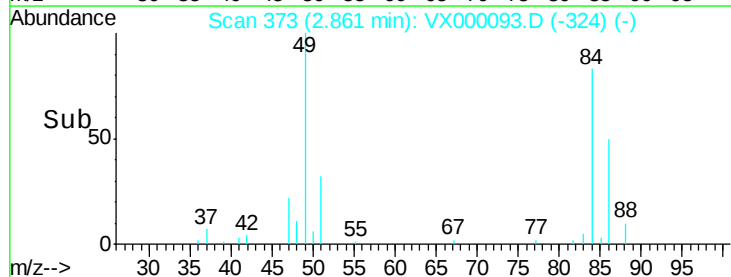
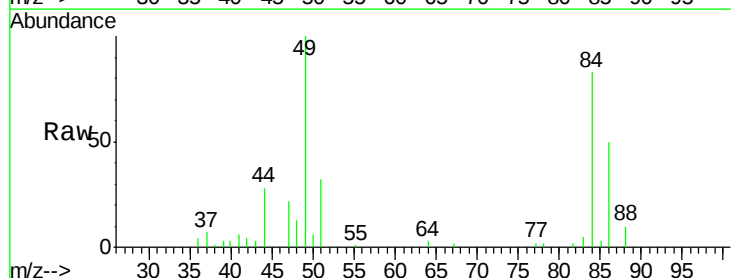
Manual Integrations  
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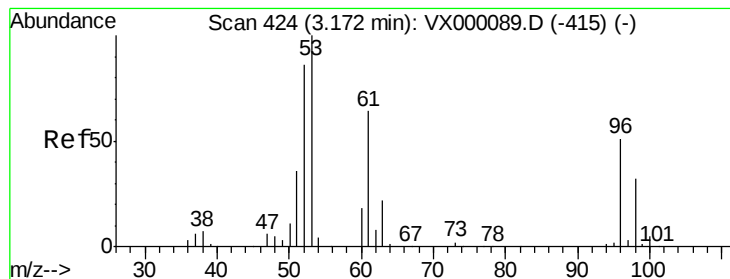
sam  
2/16/2018 1:20:40 PM



#20  
Methylene Chloride  
Concen: 5.97 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Tgt Ion: 84 Resp: 7272  
Ion Ratio Lower Upper  
84 100  
49 120.9 96.1 144.1  
51 36.9 30.5 45.7  
86 59.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 5.93 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

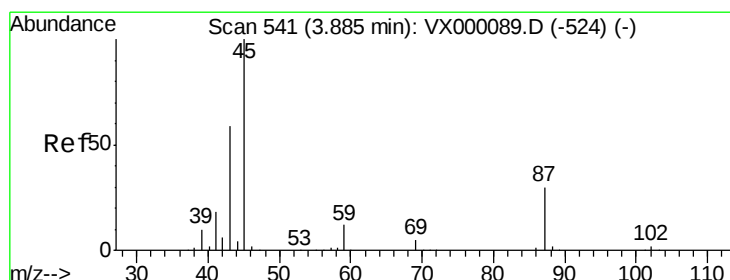
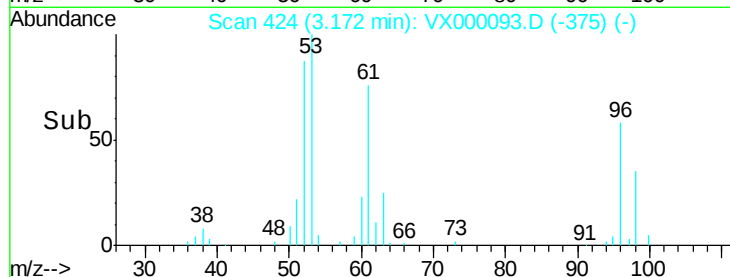
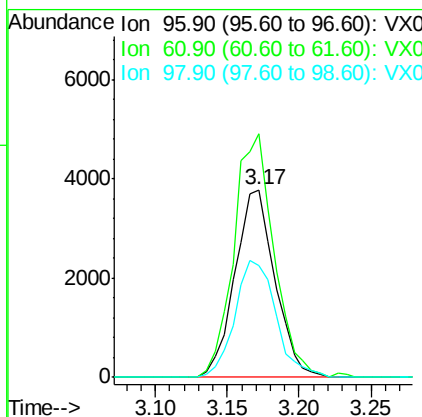
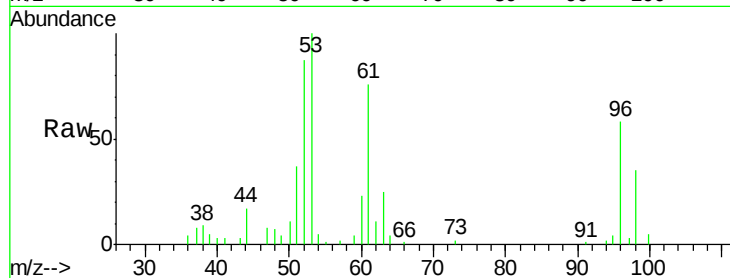
ClientSampled :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 7307  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 129.9 | 100.3 | 150.5 |
| 98       | 59.9  | 50.6  | 75.8  |

Manual Integrations  
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sam  
2/16/2018 1:20:40 PM



#22

Diisopropyl ether

Concen: 5.38 ug/l

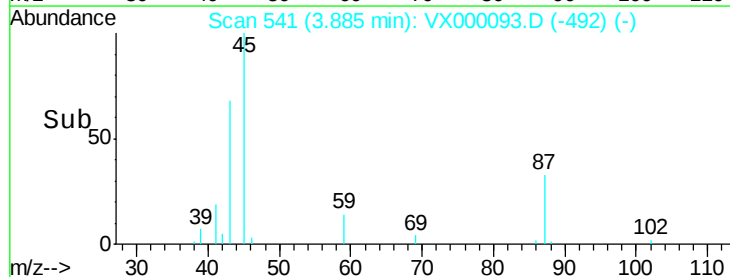
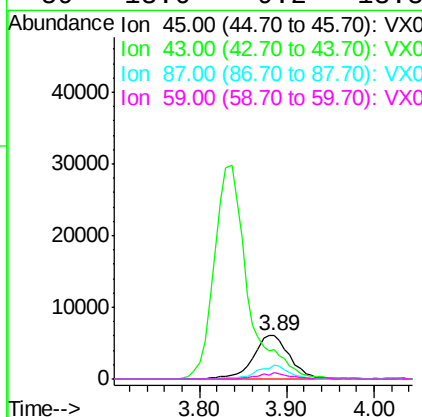
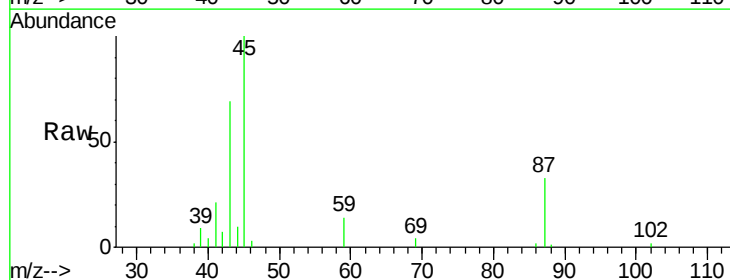
RT: 3.89 min Scan# 541

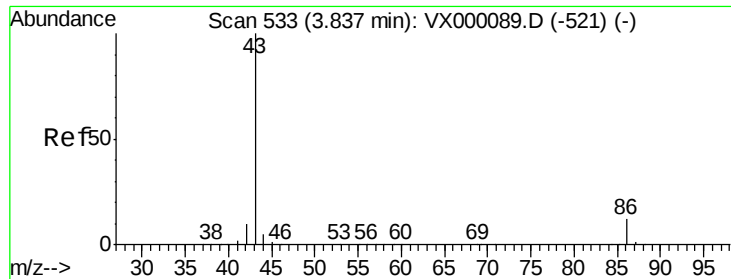
Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 17751 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 66.4  | 47.4  | 71.2  |
| 87       | 33.0  | 24.2  | 36.2  |
| 59       | 13.6  | 9.2   | 13.8  |





#23

Vinyl Acetate

Concen: 26.61 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 79443

Ion Ratio Lower Upper

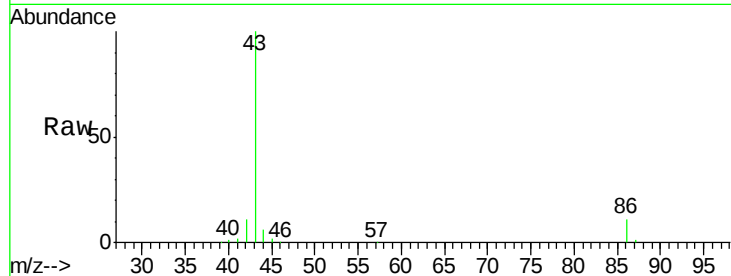
43 100

86 10.9 9.4 14.0

Manual Integrations  
APPROVED

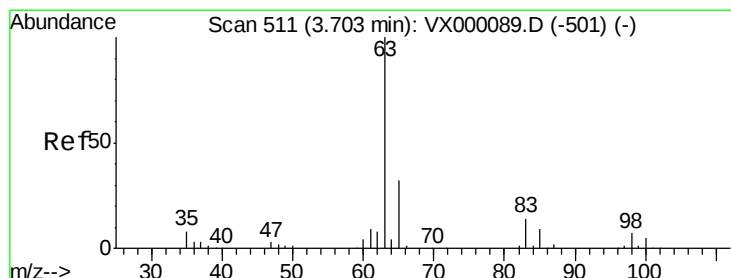
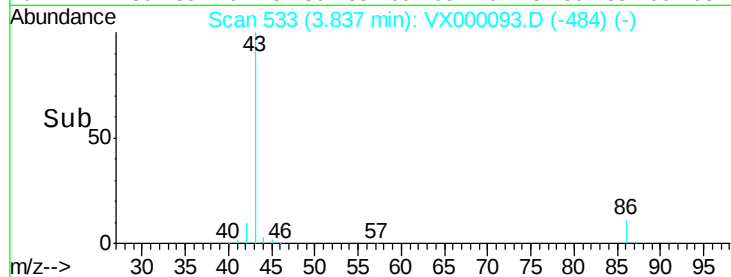
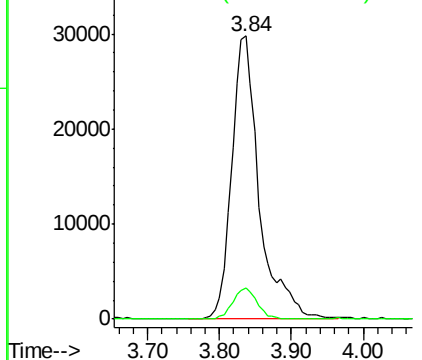
sam

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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: 5.28 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

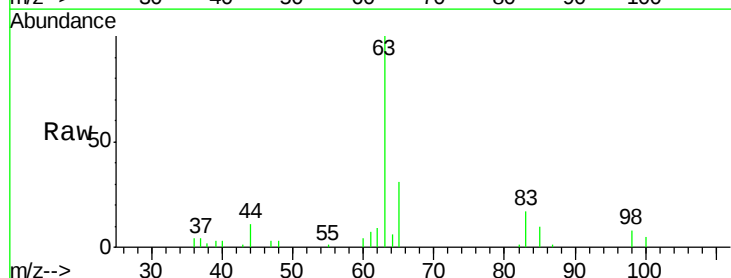
Tgt Ion: 63 Resp: 10531

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.5

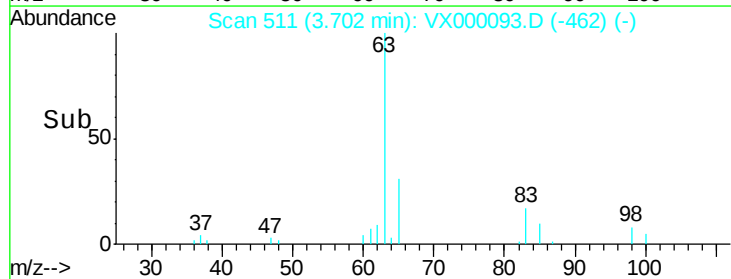
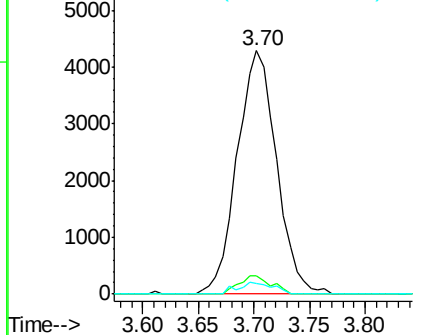
100 4.5 2.4 7.1

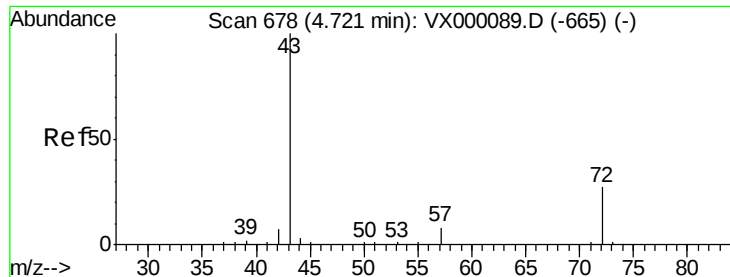


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 30.59 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 34502

Ion Ratio Lower Upper

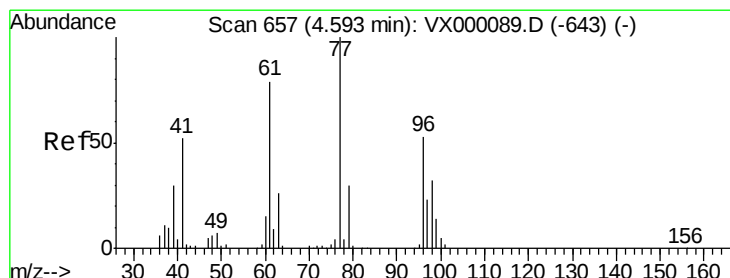
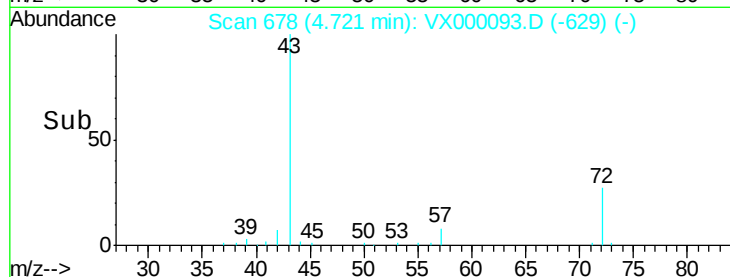
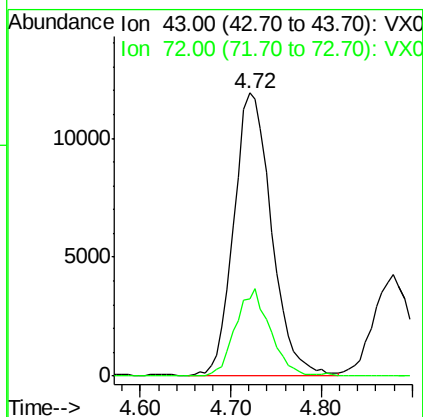
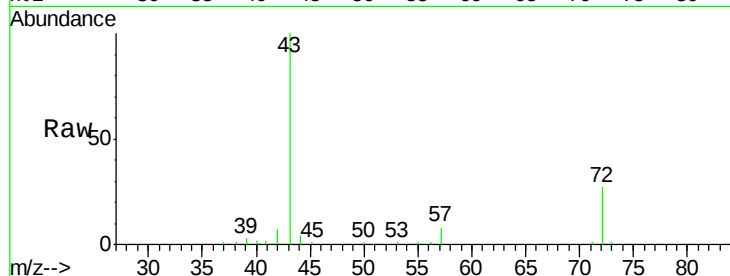
43 100

72 27.3 21.3 31.9

Manual Integrations  
APPROVED

sam

2/16/2018 1:20:40 PM



#26

2,2-Dichloropropane

Concen: 5.46 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000093.D

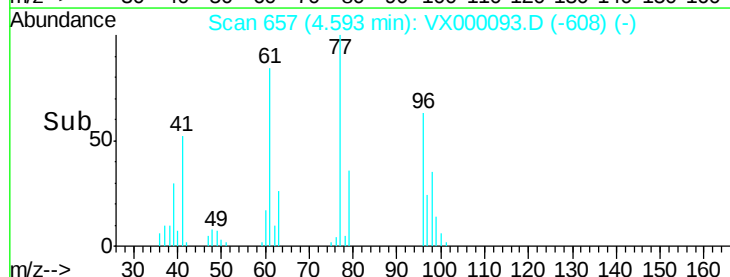
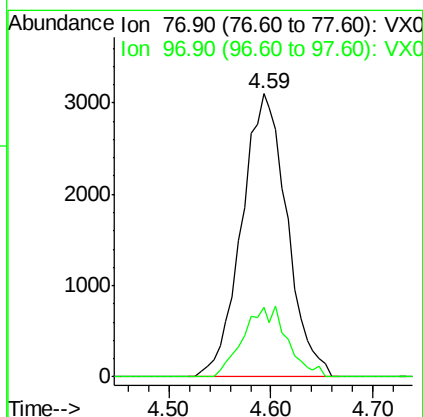
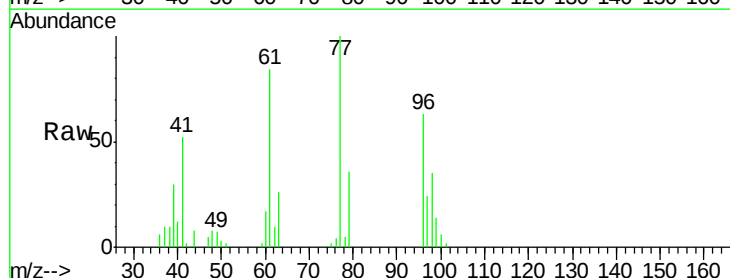
Acq: 14 Feb 2018 18:21

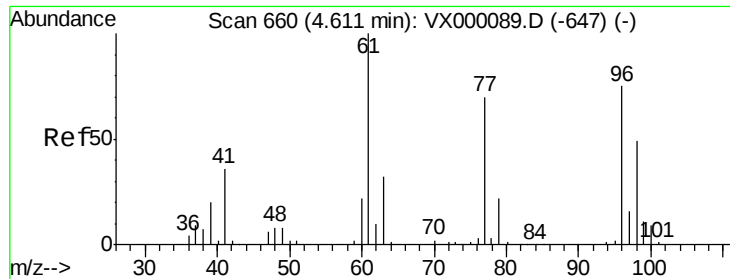
Tgt Ion: 77 Resp: 9555

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.2





#27

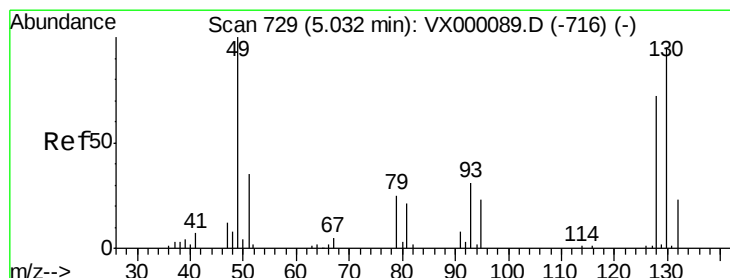
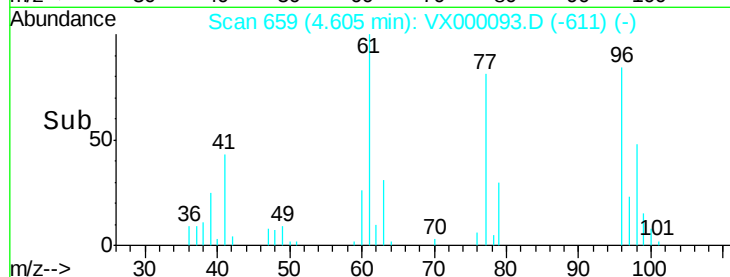
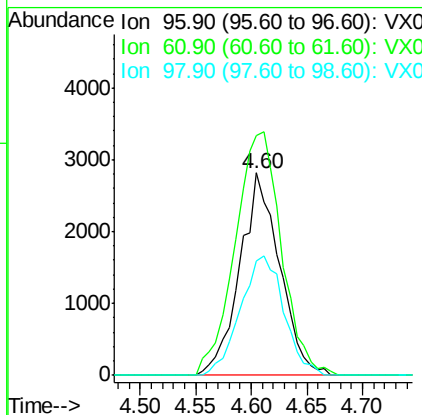
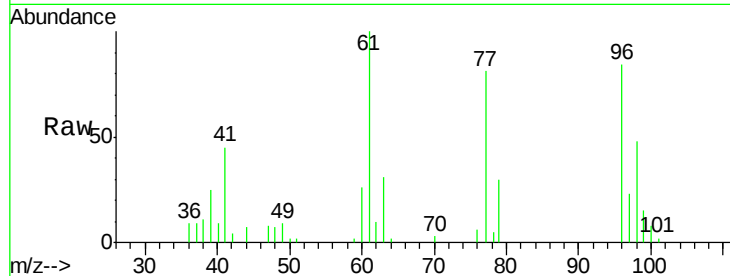
cis-1,2-Dichloroethene  
Concen: 5.82 ug/l  
RT: 4.60 min Scan# 659  
Delta R.T. -0.01 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.3 | 0.0   | 285.6 |
| 98      | 64.7  | 0.0   | 131.8 |

Manual Integrations  
APPROVED

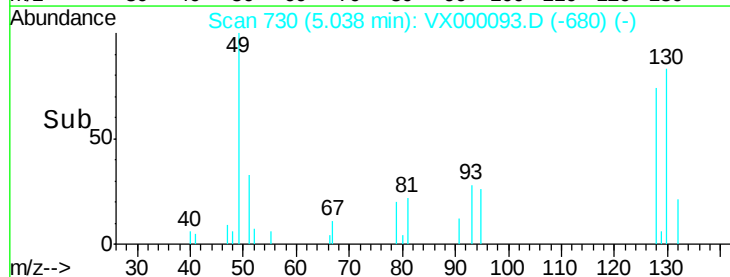
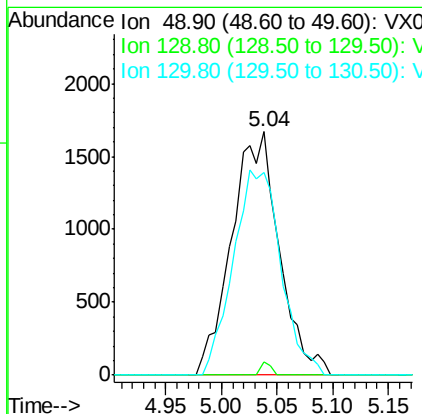
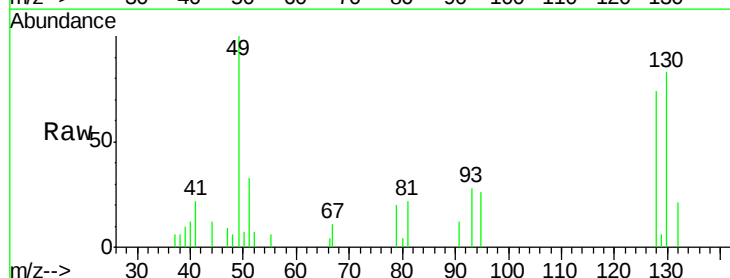
sam  
2/16/2018 1:20:40 PM

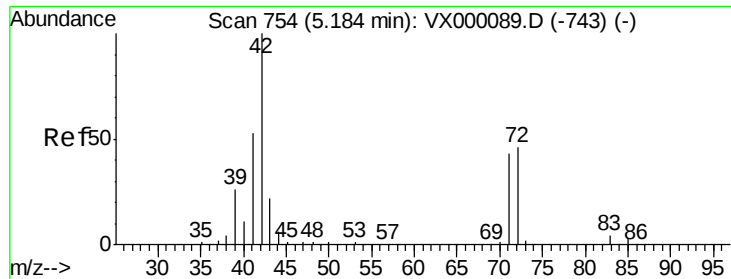


#28

Bromochloromethane  
Concen: 6.96 ug/l  
RT: 5.04 min Scan# 730  
Delta R.T. 0.01 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.2   | 0.0   | 5.0   |
| 130     | 84.1  | 71.9  | 107.9 |





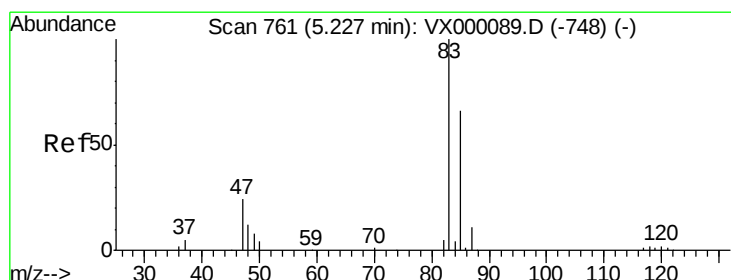
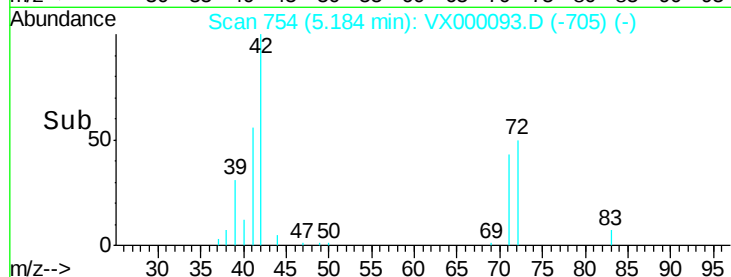
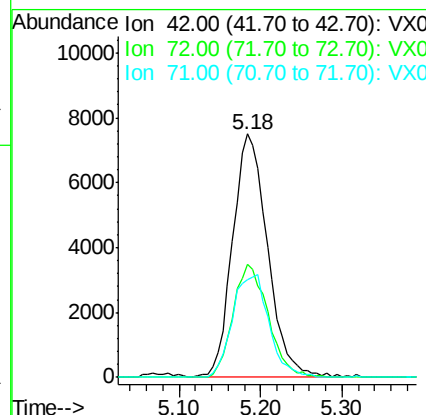
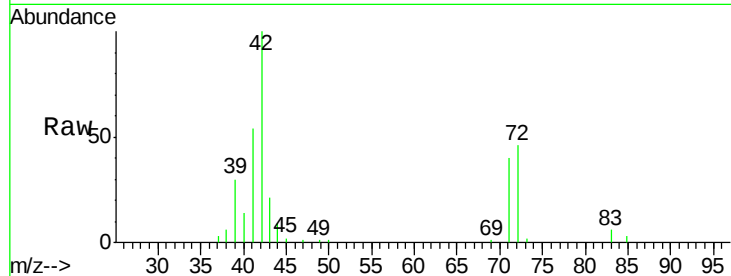
#29  
Tetrahydrofuran  
Concen: 29.07 ug/l  
RT: 5.18 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.6  | 38.6  | 58.0  |
| 71      | 43.9  | 36.2  | 54.4  |

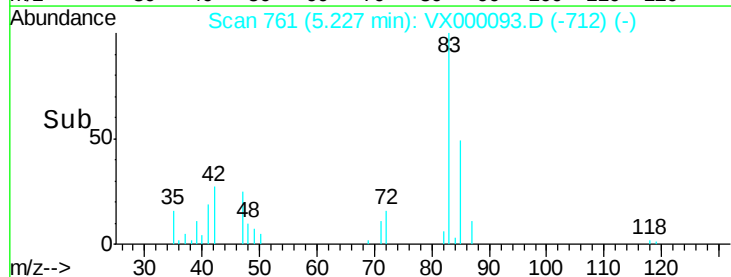
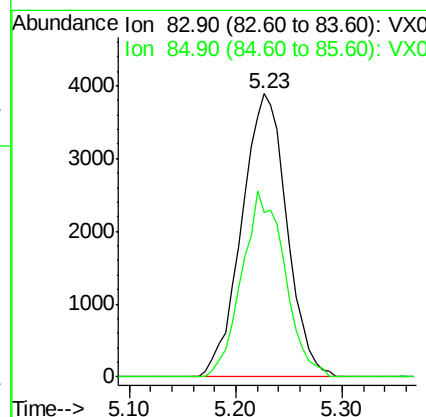
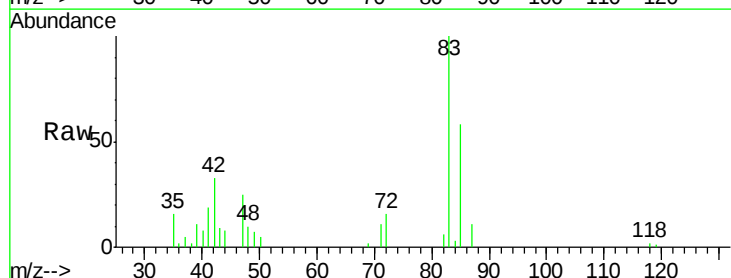
Manual Integrations  
APPROVED

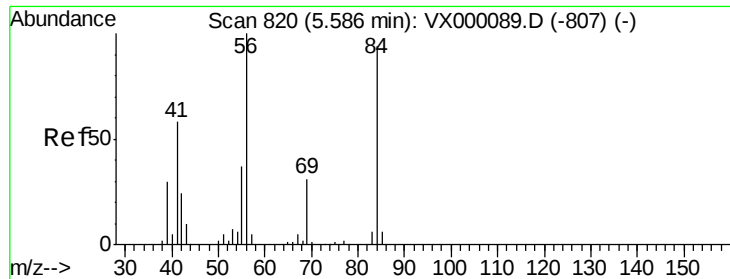
sam  
2/16/2018 1:20:40 PM



#30  
Chloroform  
Concen: 5.60 ug/l  
RT: 5.23 min Scan# 761  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 58.0  | 52.7  | 79.1  |





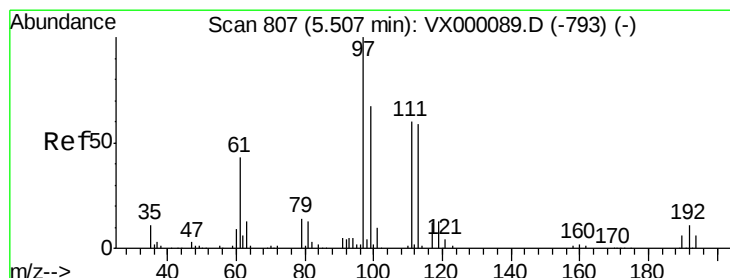
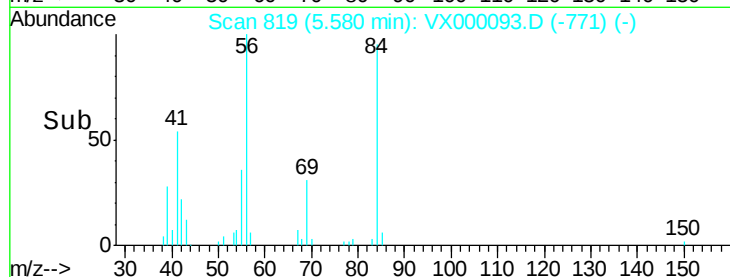
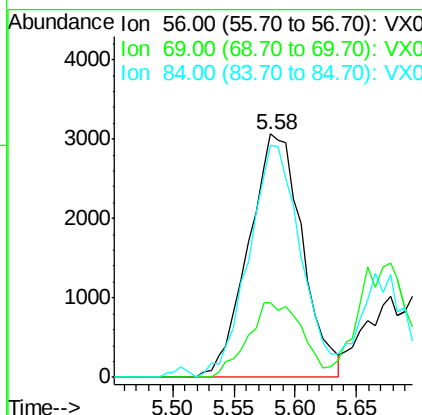
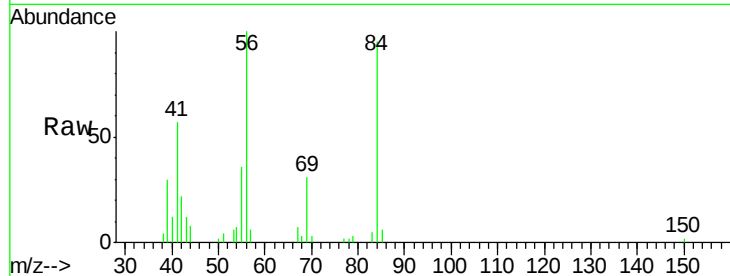
#31  
Cyclohexane  
Concen: 5.59 ug/l  
RT: 5.58 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.7  | 24.9  | 37.3  |
| 84      | 93.1  | 75.0  | 112.4 |

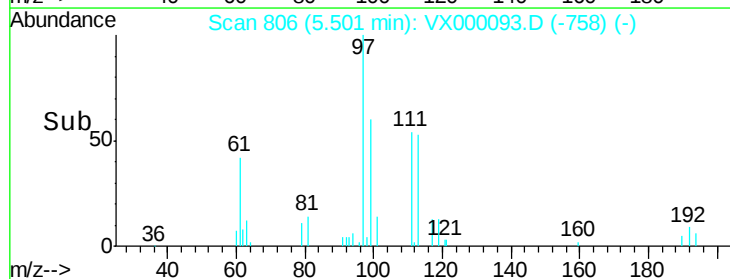
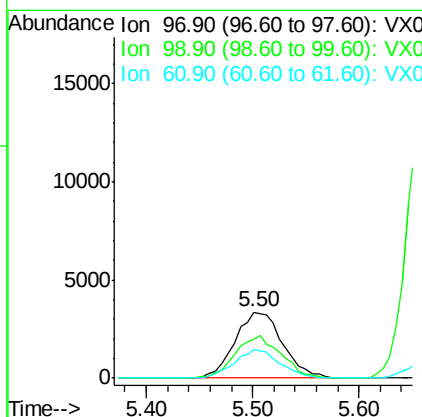
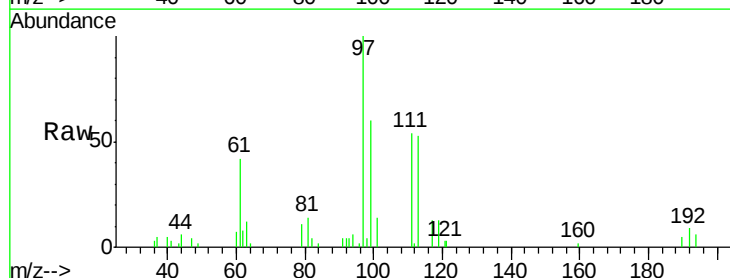
Manual Integrations  
APPROVED

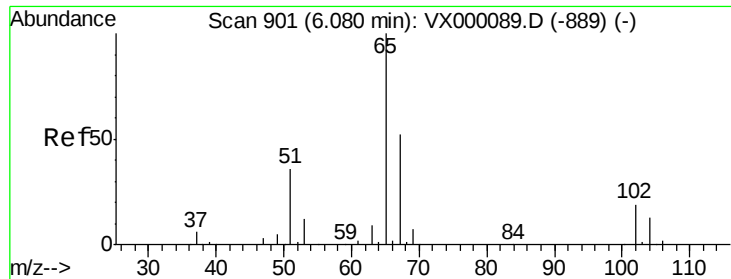
sam  
2/16/2018 1:20:40 PM



#32  
1,1,1-Trichloroethane  
Concen: 5.38 ug/l  
RT: 5.50 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 62.4  | 51.1  | 76.7  |
| 61      | 40.9  | 33.4  | 50.0  |





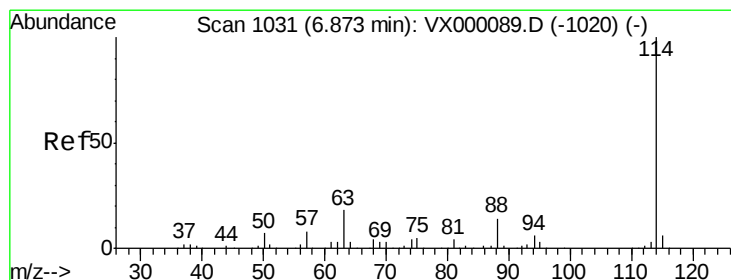
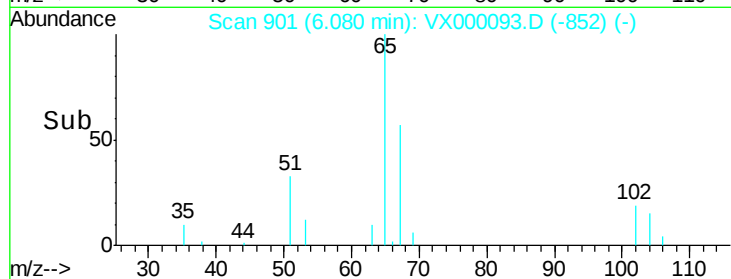
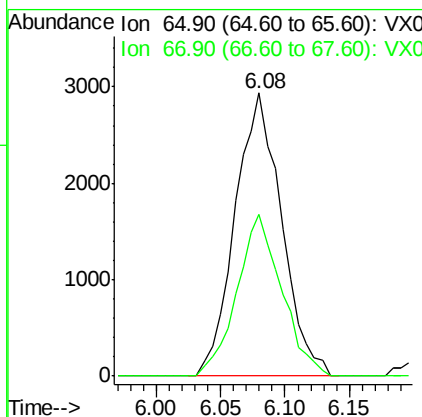
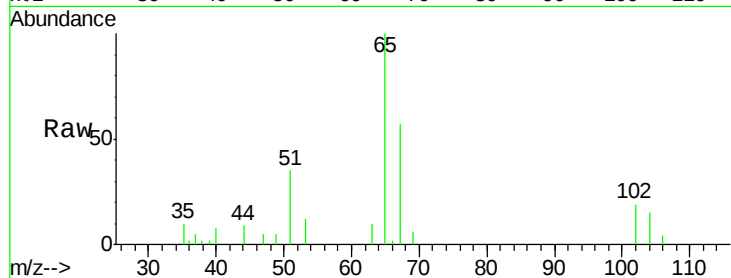
#33  
 1,2-Dichloroethane-d4  
 Concen: 5.84 ug/l  
 RT: 6.08 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Instrument :  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.7  | 0.0   | 104.8 |

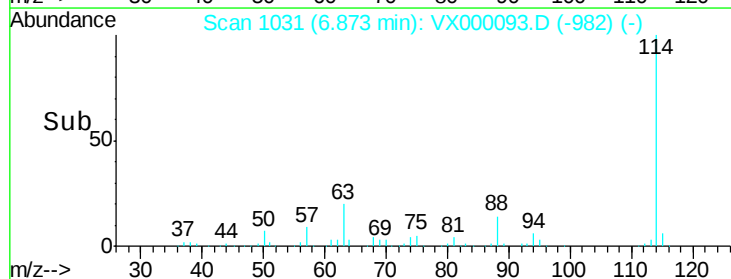
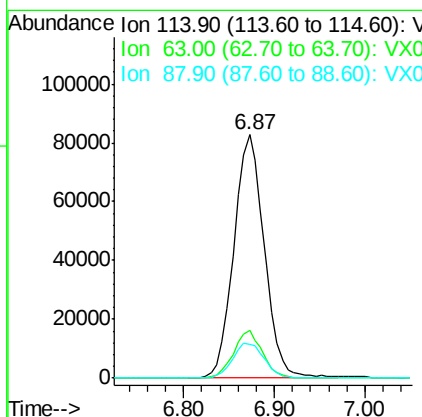
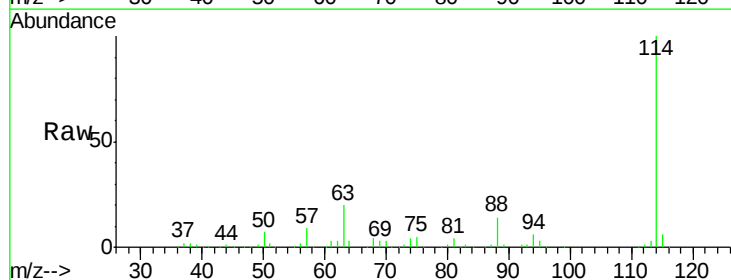
Manual Integrations  
 APPROVED

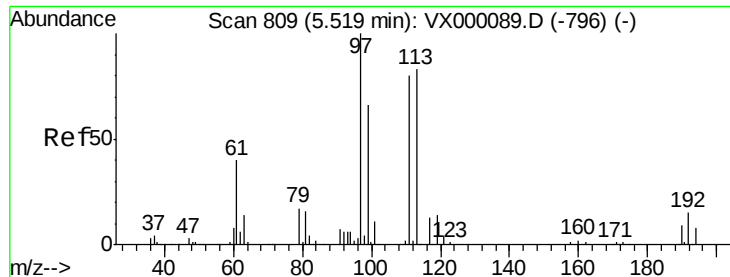
sam  
 2/16/2018 1:20:40 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.6  | 0.0   | 36.4  |
| 88      | 13.8  | 0.0   | 29.0  |





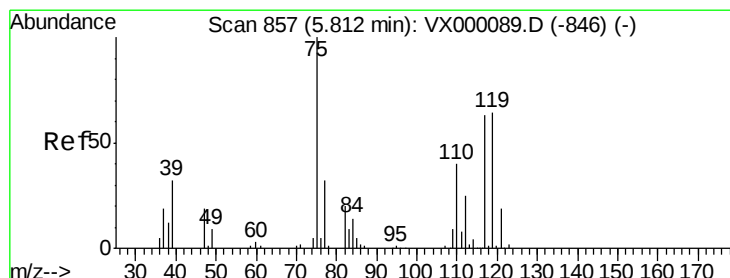
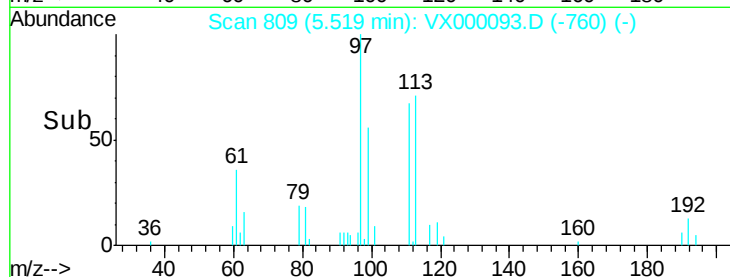
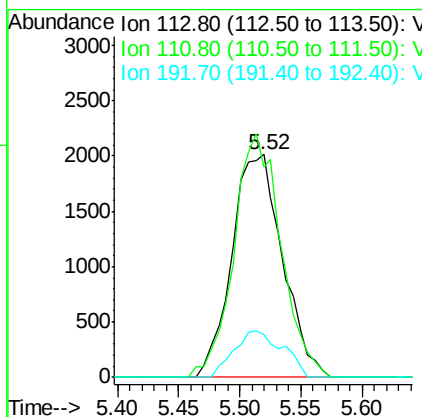
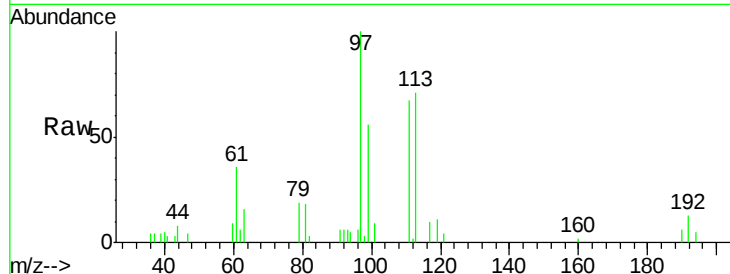
#35  
Dibromofluoromethane  
Concen: 5.10 ug/l  
RT: 5.52 min Scan# 809  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.8 | 81.0  | 121.6 |
| 192     | 19.9  | 15.7  | 23.5  |

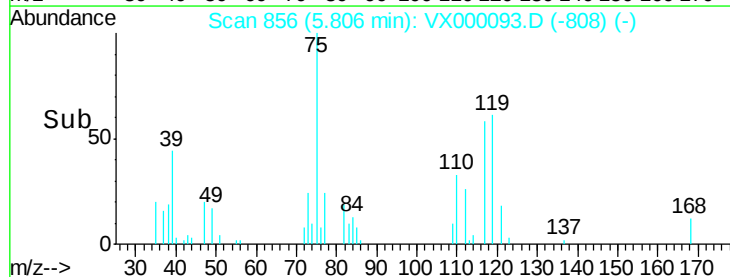
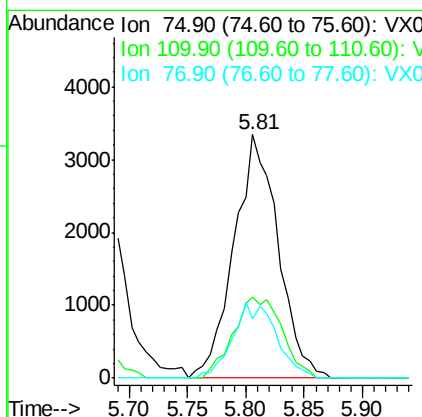
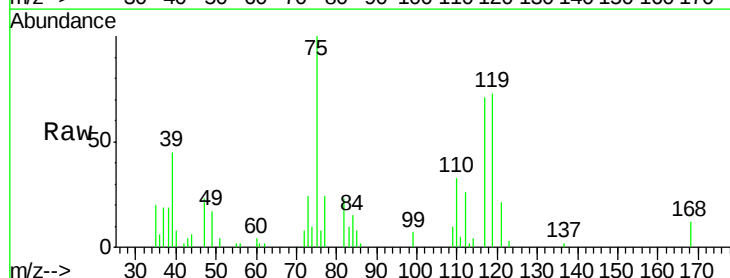
Manual Integrations  
APPROVED

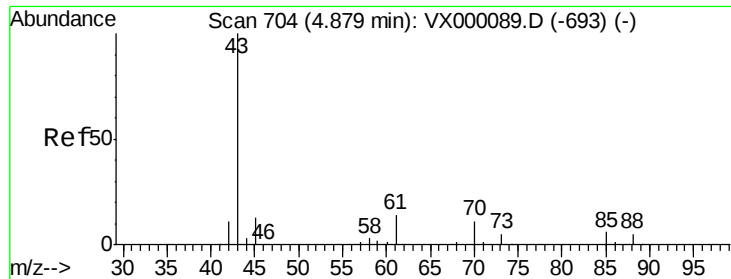
sam  
2/16/2018 1:20:40 PM



#36  
1,1-Dichloropropene  
Concen: 5.23 ug/l  
RT: 5.81 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.8  | 19.5  | 58.5  |
| 77      | 30.5  | 24.7  | 37.1  |





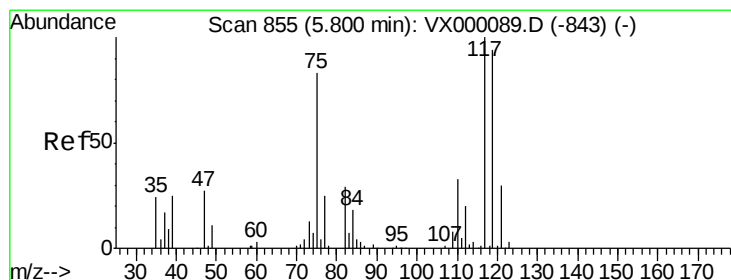
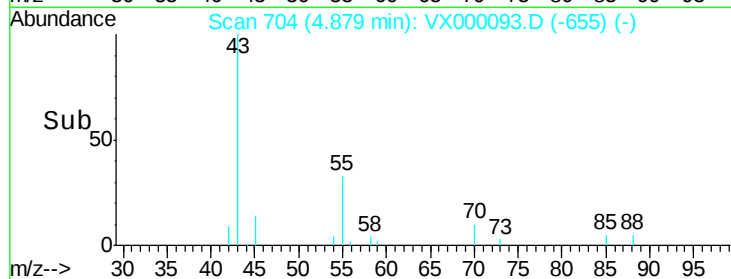
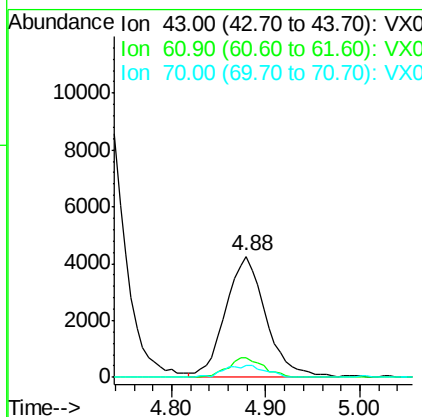
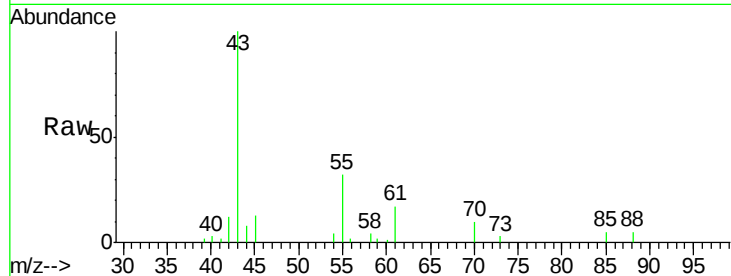
#37  
Ethyl Acetate  
Concen: 5.80 ug/l  
RT: 4.88 min Scan# 704  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
Client Sampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 11.5  | 17.3  |
| 70      | 10.0  | 9.0   | 13.4  |

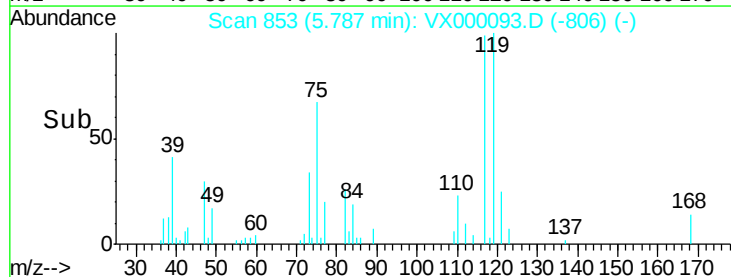
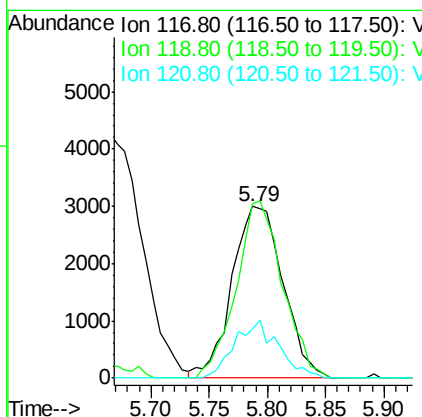
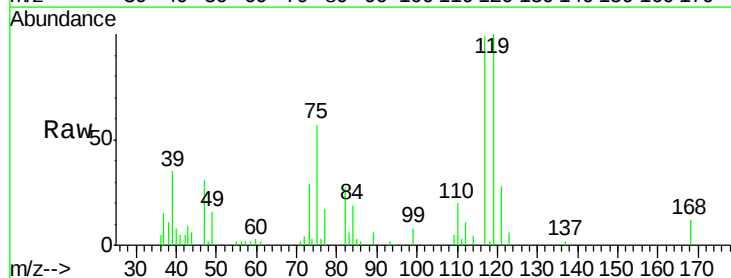
Manual Integrations  
APPROVED

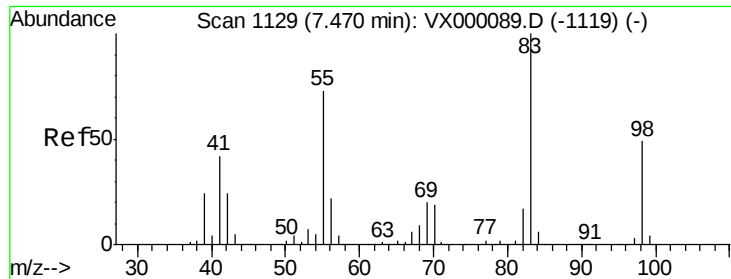
sam  
2/16/2018 1:20:40 PM



#38  
Carbon Tetrachloride  
Concen: 4.87 ug/l  
RT: 5.79 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 101.4 | 75.3  | 112.9 |
| 121     | 28.6  | 23.7  | 35.5  |





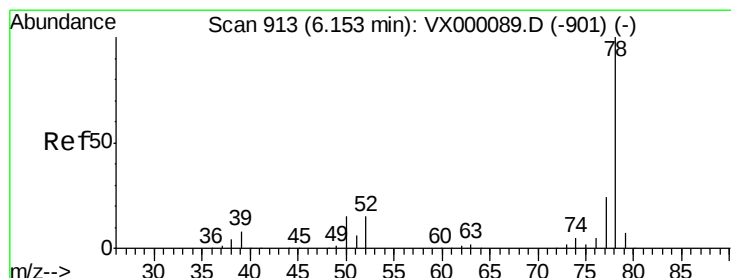
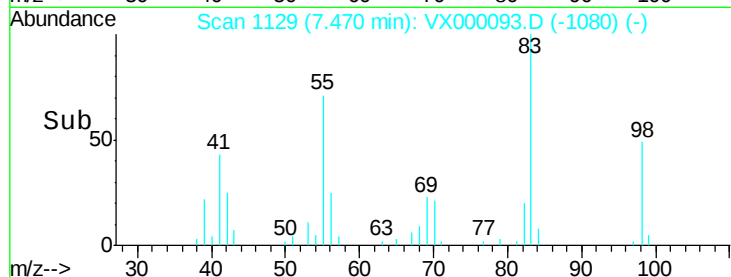
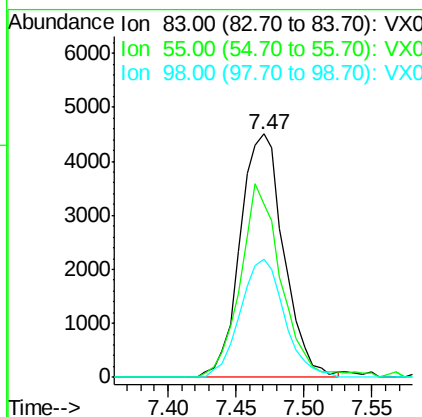
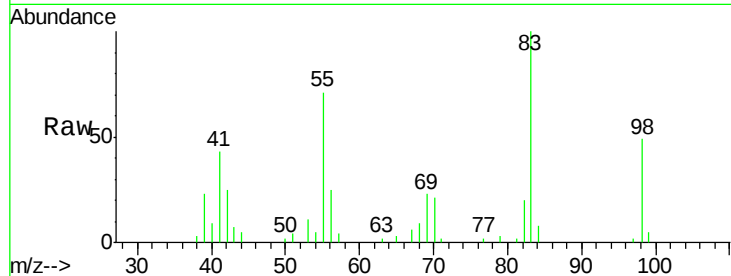
#39  
Methvlcvclohexane  
Concen: 4.96 ug/l  
RT: 7.47 min Scan# 1129  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.3  | 58.2  | 87.2  |
| 98      | 48.7  | 39.0  | 58.6  |

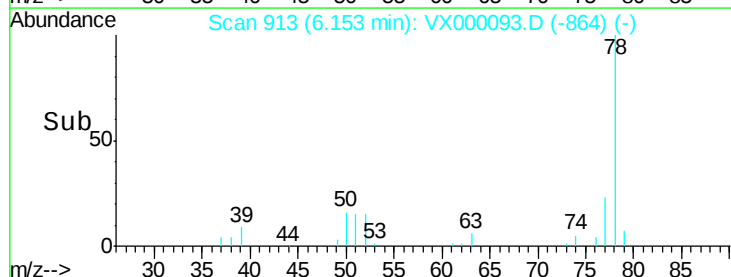
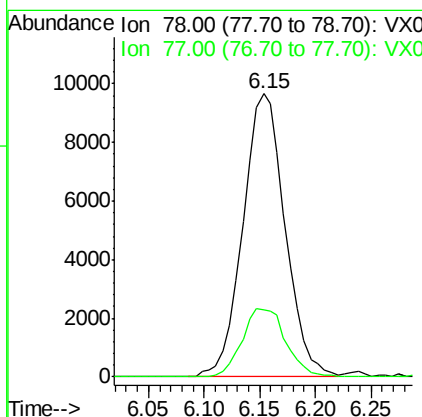
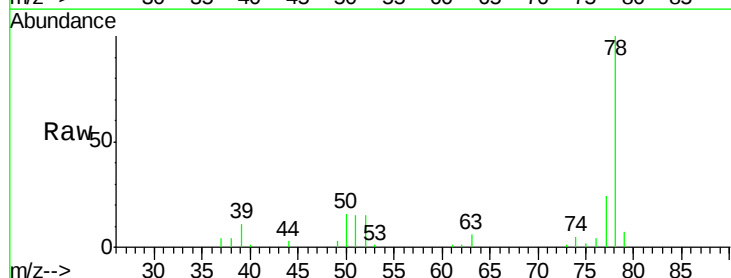
Manual Integrations  
APPROVED

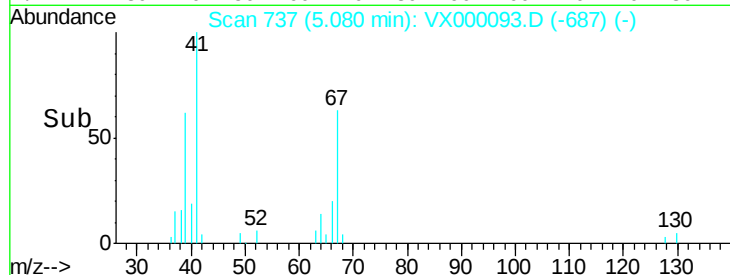
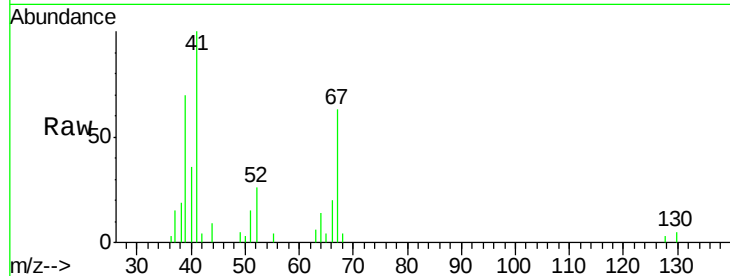
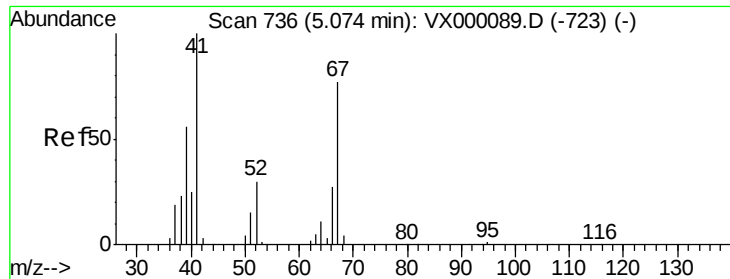
sam  
2/16/2018 1:20:40 PM



#40  
Benzene  
Concen: 5.36 ug/l  
RT: 6.15 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 19.4  | 29.0  |





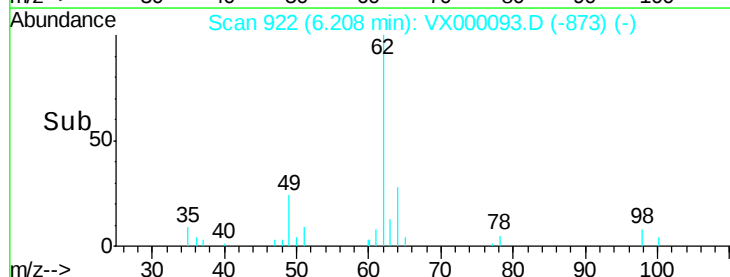
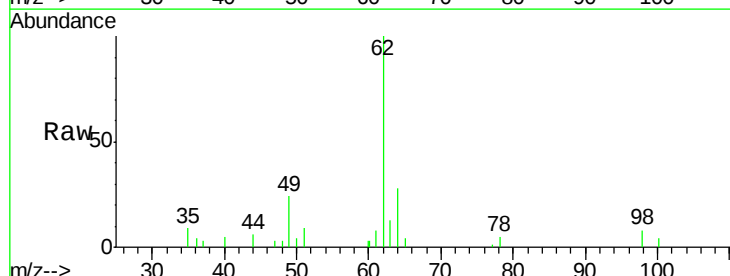
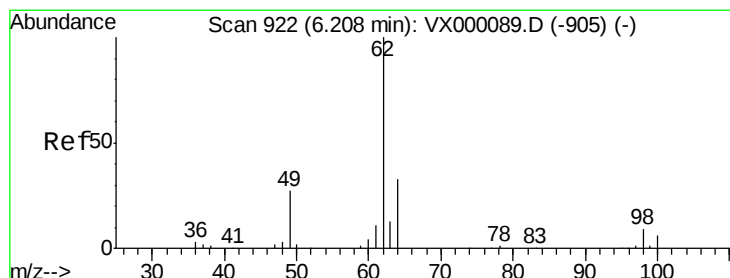
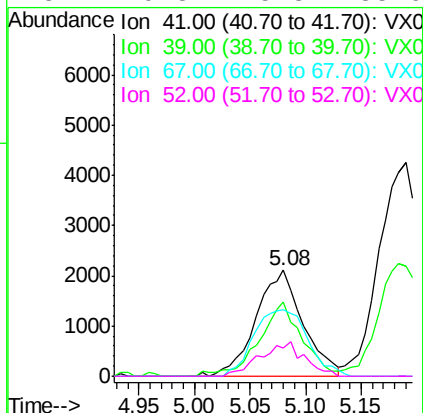
#41  
Methacrylonitrile  
Concen: 5.52 ug/l  
RT: 5.08 min Scan# 737  
Delta R.T. 0.01 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 6219  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 64.0  | 45.1  | 67.7  |
| 67       | 71.8  | 61.0  | 91.4  |
| 52       | 29.8  | 25.8  | 38.6  |

Instrument :  
ClientSampled :  
VSTDIC005

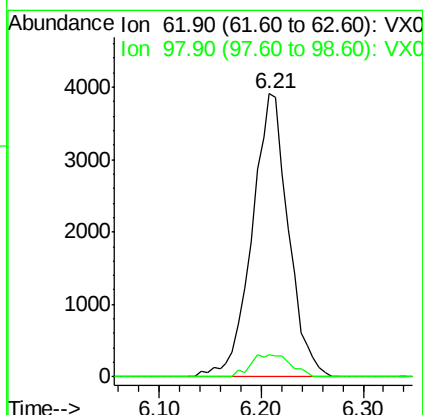
Manual Integrations  
APPROVED

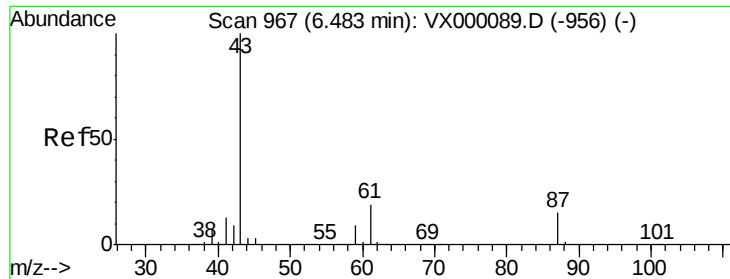
sam  
2/16/2018 1:20:40 PM



#42  
1,2-Dichloroethane  
Concen: 5.67 ug/l  
RT: 6.21 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 9672  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.7   | 0.0   | 17.8  |





#43

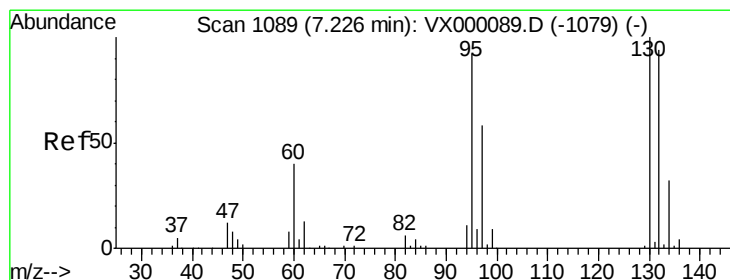
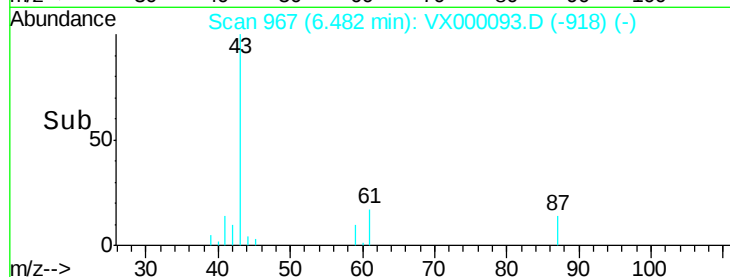
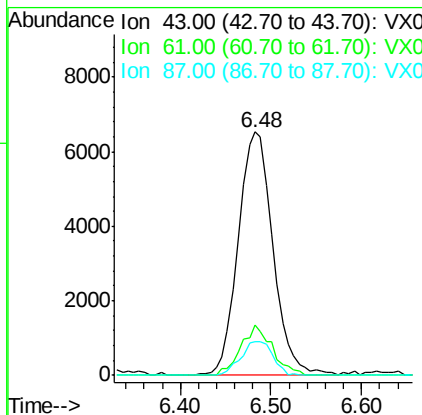
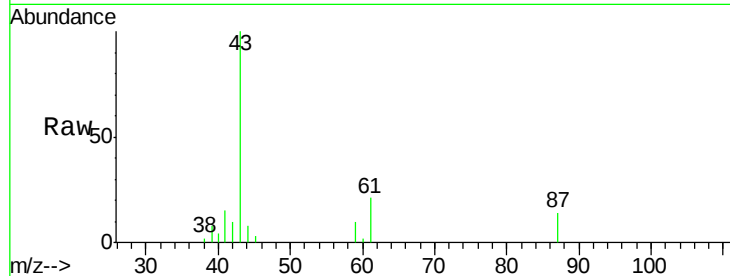
Isopropyl Acetate  
 Concen: 5.27 ug/l  
 RT: 6.48 min Scan# 967  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Instrument :  
 ClientSampled :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 18.6  | 15.6  | 23.4  |
| 87      | 12.9  | 11.7  | 17.5  |

Manual Integrations  
 APPROVED

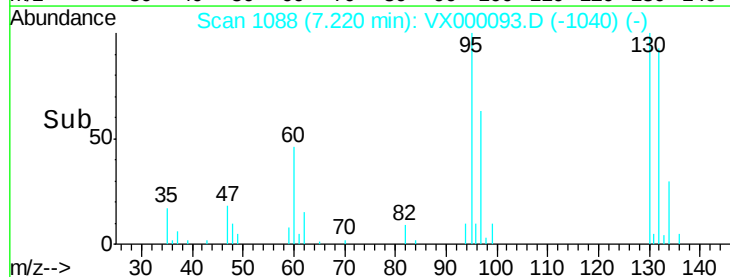
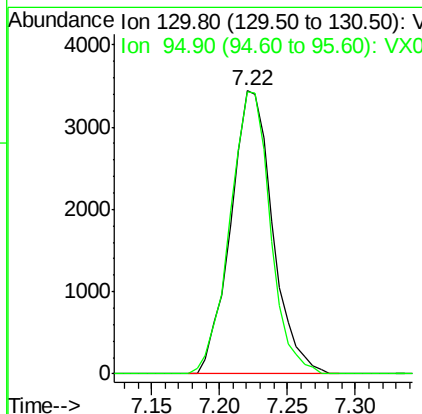
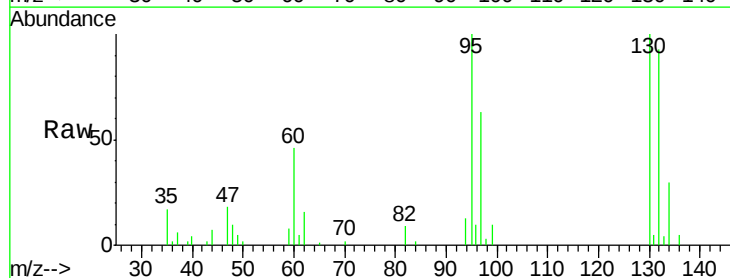
sam  
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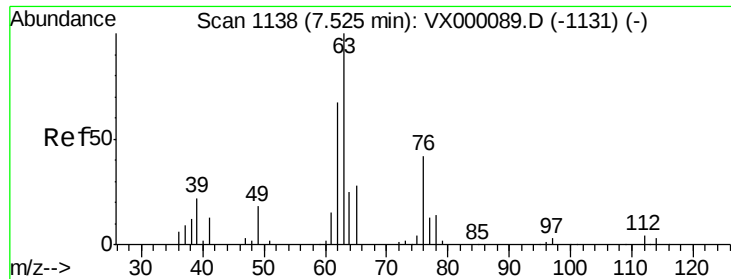


#44

Trichloroethene  
 Concen: 5.08 ug/l  
 RT: 7.22 min Scan# 1088  
 Delta R.T. -0.01 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 99.7  | 0.0   | 183.4 |





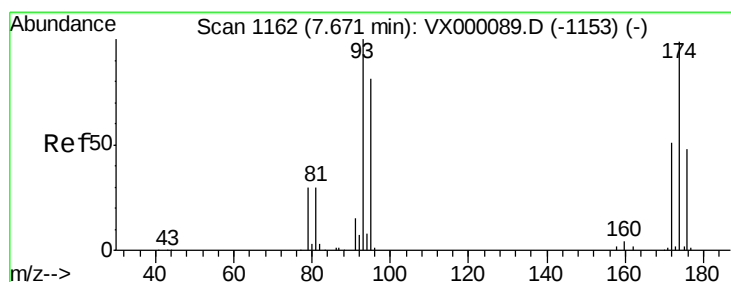
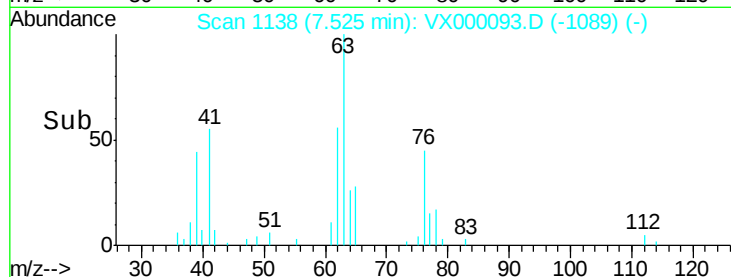
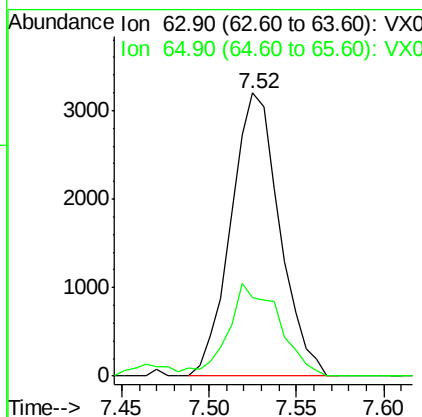
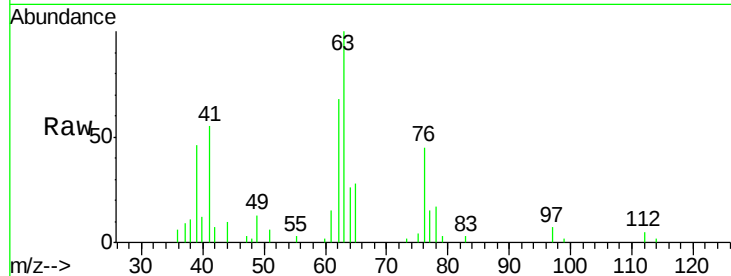
#45  
 1,2-Dichloropropane  
 Concen: 5.34 ug/l  
 RT: 7.52 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Instrument :  
 ClientSampled :  
 VSTDIC005

Tot Ion: 63 Resp: 6175  
 Ion Ratio Lower Upper  
 63 100  
 65 27.6 23.8 35.8

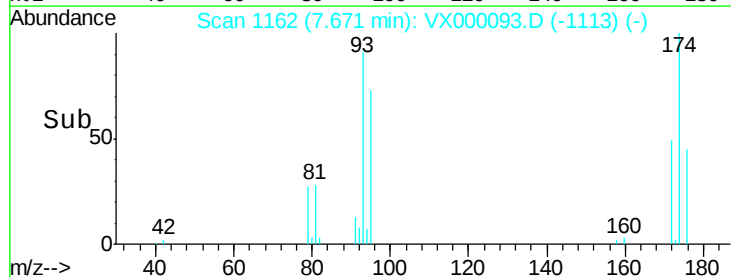
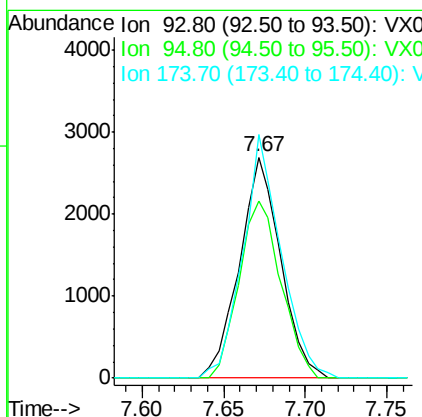
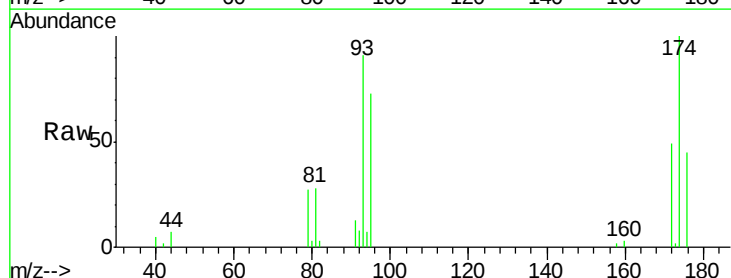
Manual Integrations  
 APPROVED

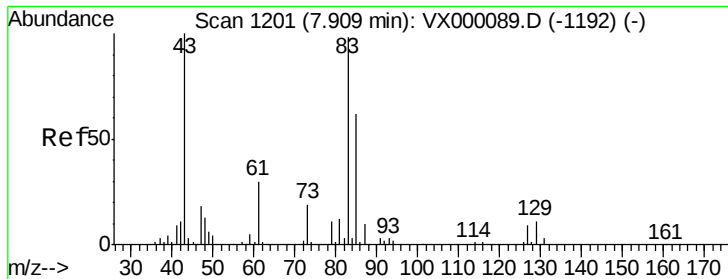
sam  
 2/16/2018 1:20:40 PM



#46  
 Dibromomethane  
 Concen: 5.29 ug/l  
 RT: 7.67 min Scan# 1162  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Tgt Ion: 93 Resp: 4734  
 Ion Ratio Lower Upper  
 93 100  
 95 81.5 65.0 97.6  
 174 102.4 83.1 124.7





#47

Bromodichloromethane

Concen: 4.97 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

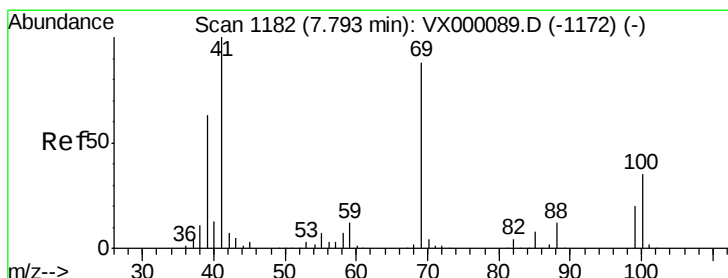
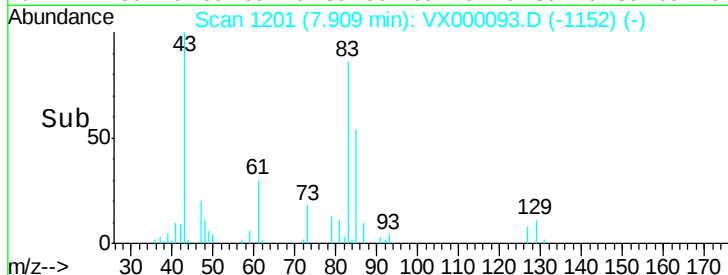
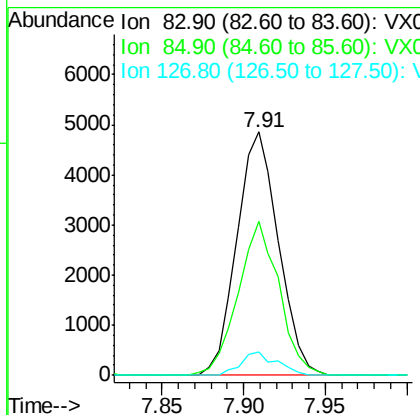
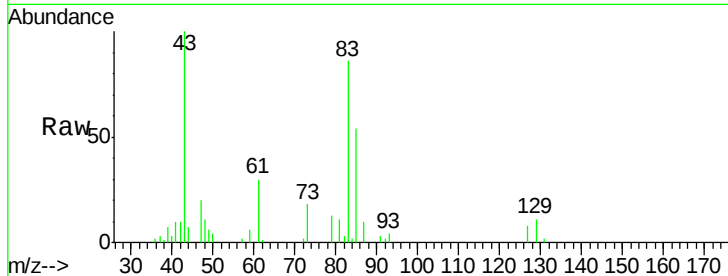
ClientSampled :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 8612  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.4  | 50.4  | 75.6  |
| 127      | 9.4   | 7.2   | 10.8  |

Manual Integrations  
APPROVED

sam  
2/16/2018 1:20:40 PM



#48

Methyl methacrylate

Concen: 5.17 ug/l

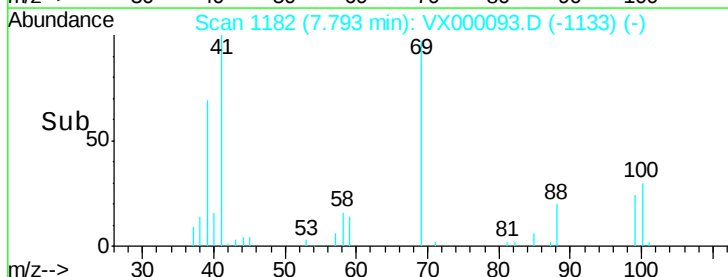
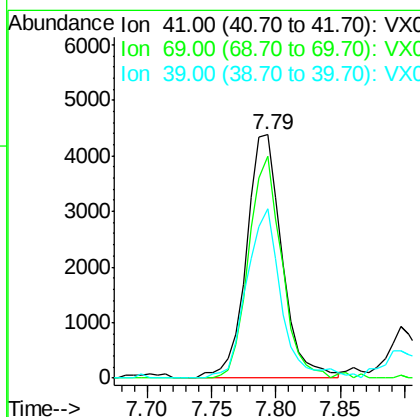
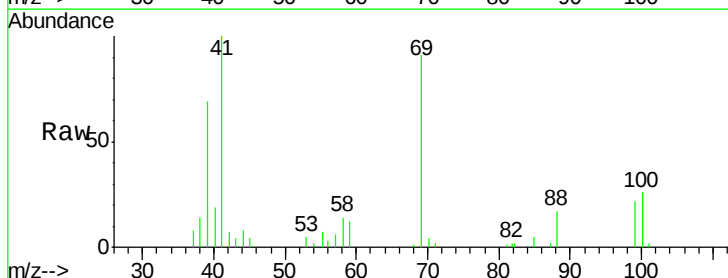
RT: 7.79 min Scan# 1182

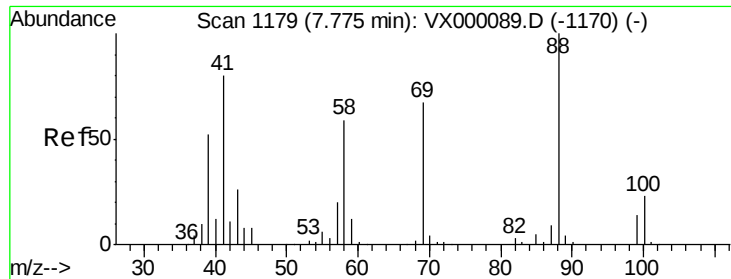
Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 8352  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 84.3  | 70.2  | 105.4 |
| 39       | 67.6  | 51.0  | 76.6  |





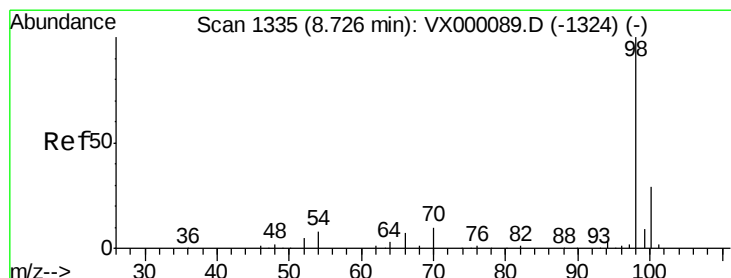
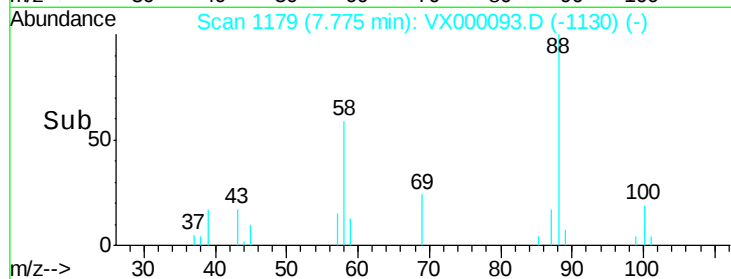
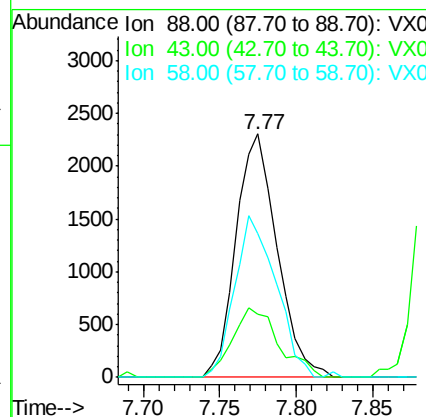
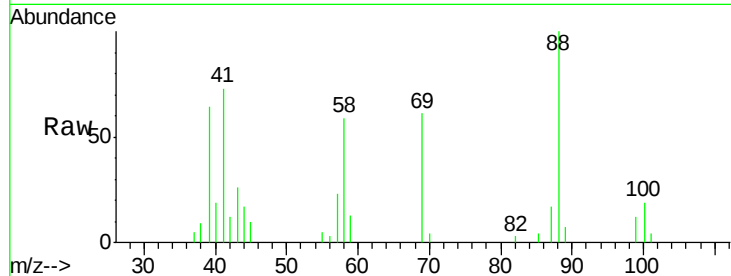
#49  
1,4-Dioxane  
Concen: 100.01 ug/l  
RT: 7.77 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.4  | 24.1  | 36.1  |
| 58      | 66.4  | 49.0  | 73.6  |

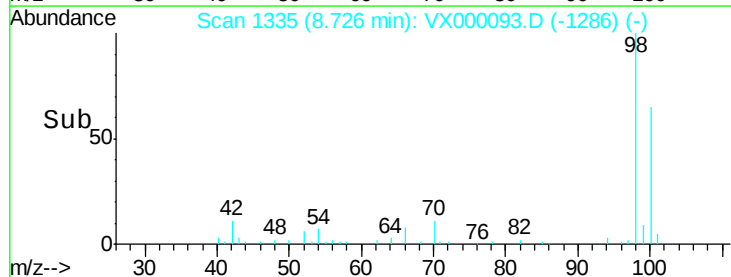
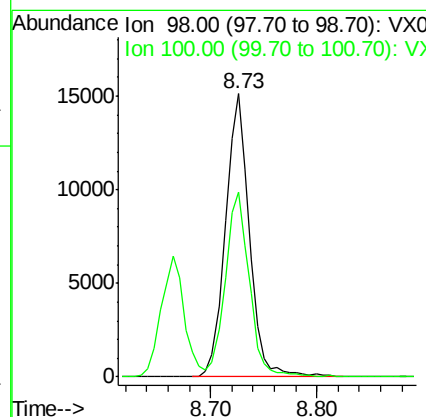
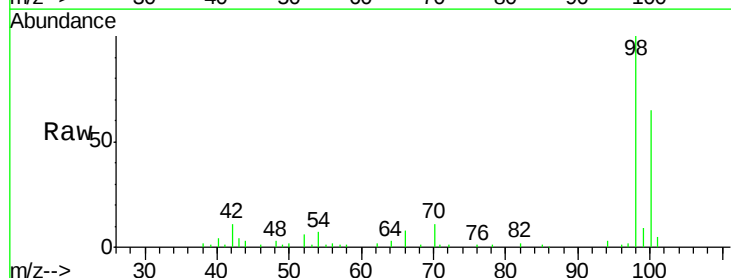
Manual Integrations  
APPROVED

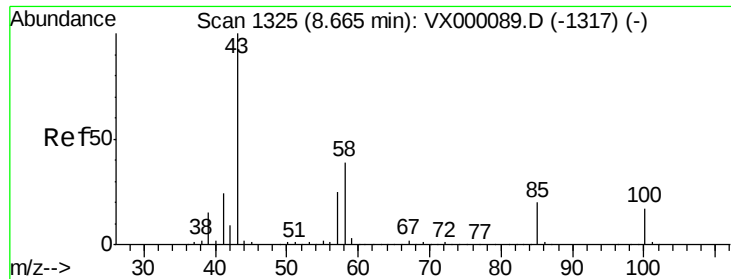
sam  
2/16/2018 1:20:40 PM



#50  
Toluene-d8  
Concen: 5.53 ug/l  
RT: 8.73 min Scan# 1335  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.3  | 52.2  | 78.2  |





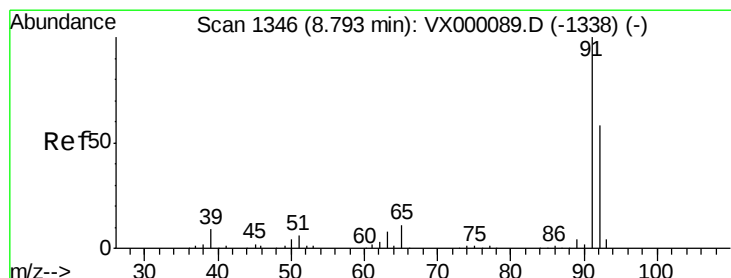
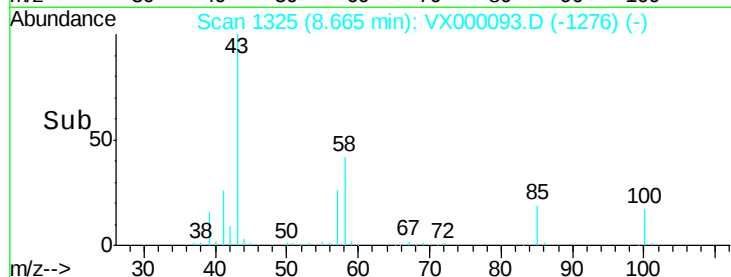
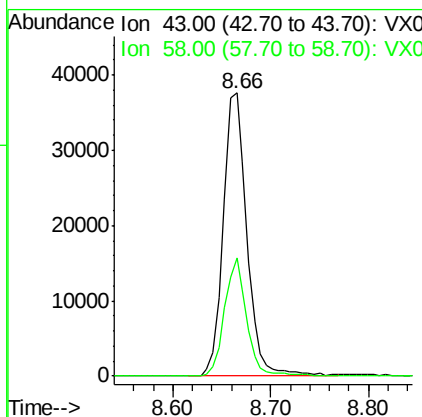
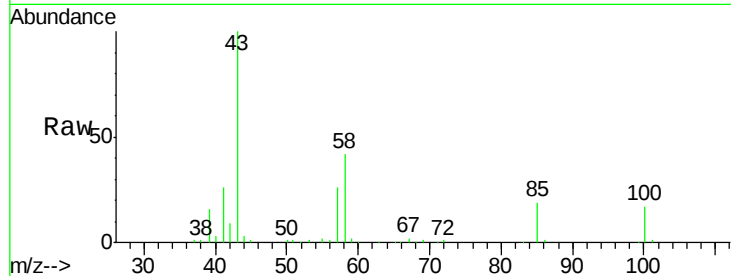
#51  
4-Methyl-2-Pentanone  
Concen: 27.50 ug/l  
RT: 8.66 min Scan# 1325  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampleId :  
VSTDIC005

Tot Ion: 43 Resp: 63466  
Ion Ratio Lower Upper  
43 100  
58 39.0 31.6 47.4

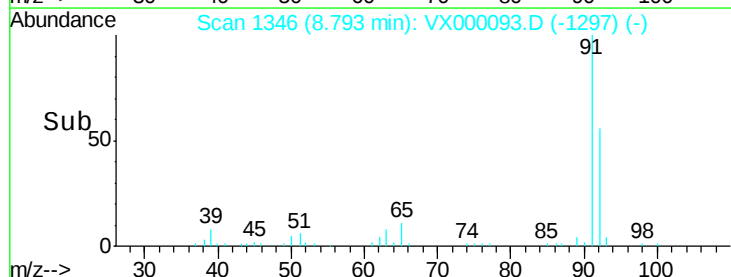
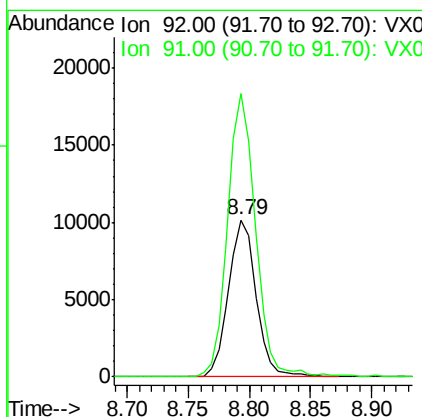
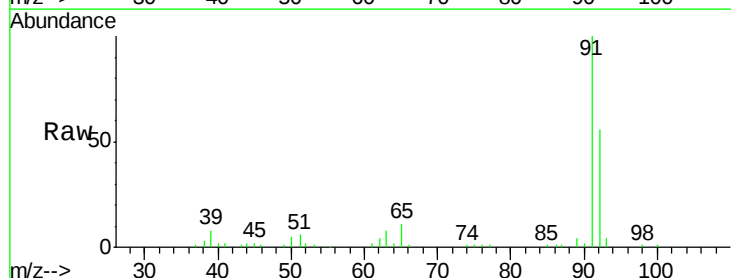
Manual Integrations  
APPROVED

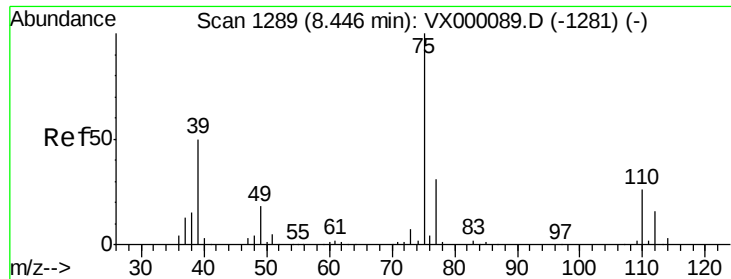
sam  
2/16/2018 1:20:40 PM



#52  
Toluene  
Concen: 5.00 ug/l  
RT: 8.79 min Scan# 1346  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Tgt Ion: 92 Resp: 15978  
Ion Ratio Lower Upper  
92 100  
91 182.0 139.8 209.6





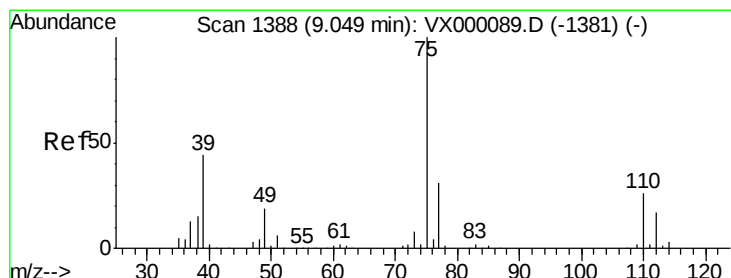
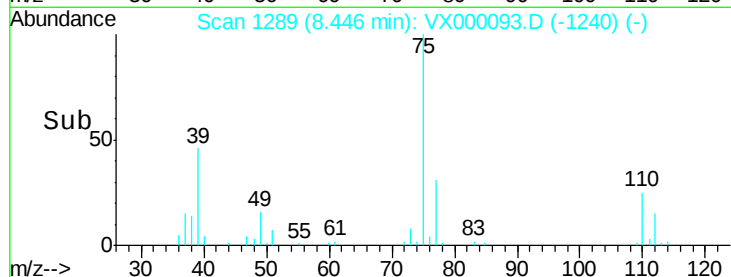
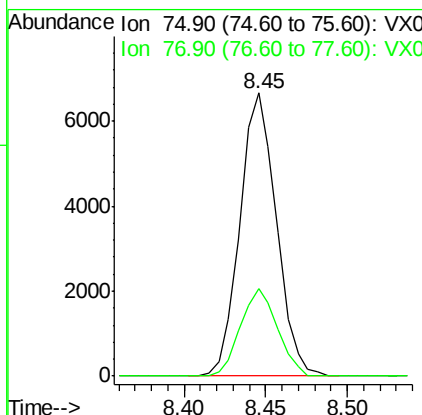
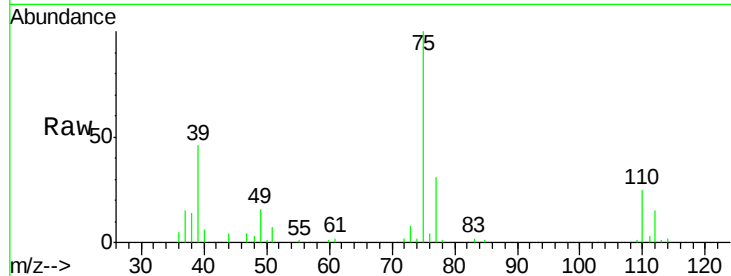
#53  
t-1,3-Dichloropropene  
Concen: 5.13 ug/l  
RT: 8.45 min Scan# 1289  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampleId :  
VSTDIC005

Tot Ion: 75 Resp: 10386  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.0 37.6

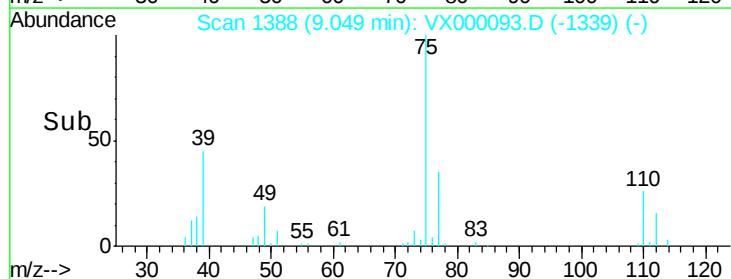
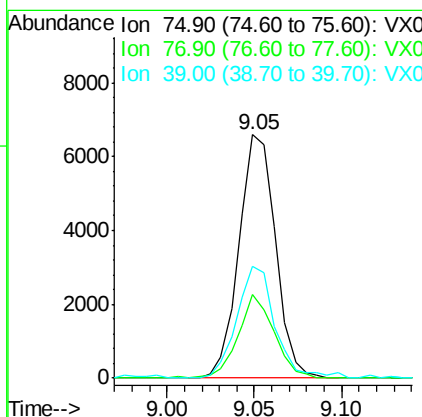
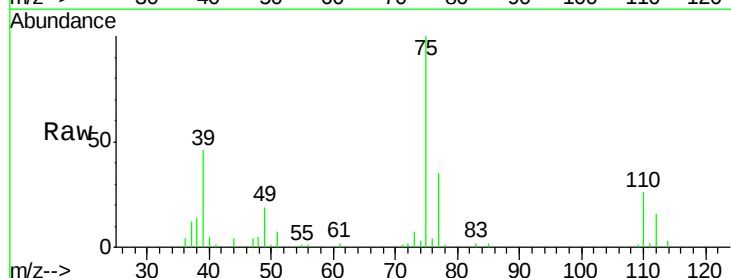
Manual Integrations  
APPROVED

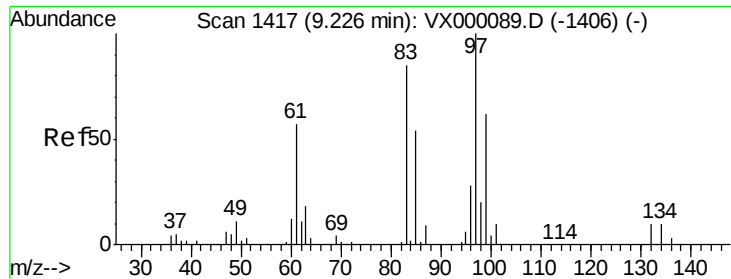
sam  
2/16/2018 1:20:40 PM



#54  
cis-1,3-Dichloropropene  
Concen: 4.87 ug/l  
RT: 9.05 min Scan# 1388  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Tgt Ion: 75 Resp: 9599  
Ion Ratio Lower Upper  
75 100  
77 34.6 25.0 37.6  
39 46.2 35.4 53.0





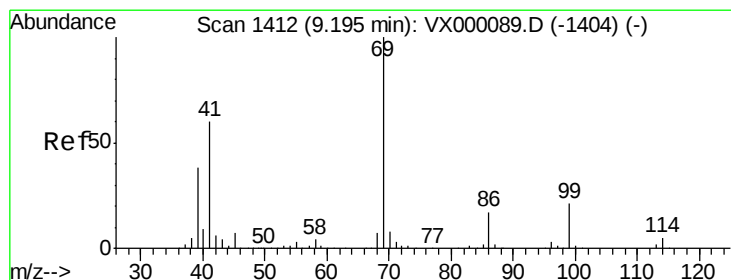
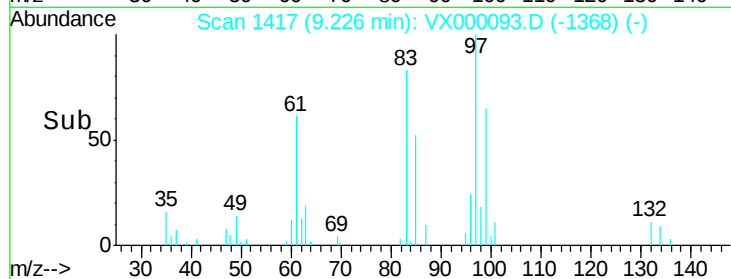
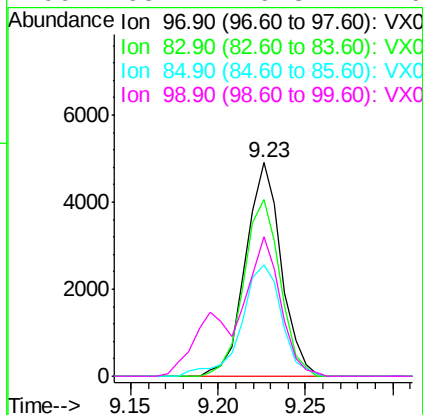
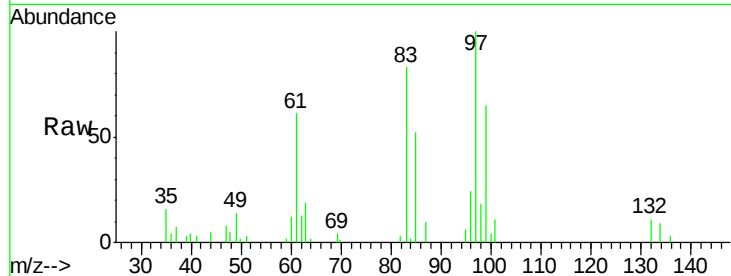
#55  
 1,1,2-Trichloroethane  
 Concen: 5.19 ug/l  
 RT: 9.23 min Scan# 1417  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Instrument :  
 ClientSampled :  
 VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 6950  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.5  | 67.6  | 101.4 |
| 85       | 52.2  | 42.9  | 64.3  |
| 99       | 65.2  | 49.8  | 74.6  |

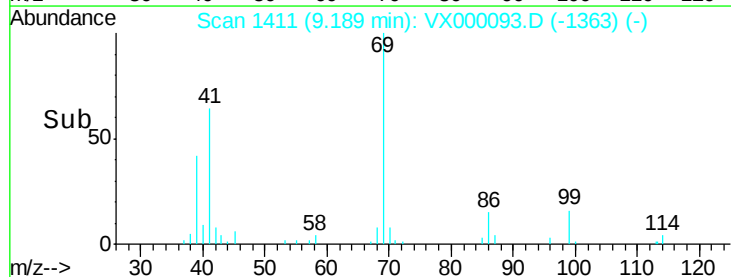
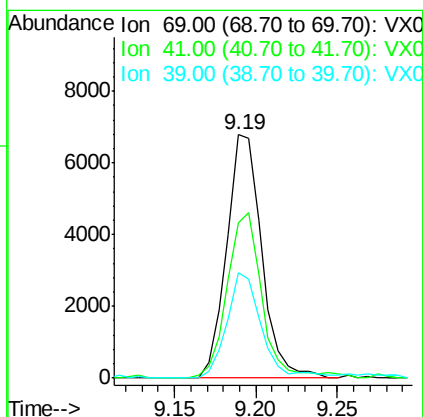
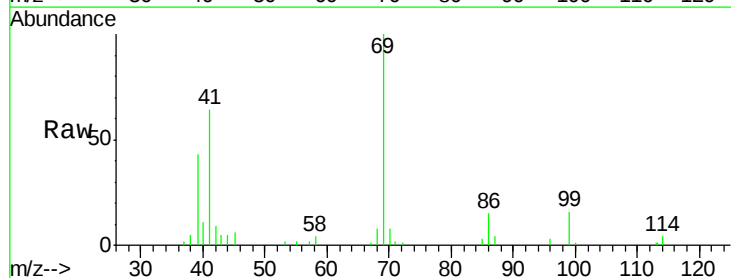
Manual Integrations  
 APPROVED

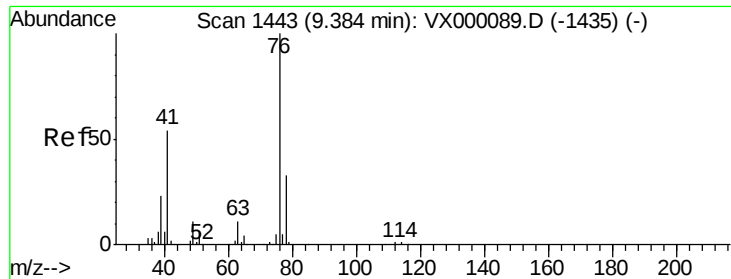
sam  
 2/16/2018 1:20:40 PM



#56  
 Ethyl methacrylate  
 Concen: 4.94 ug/l  
 RT: 9.19 min Scan# 1411  
 Delta R.T. -0.01 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 10126 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 68.1  | 49.4  | 74.0  |
| 39       | 42.5  | 31.3  | 46.9  |





#57

1,3-Dichloropropane

Concen: 5.40 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 76 Resp: 11267

Ion Ratio Lower Upper

76 100

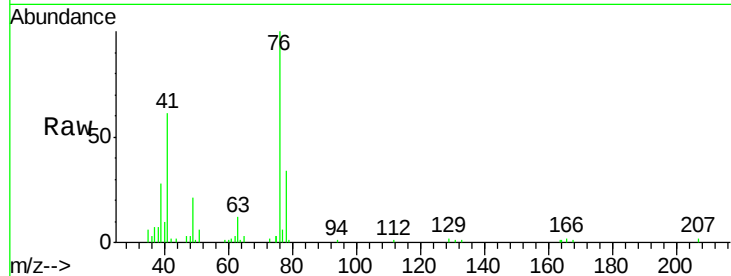
78 31.5 25.8 38.8

Manual Integrations

APPROVED

sam

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

8000

6000

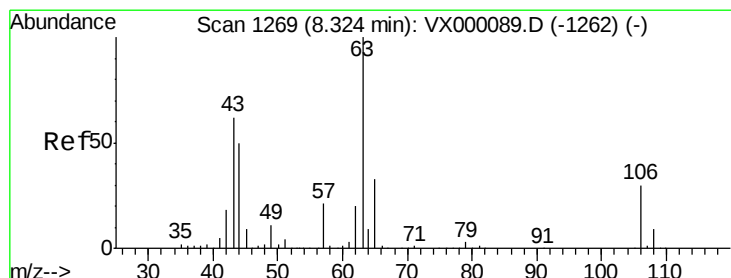
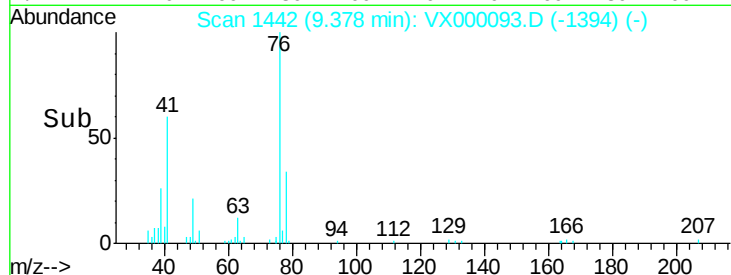
4000

2000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 26.27 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000093.D

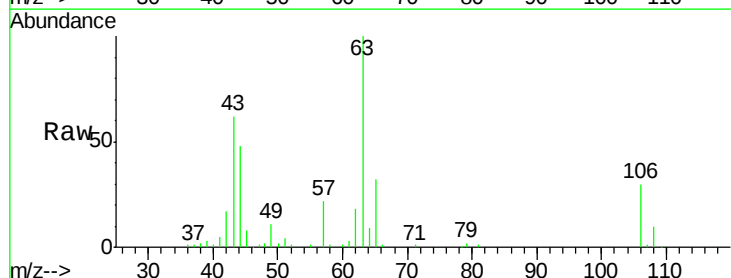
Acq: 14 Feb 2018 18:21

Tgt Ion: 63 Resp: 26675

Ion Ratio Lower Upper

63 100

106 29.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

20000

15000

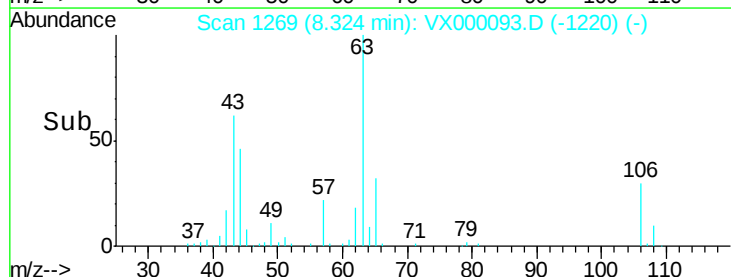
10000

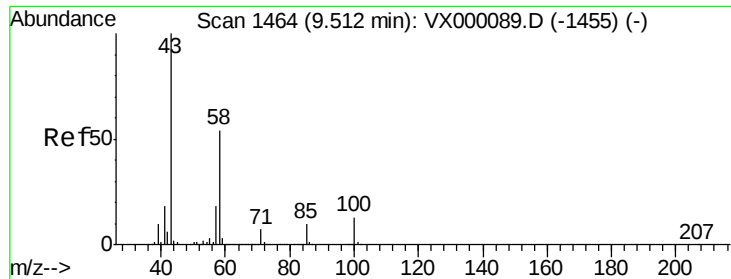
5000

0

8.25 8.30 8.35 8.40 8.45

Time-->





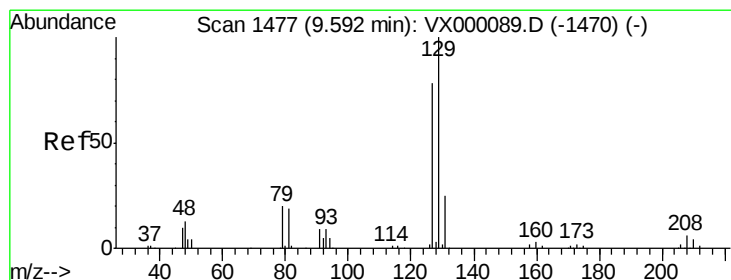
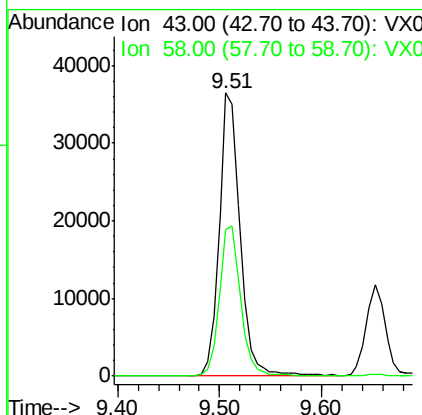
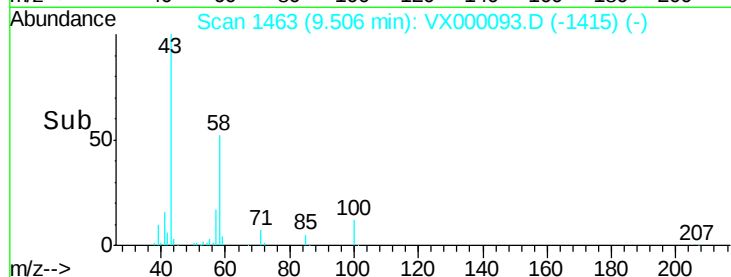
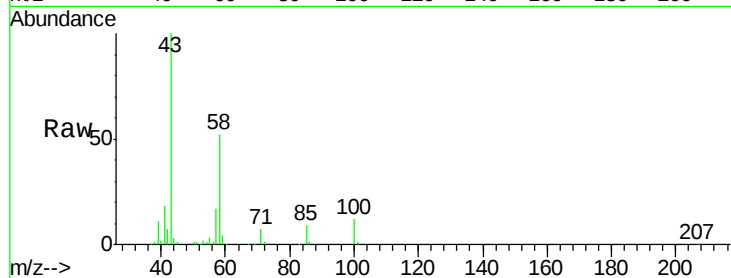
#59  
2-Hexanone  
Concen: 27.76 ug/l  
RT: 9.51 min Scan# 1463  
Delta R.T. -0.01 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion: 43 Resp: 52449  
Ion Ratio Lower Upper  
43 100  
58 54.1 27.1 81.3

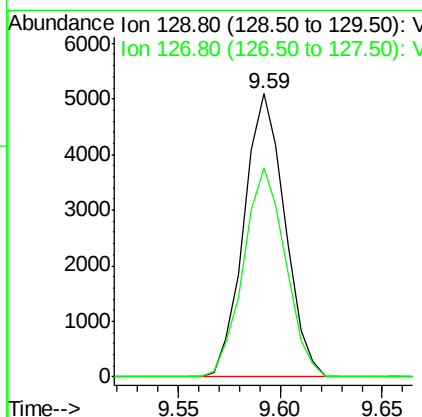
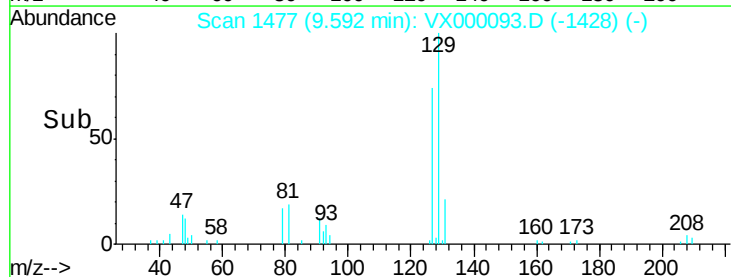
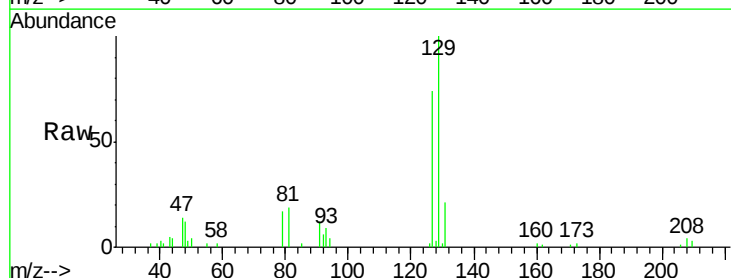
Manual Integrations  
APPROVED

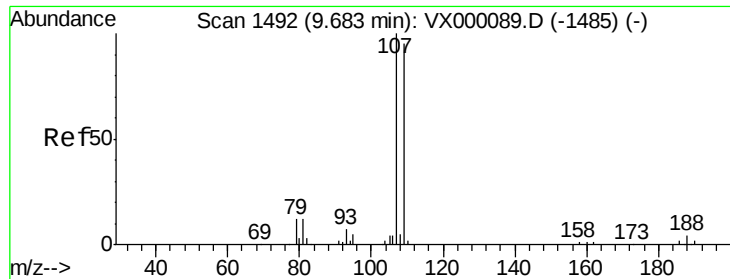
sam  
2/16/2018 1:20:40 PM



#60  
Dibromochloromethane  
Concen: 4.62 ug/l  
RT: 9.59 min Scan# 1477  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Tgt Ion:129 Resp: 7100  
Ion Ratio Lower Upper  
129 100  
127 75.7 37.6 112.9





#61

1,2-Dibromoethane

Concen: 4.92 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion:107 Resp: 7223

Ion Ratio Lower Upper

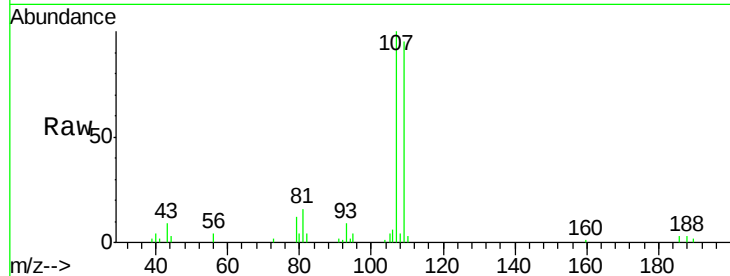
107 100

109 94.1 76.4 114.6

Manual Integrations  
APPROVED

sam

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

6000

5000

4000

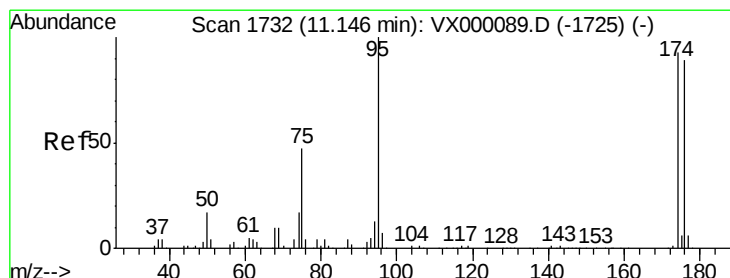
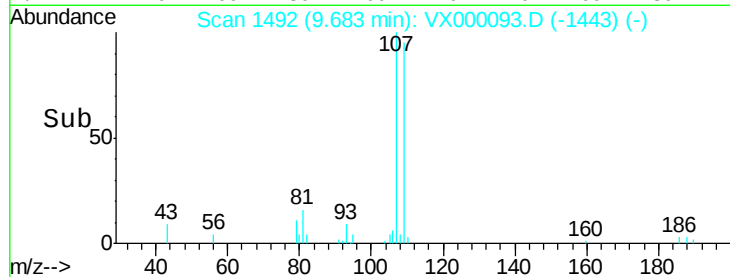
3000

2000

1000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 5.35 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

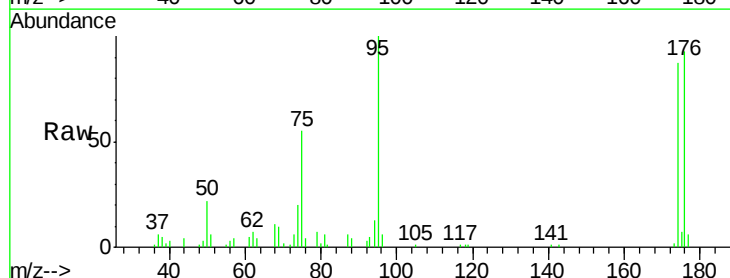
Tgt Ion: 95 Resp: 9235

Ion Ratio Lower Upper

95 100

174 83.0 0.0 187.8

176 85.4 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

8000

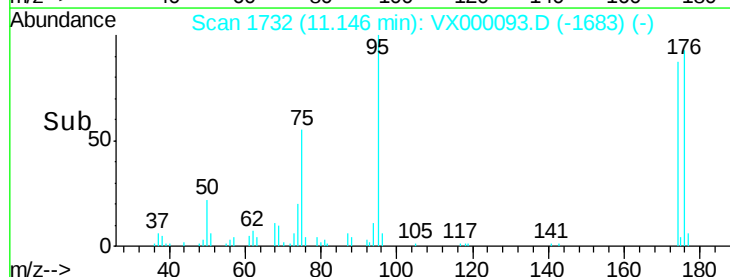
6000

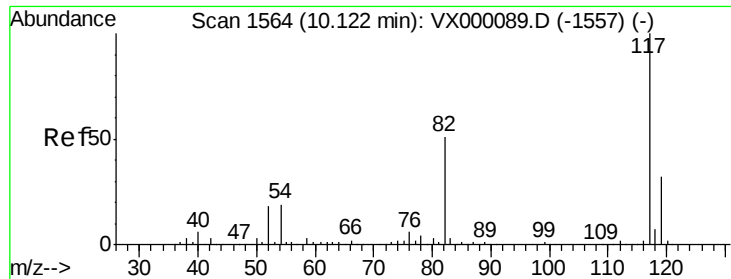
4000

2000

0

Time-->





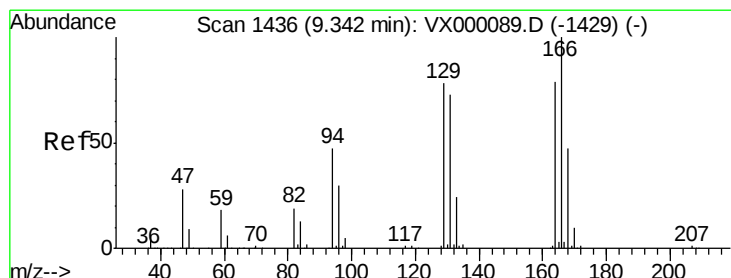
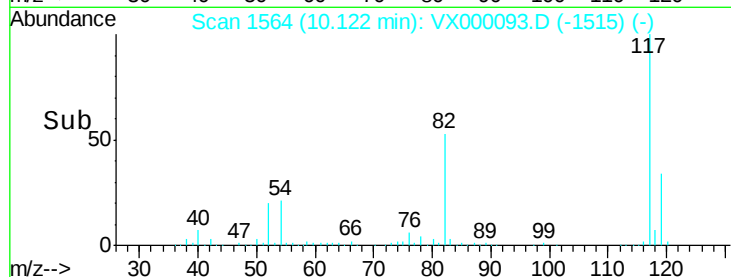
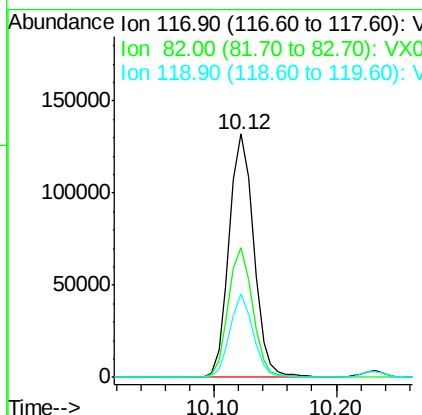
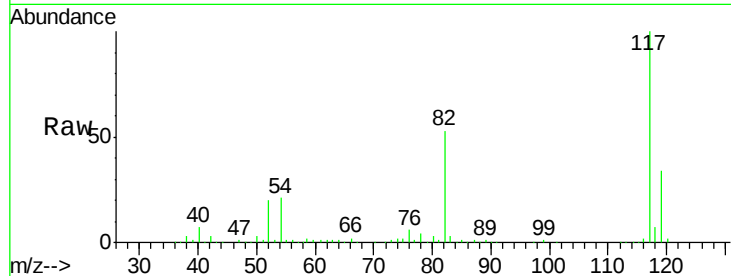
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.4  | 41.0  | 61.6  |
| 119     | 34.3  | 25.5  | 38.3  |

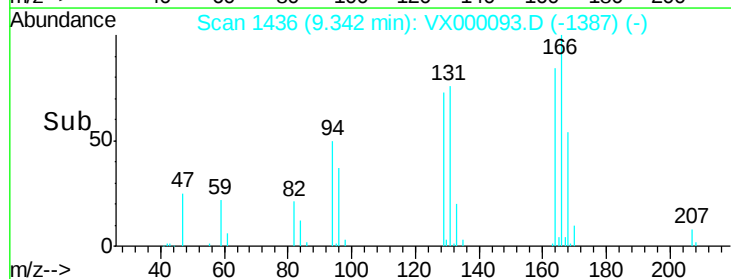
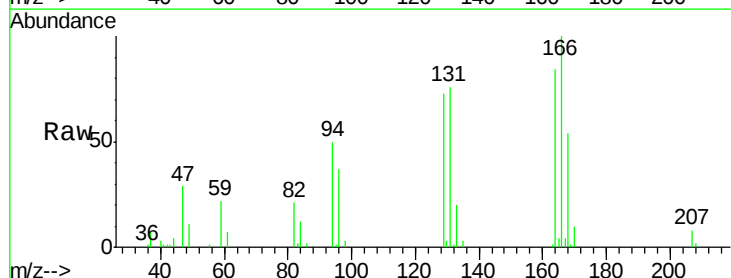
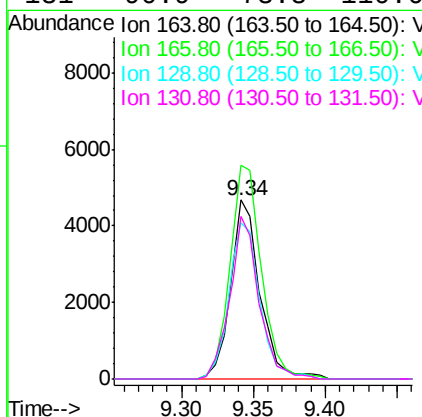
Manual Integrations  
APPROVED

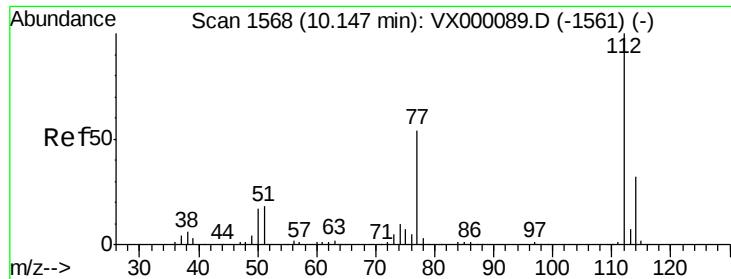
sam  
2/16/2018 1:20:40 PM



#64  
Tetrachloroethene  
Concen: 4.90 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 119.3 | 101.4 | 152.2 |
| 129     | 87.3  | 78.6  | 118.0 |
| 131     | 90.9  | 73.8  | 110.6 |





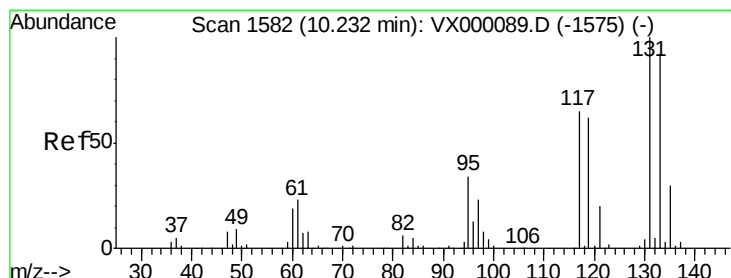
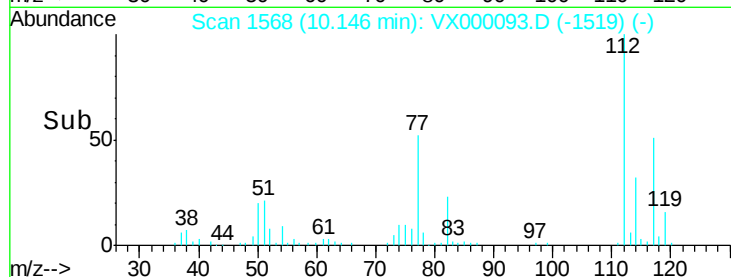
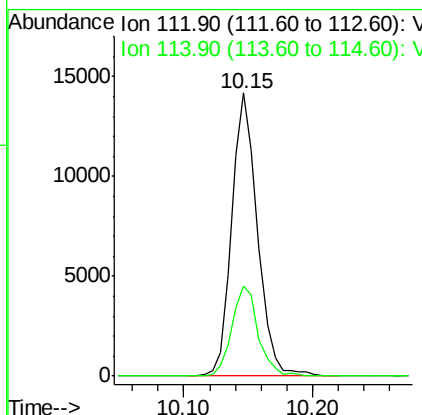
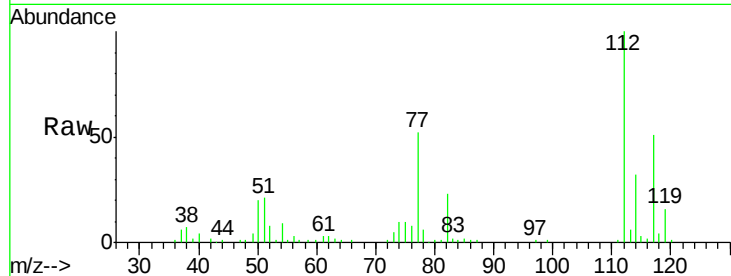
#65  
Chlorobenzene  
Concen: 5.14 ug/l  
RT: 10.15 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
Client Sampled :  
VSTDIC005

Tot Ion:112 Resp: 19768  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.6 38.4

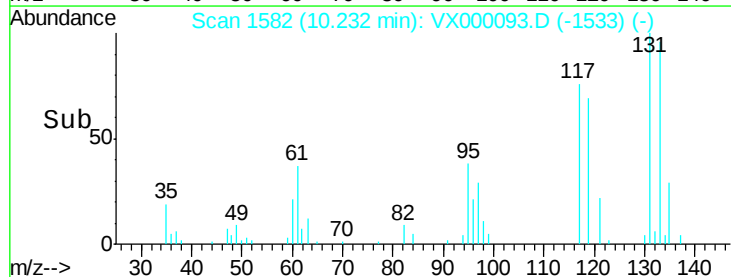
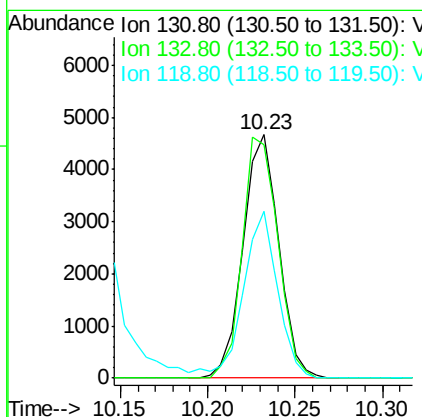
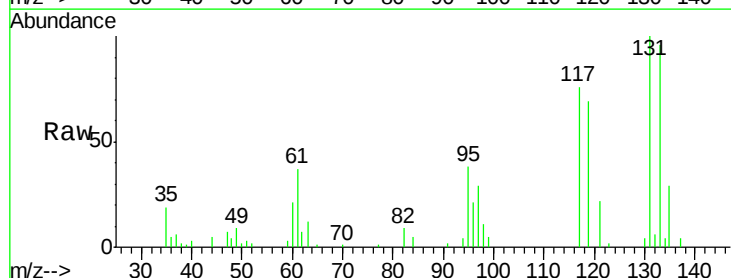
Manual Integrations  
APPROVED

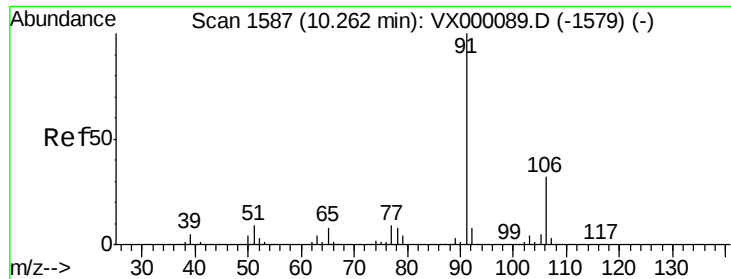
sam  
2/16/2018 1:20:40 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.81 ug/l  
RT: 10.23 min Scan# 1582  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Tgt Ion:131 Resp: 6637  
Ion Ratio Lower Upper  
131 100  
133 98.3 47.4 142.3  
119 64.4 31.7 95.1





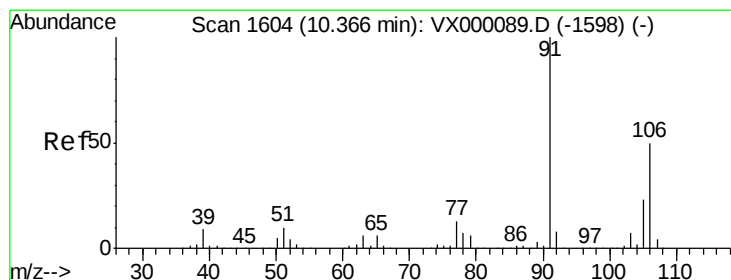
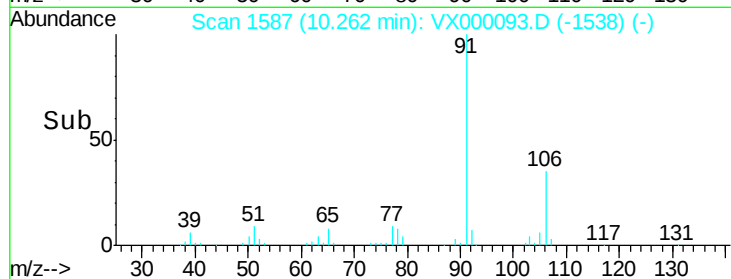
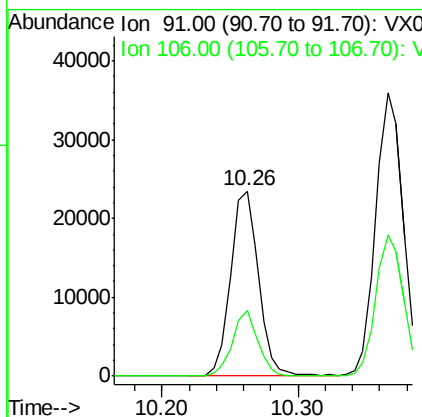
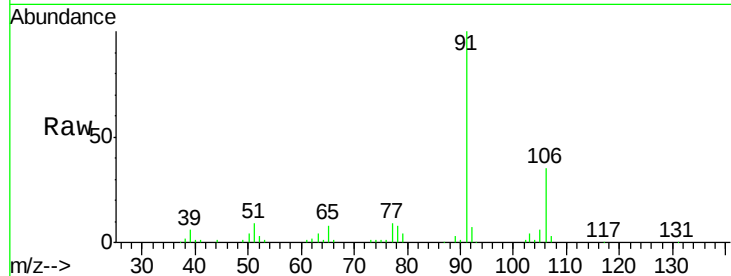
#67  
Ethyl Benzene  
Concen: 5.26 ug/l  
RT: 10.26 min Scan# 1587  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion: 91 Resp: 33547  
Ion Ratio Lower Upper  
91 100  
106 35.4 25.8 38.6

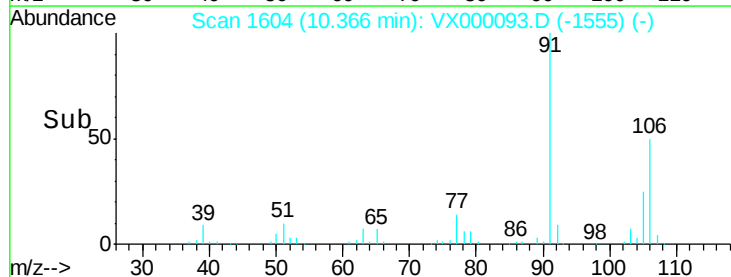
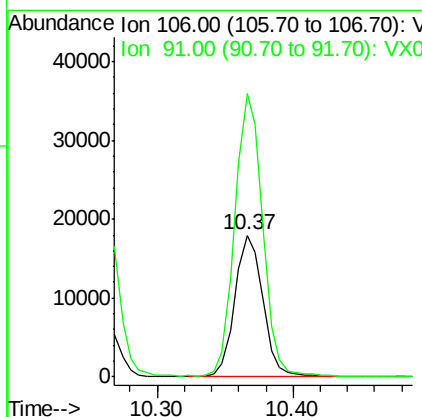
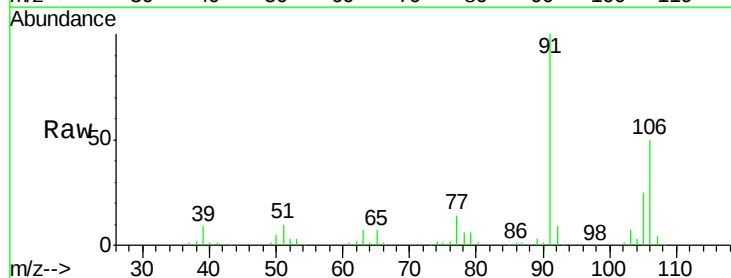
Manual Integrations  
APPROVED

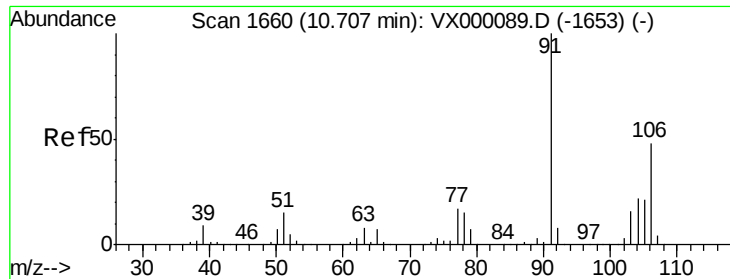
sam  
2/16/2018 1:20:40 PM



#68  
m/p-Xylenes  
Concen: 10.16 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Tgt Ion: 106 Resp: 25809  
Ion Ratio Lower Upper  
106 100  
91 198.8 159.1 238.7





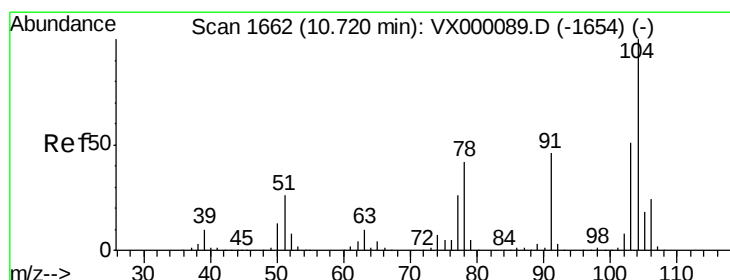
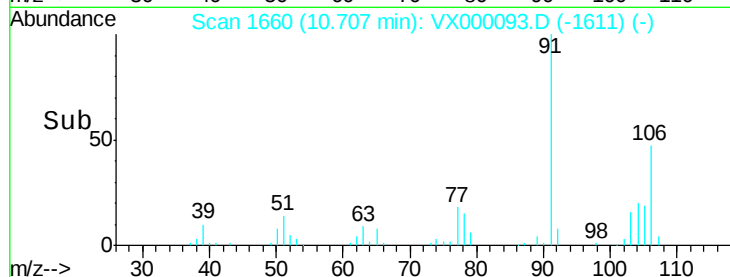
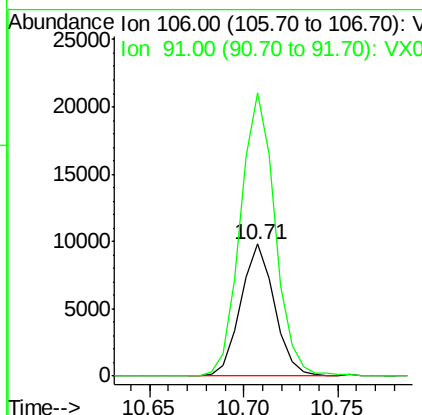
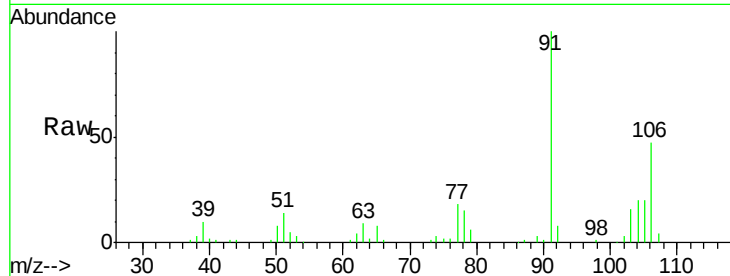
#69  
o-Xylene  
Concen: 5.00 ug/l  
RT: 10.71 min Scan# 1660  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion:106 Resp: 12270  
Ion Ratio Lower Upper  
106 100  
91 218.9 103.8 311.6

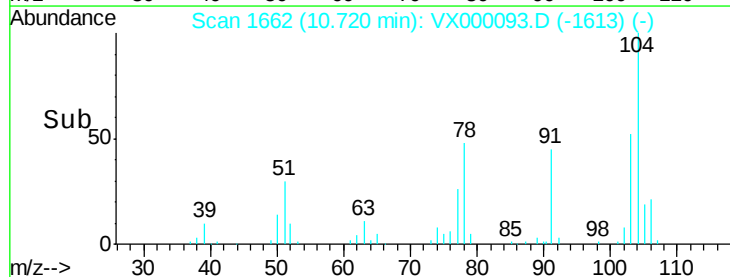
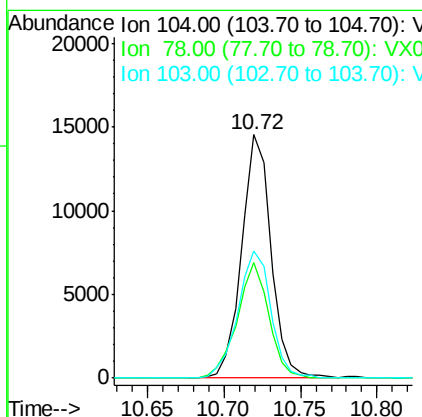
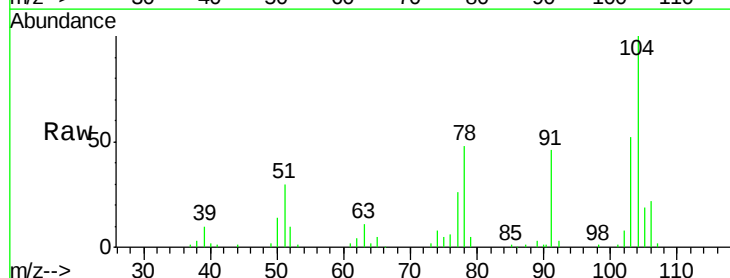
Manual Integrations  
APPROVED

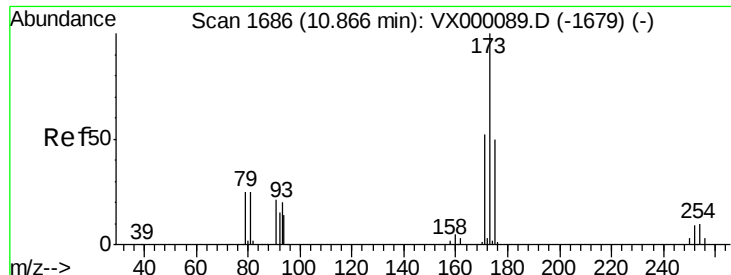
sam  
2/16/2018 1:20:40 PM



#70  
Styrene  
Concen: 4.69 ug/l  
RT: 10.72 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Tgt Ion:104 Resp: 19393  
Ion Ratio Lower Upper  
104 100  
78 50.9 38.2 57.4  
103 58.9 44.2 66.4





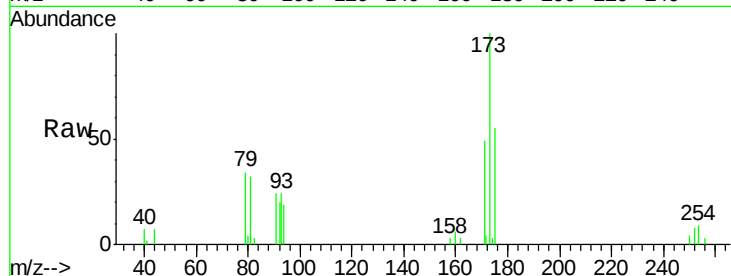
#71  
Bromoform  
Concen: 4.05 ug/l  
RT: 10.87 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

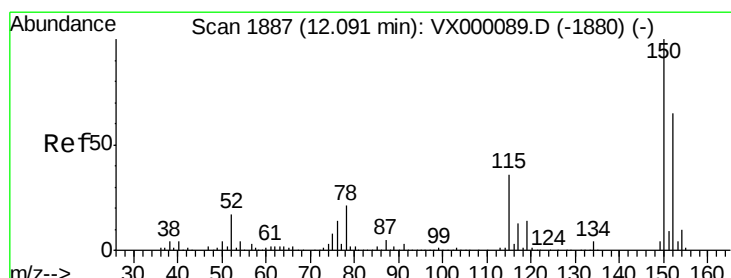
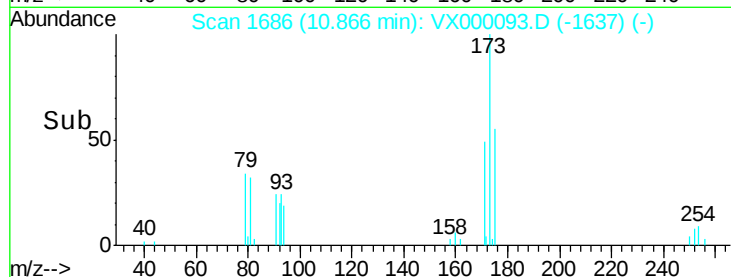
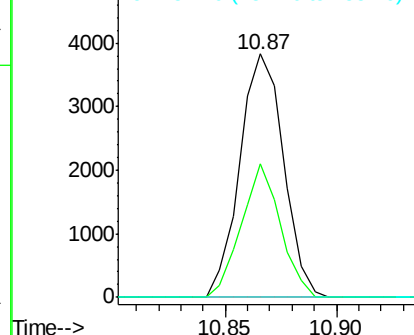
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.9  | 24.3  | 73.0  |
| 254     | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

sam  
2/16/2018 1:20:40 PM

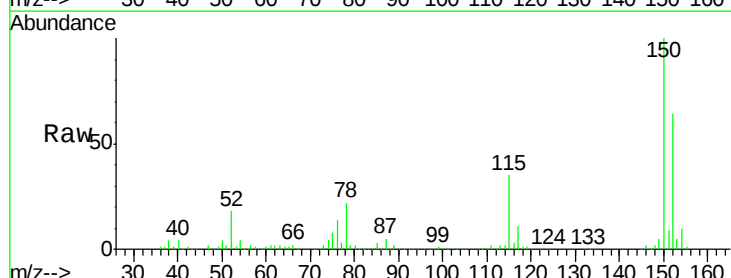


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

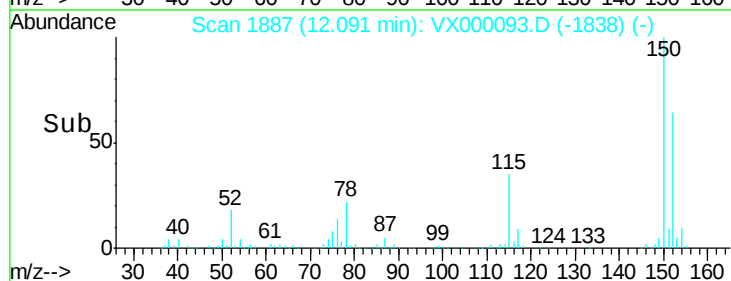
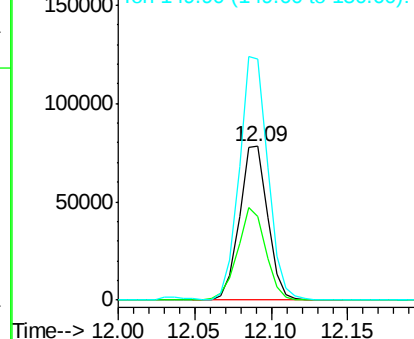


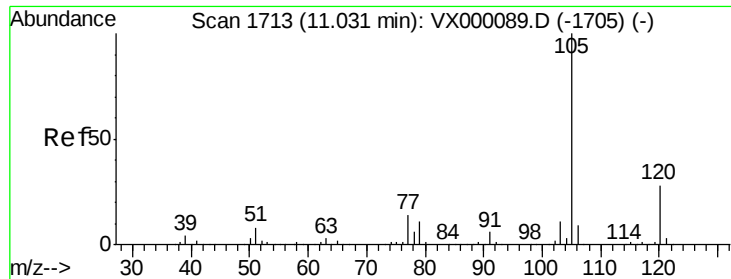
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1887  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.4  | 39.1  | 117.2 |
| 150     | 160.8 | 0.0   | 348.2 |



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: 5.33 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion:105 Resp: 33607

Ion Ratio Lower Upper

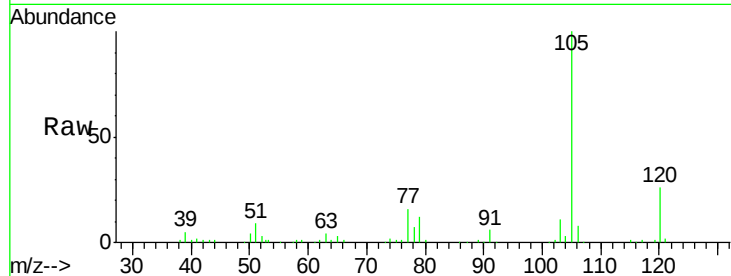
105 100

120 26.1 14.0 42.0

Manual Integrations  
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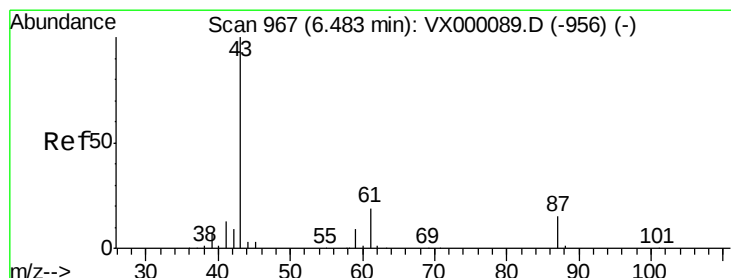
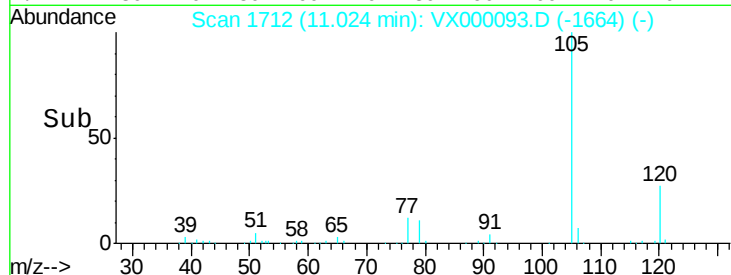
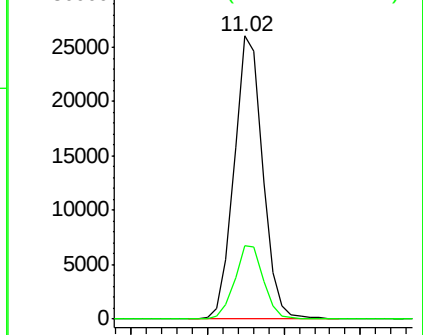
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.46 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Tgt Ion: 43 Resp: 17341

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

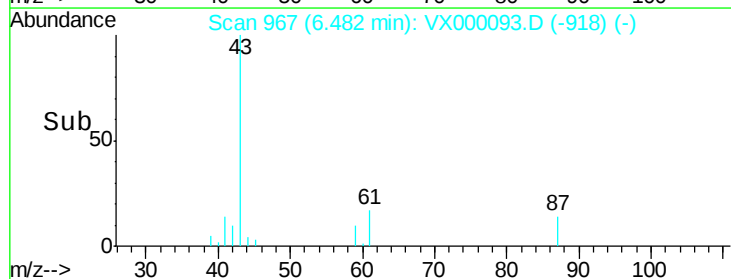
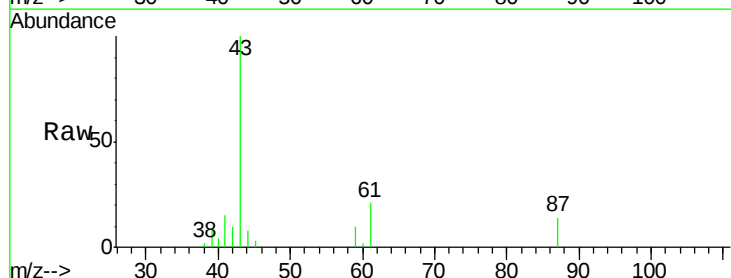
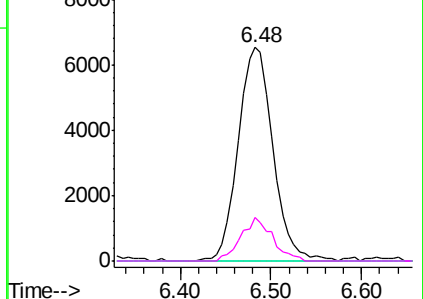
61 18.6 15.6 23.4

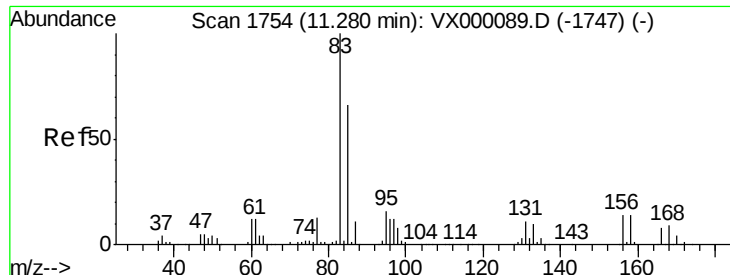
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.29 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

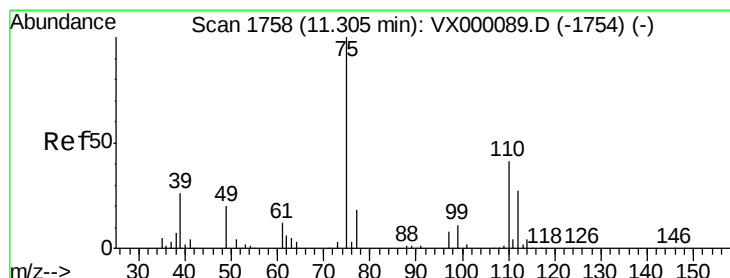
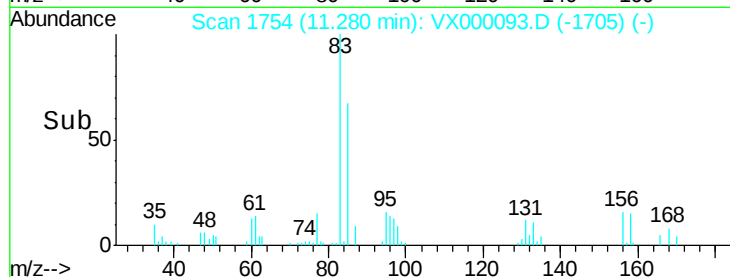
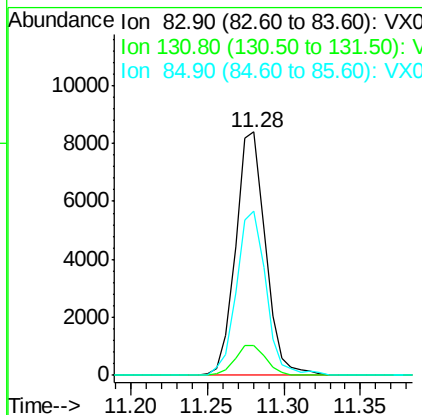
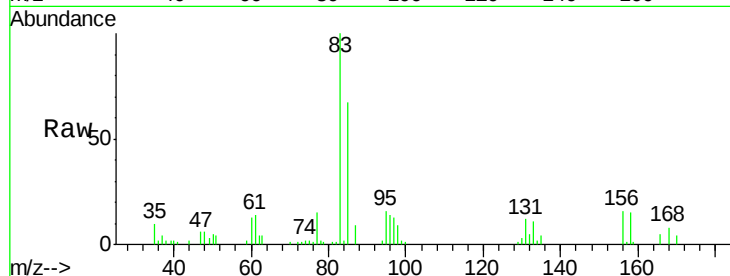
ClientSampled :

VSTDIC005

| Tot Ion   | 83   | Resp  | 11380 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 12.7 | 5.6   | 16.8  |
| 85        | 67.1 | 32.3  | 96.8  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 5.51 ug/l m

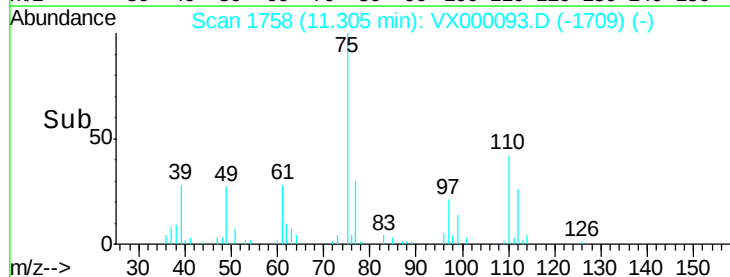
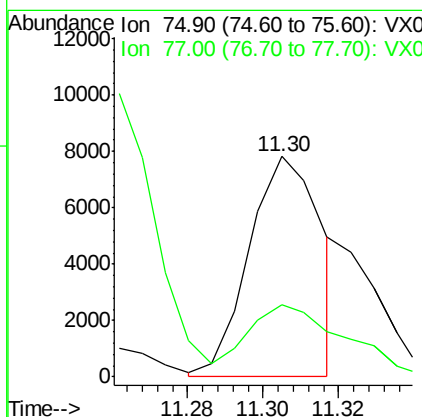
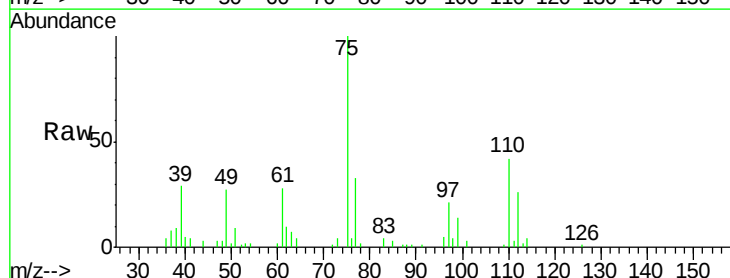
RT: 11.30 min Scan# 1758

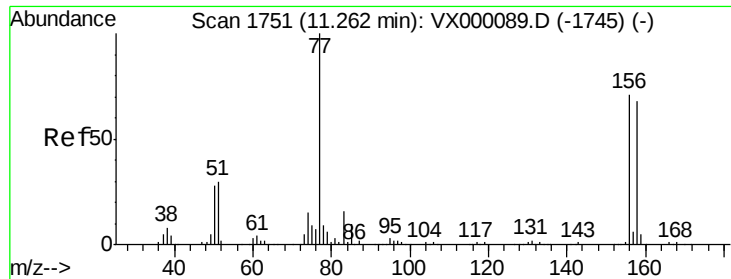
Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

| Tgt Ion   | 75   | Resp  | 10405 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 44.1 | 22.8  | 68.3  |





#77

Bromobenzene

Concen: 5.18 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

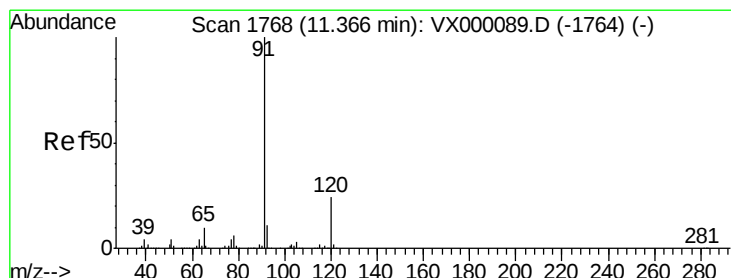
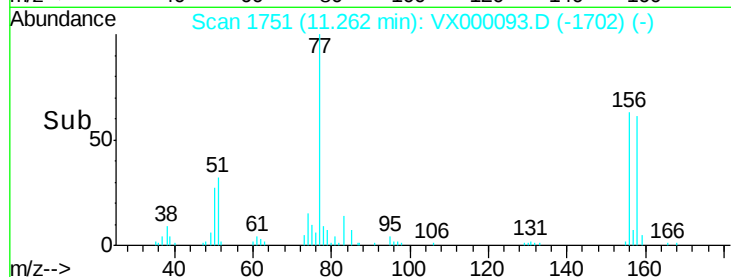
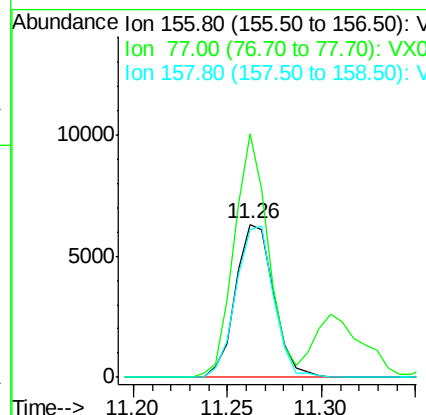
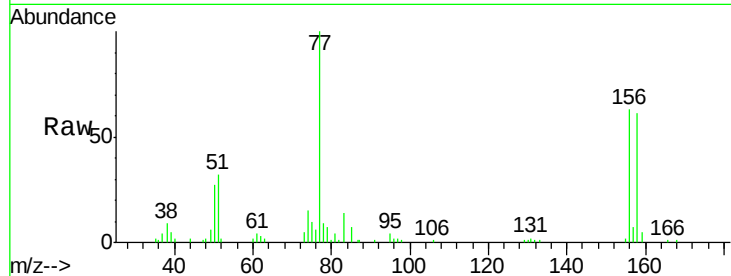
ClientSampled :

VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 142.0 | 67.0  | 201.0 |
| 158     | 97.0  | 48.3  | 144.9 |

Manual Integrations  
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sam  
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#78

n-propylbenzene

Concen: 5.32 ug/l

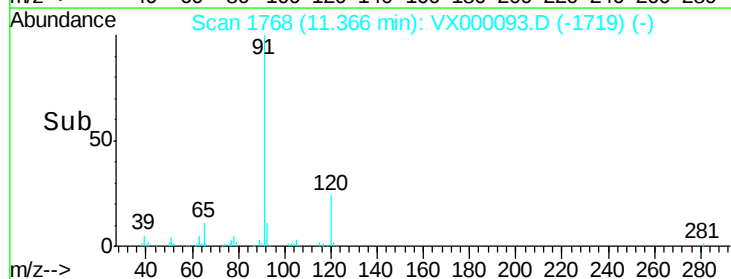
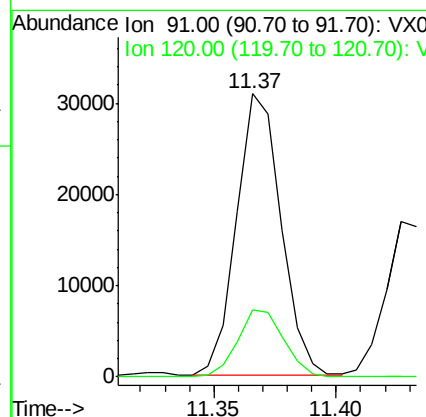
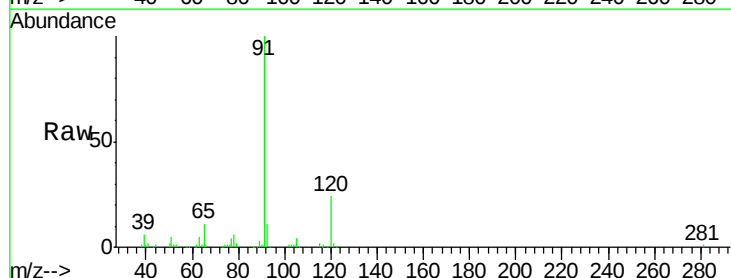
RT: 11.37 min Scan# 1768

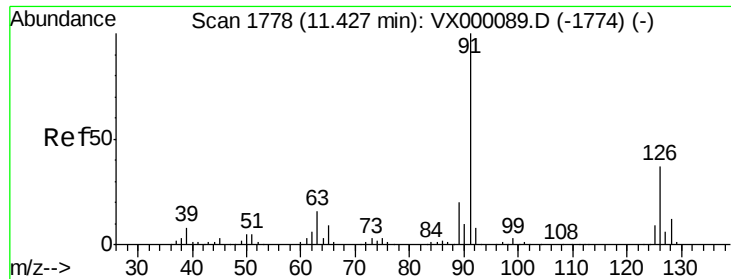
Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.5  | 12.3  | 36.9  |





#79

2-Chlorotoluene

Concen: 5.22 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 22115

Ion Ratio Lower Upper

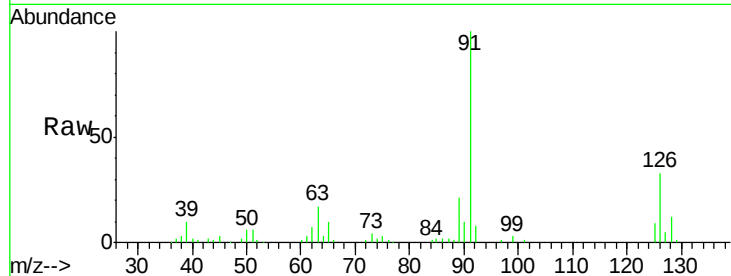
91 100

126 37.0 18.4 55.2

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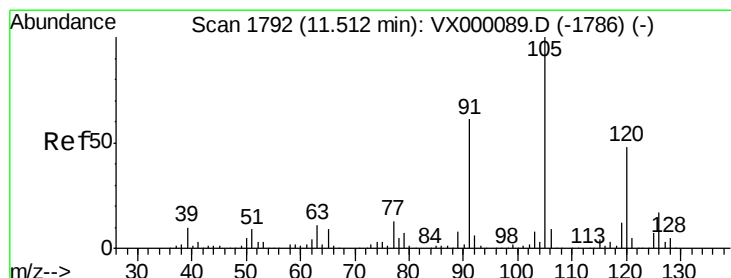
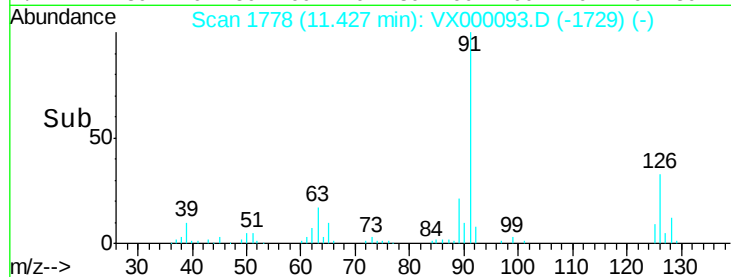
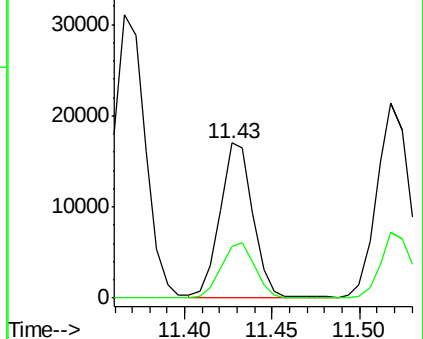
sam

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Abundance Ion 91.00 (90.70 to 91.70): VX000089.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000089.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.18 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000093.D

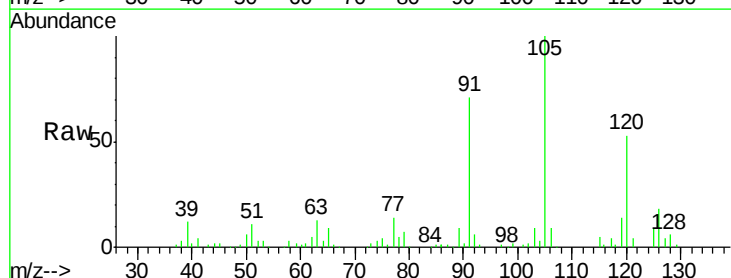
Acq: 14 Feb 2018 18:21

Tgt Ion: 105 Resp: 27438

Ion Ratio Lower Upper

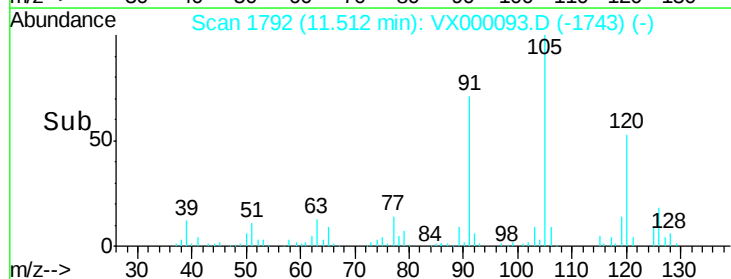
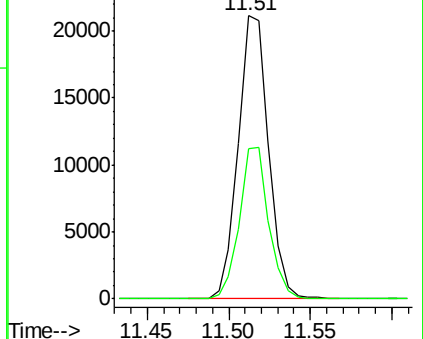
105 100

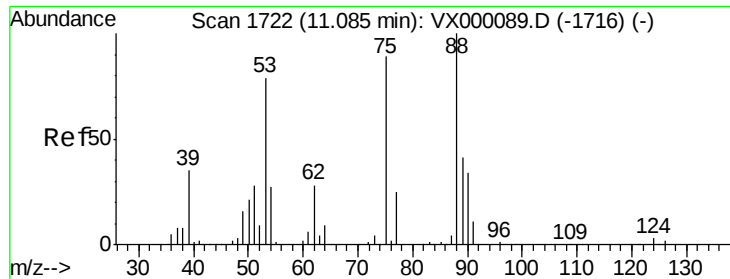
120 51.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000089.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000089.D (-1786) (-)





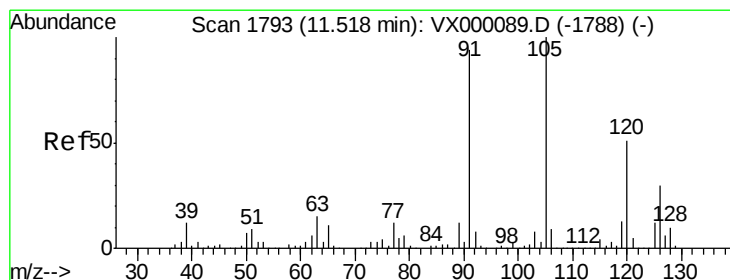
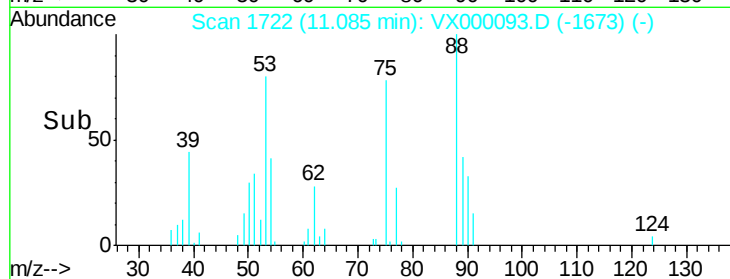
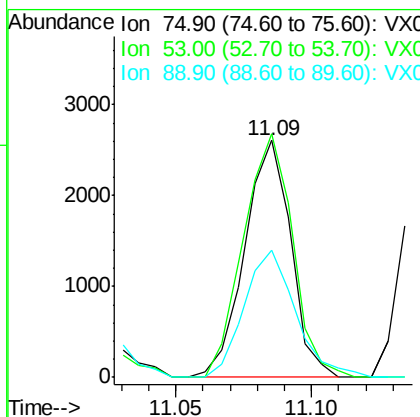
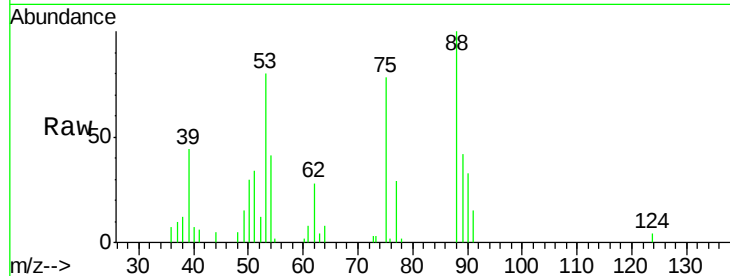
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.07 ug/l  
RT: 11.09 min Scan# 1722  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

Tot Ion: 75 Resp: 3063  
Ion Ratio Lower Upper  
75 100  
53 109.6 72.3 108.5#  
89 59.9 40.6 60.8

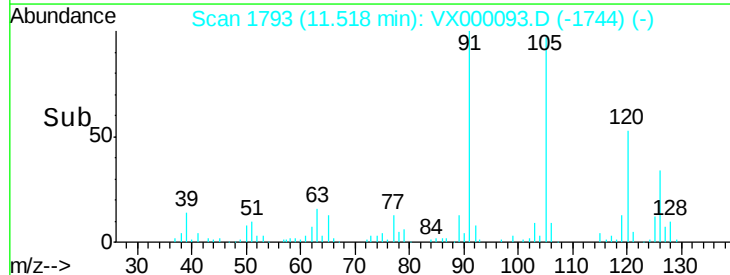
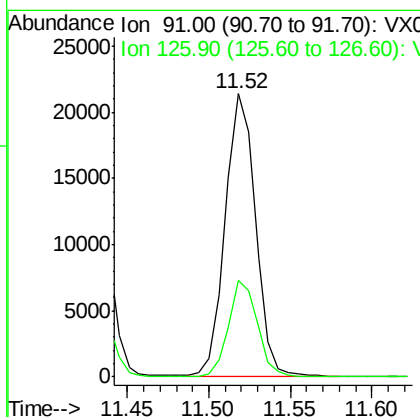
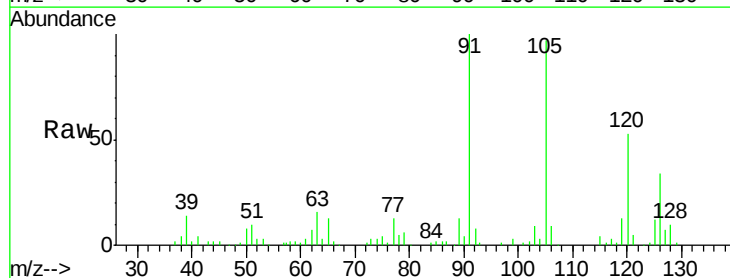
Manual Integrations  
APPROVED

sam  
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#82  
4-Chlorotoluene  
Concen: 5.48 ug/l  
RT: 11.52 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Tgt Ion: 91 Resp: 27730  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 5.25 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

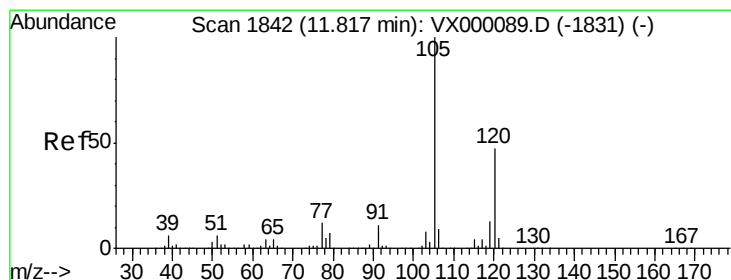
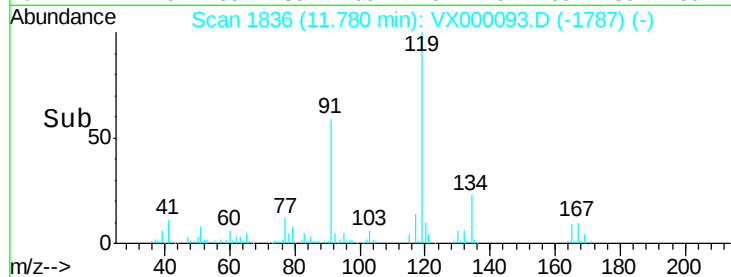
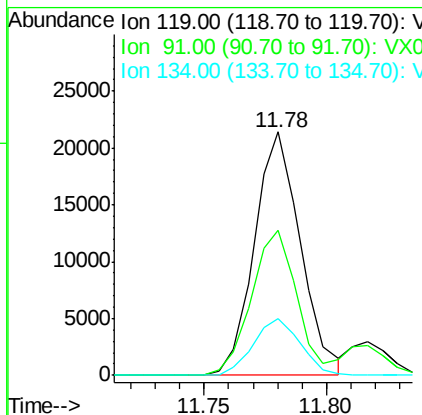
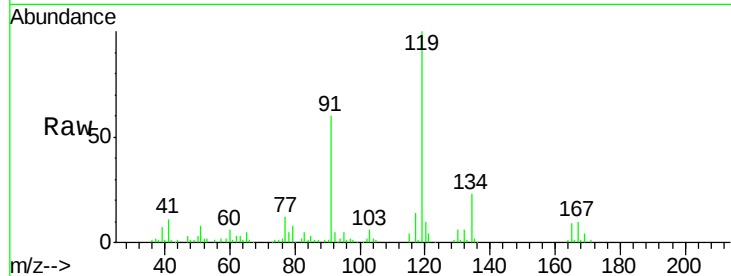
ClientSampled :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 119   | Resp: | 27986 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 58.2  | 28.4  | 85.2  |
| 134       | 23.5  | 11.8  | 35.4  |

Manual Integrations  
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sam  
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#84

1,2,4-Trimethylbenzene

Concen: 5.36 ug/l

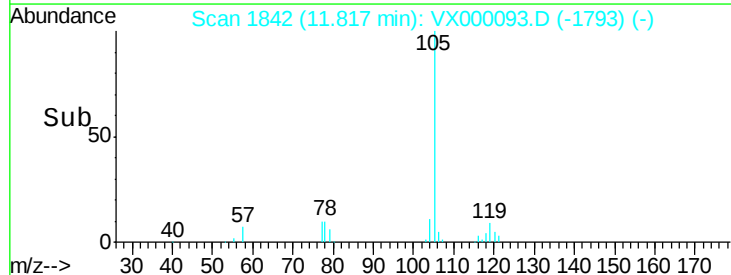
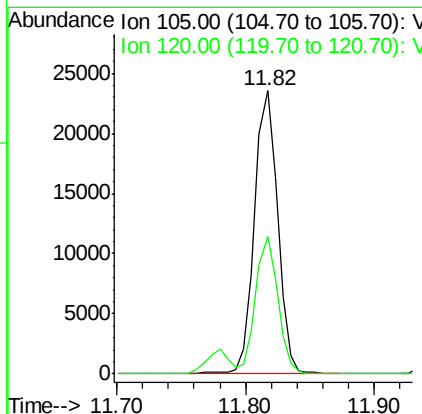
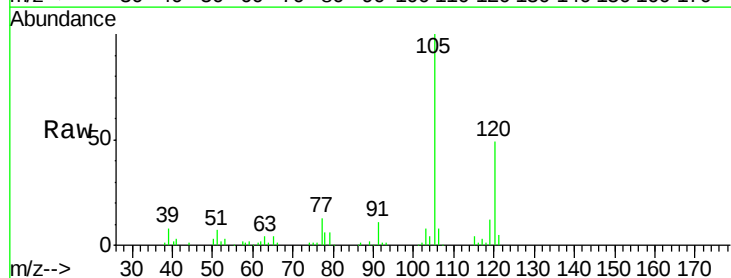
RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 29127 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 46.4  | 23.1  | 69.2  |





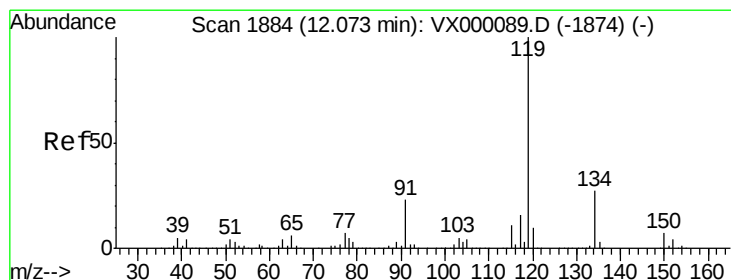
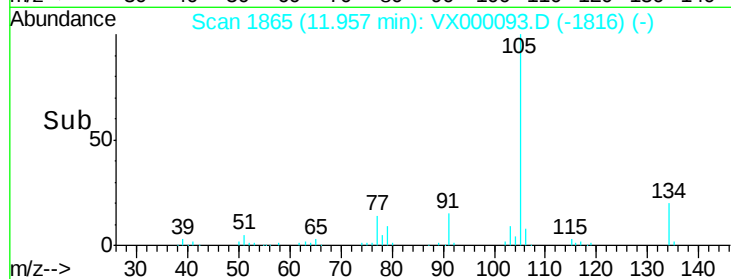
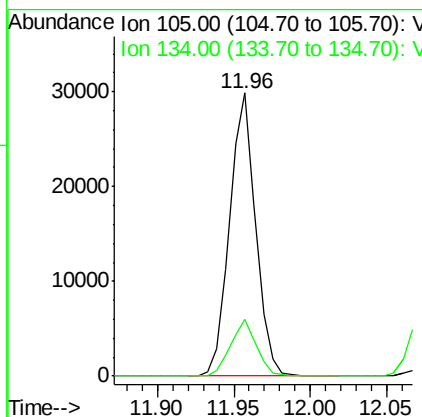
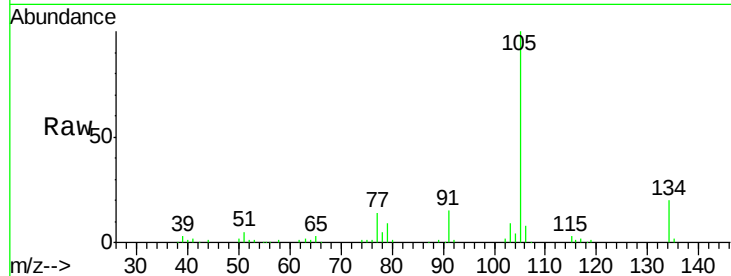
#85  
 sec-Butylbenzene  
 Concen: 5.36 ug/l  
 RT: 11.96 min Scan# 1865  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Instrument :  
 ClientSampled :  
 VSTDIC005

Tot Ion:105 Resp: 35234  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.5 31.6

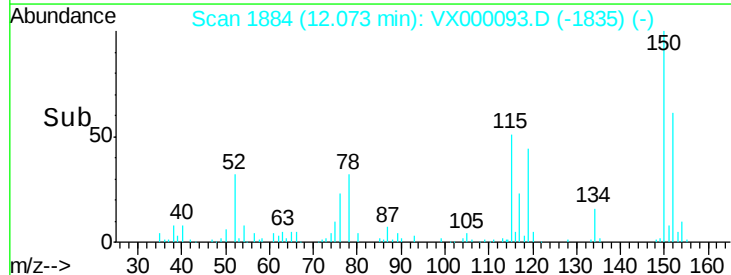
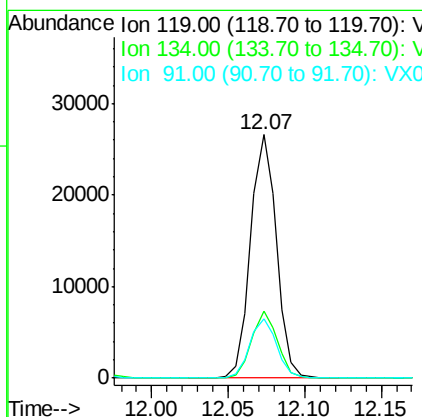
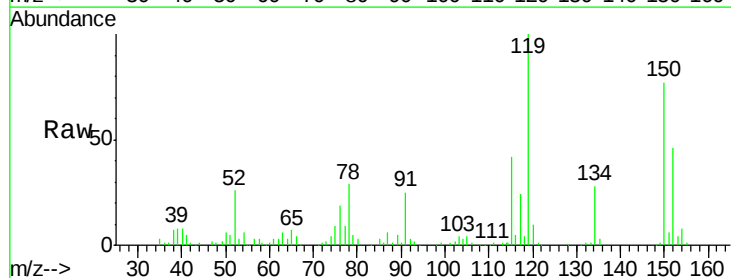
Manual Integrations  
 APPROVED

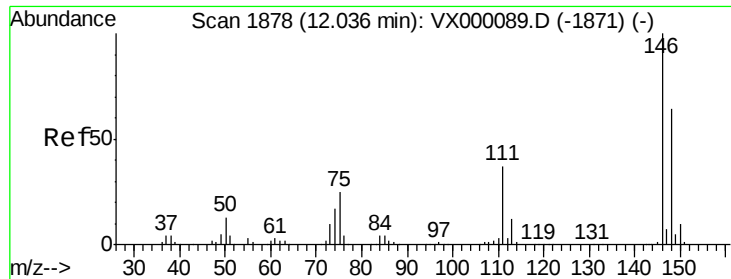
sam  
 2/16/2018 1:20:40 PM



#86  
 p-Isopropyltoluene  
 Concen: 5.27 ug/l  
 RT: 12.07 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Tgt Ion:119 Resp: 31244  
 Ion Ratio Lower Upper  
 119 100  
 134 27.4 13.7 41.0  
 91 25.7 11.7 35.0





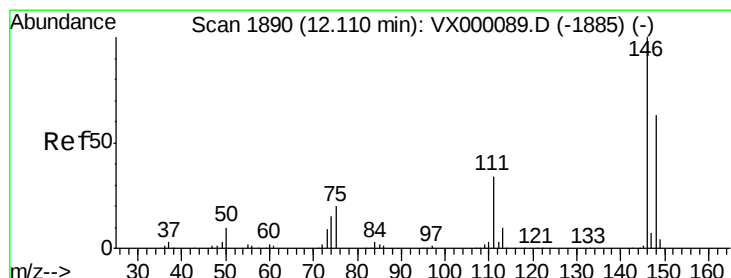
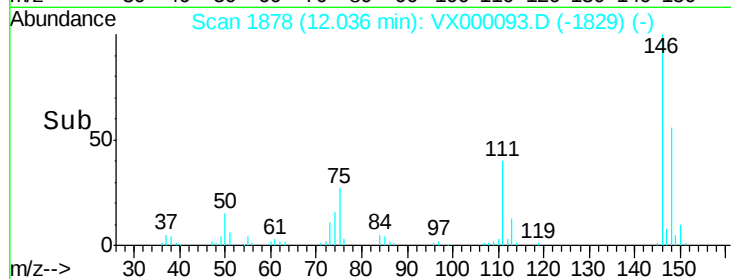
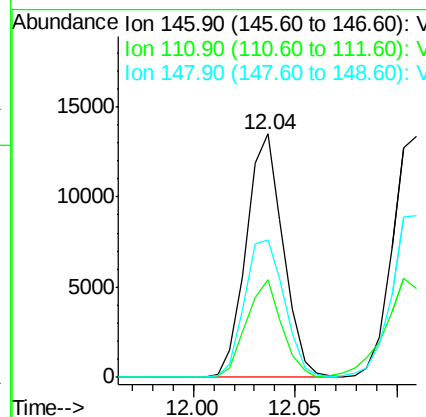
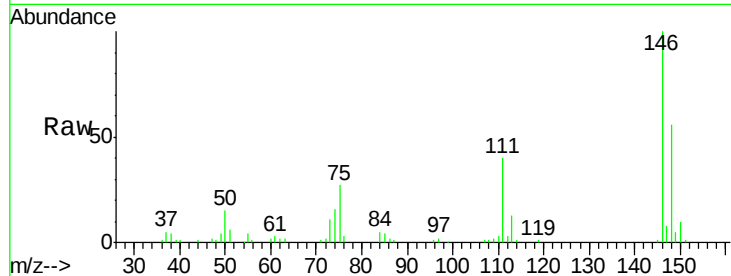
#87  
 1,3-Dichlorobenzene  
 Concen: 5.25 ug/l  
 RT: 12.04 min Scan# 1878  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Instrument :  
 ClientSampled :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.1  | 57.3  |
| 148     | 60.9  | 32.2  | 96.6  |

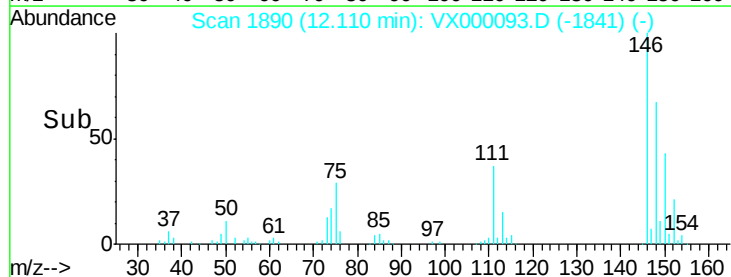
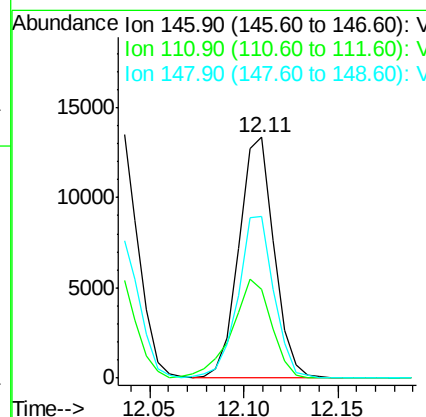
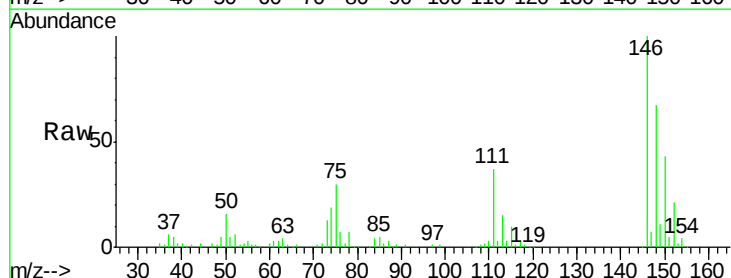
Manual Integrations  
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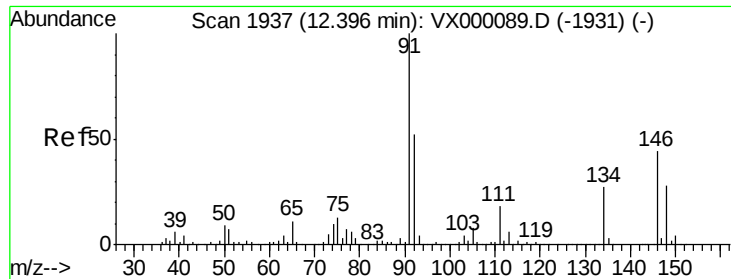
sam  
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#88  
 1,4-Dichlorobenzene  
 Concen: 5.23 ug/l  
 RT: 12.11 min Scan# 1890  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 46.1  | 18.4  | 55.0  |
| 148     | 68.6  | 31.9  | 95.9  |





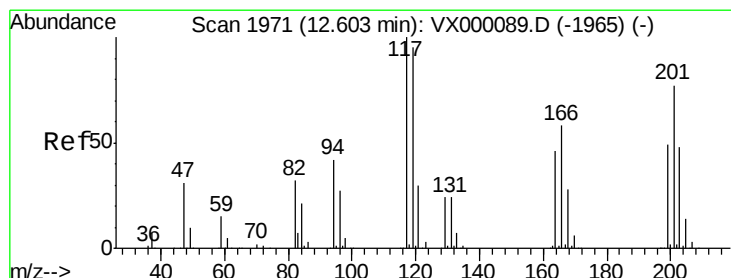
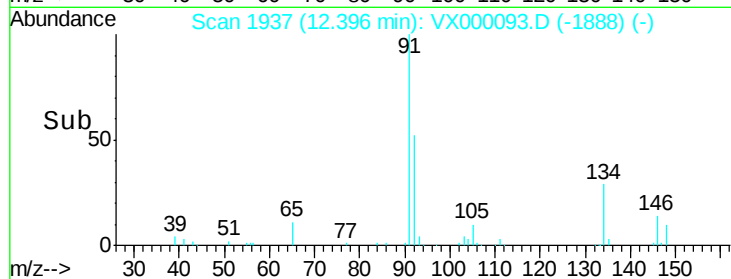
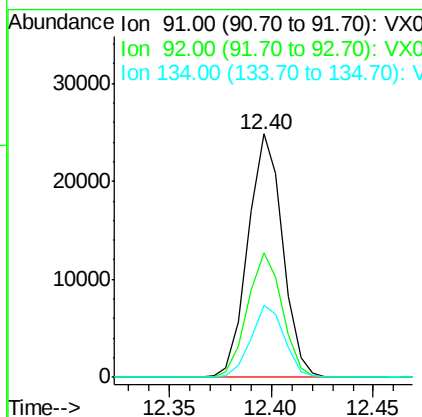
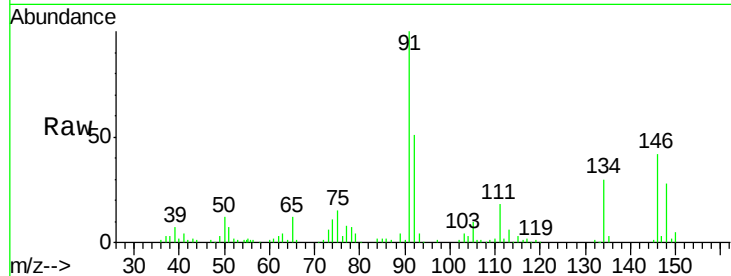
#89  
n-Butylbenzene  
Concen: 5.31 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

Instrument :  
ClientSampled :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.4  | 26.2  | 78.6  |
| 134     | 28.5  | 14.3  | 42.9  |

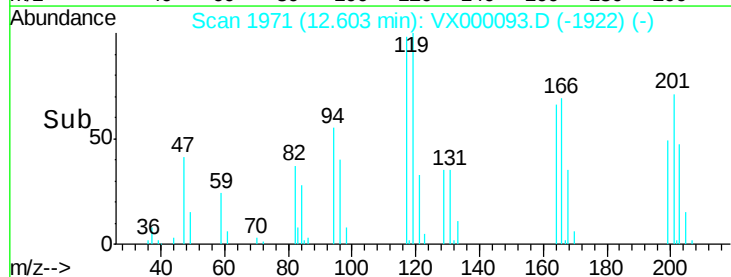
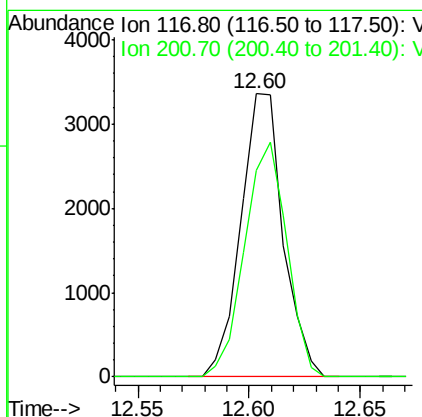
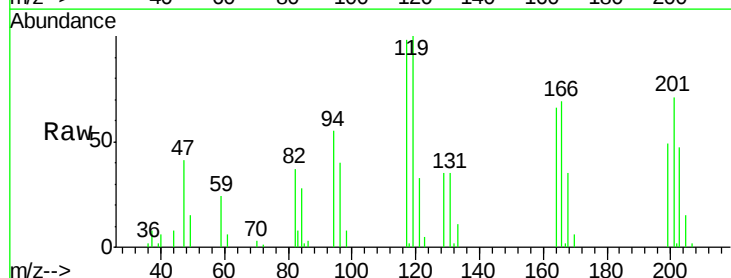
Manual Integrations  
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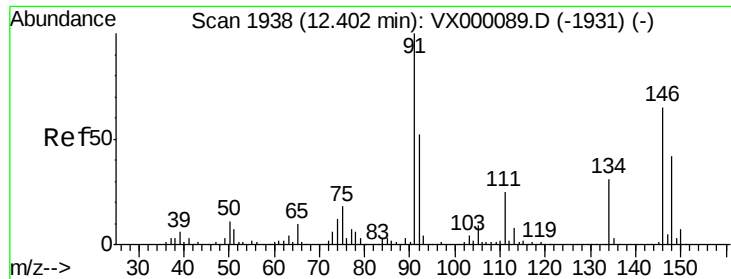
sam  
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#90  
Hexachloroethane  
Concen: 4.34 ug/l  
RT: 12.60 min Scan# 1971  
Delta R.T. -0.00 min  
Lab File: VX000093.D  
Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 82.3  | 41.1  | 123.4 |





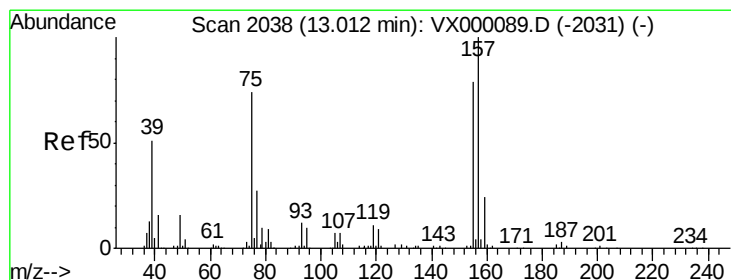
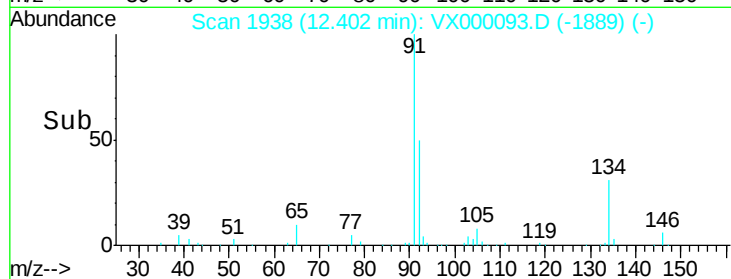
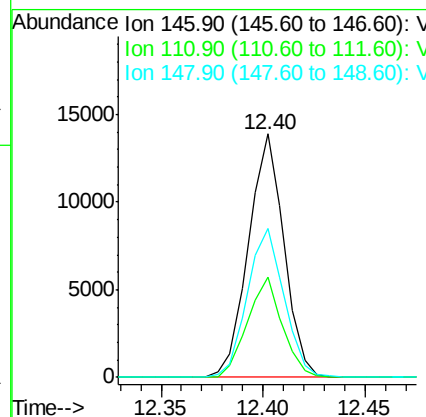
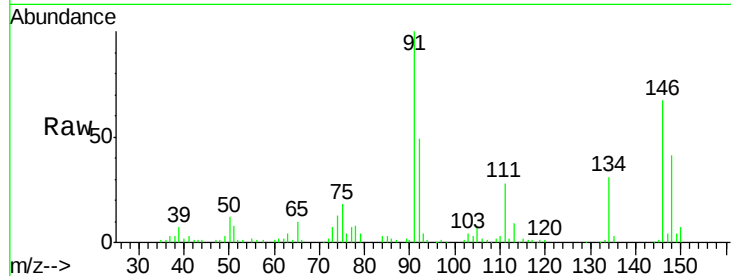
#91  
 1,2-Dichlorobenzene  
 Concen: 5.32 ug/l  
 RT: 12.40 min Scan# 1938  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Instrument :  
 ClientSampled :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 19.6  | 58.8  |
| 148     | 63.3  | 32.4  | 97.0  |

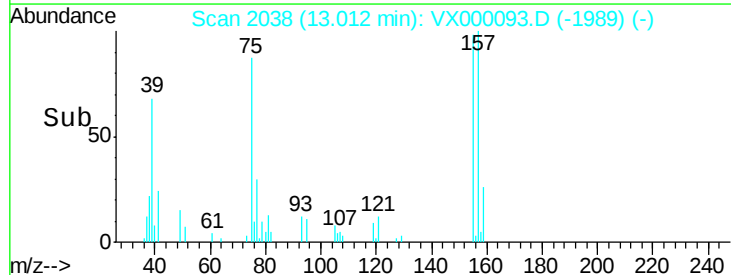
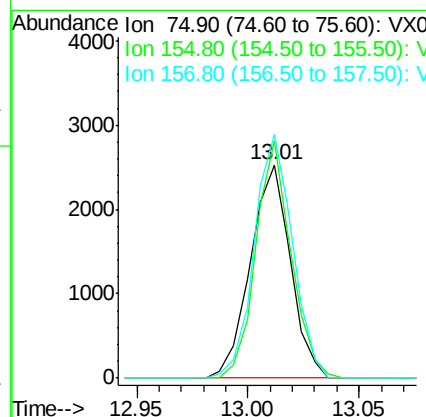
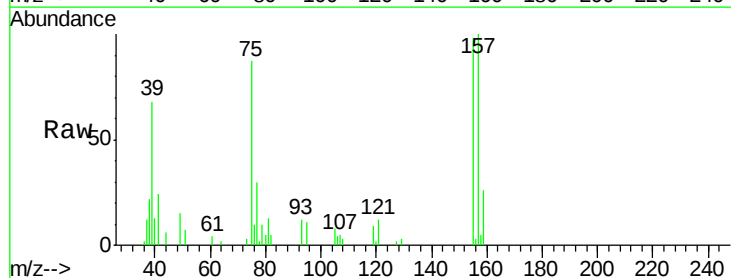
Manual Integrations  
 APPROVED

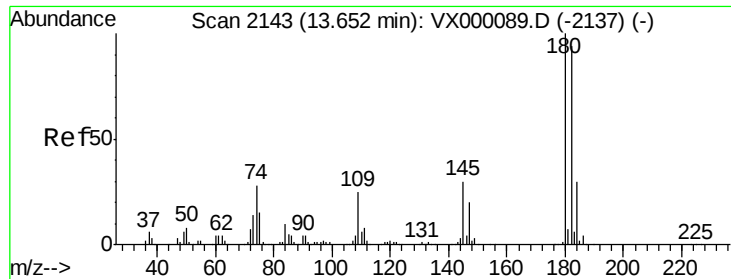
sam  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.08 ug/l  
 RT: 13.01 min Scan# 2038  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.4  | 49.3  | 147.9 |
| 157     | 109.3 | 63.7  | 191.1 |





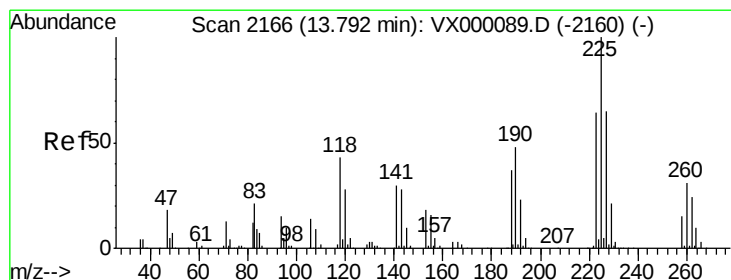
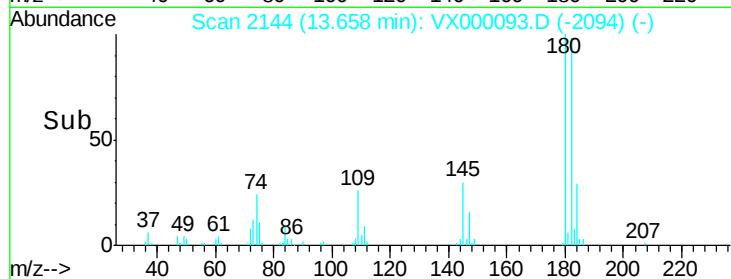
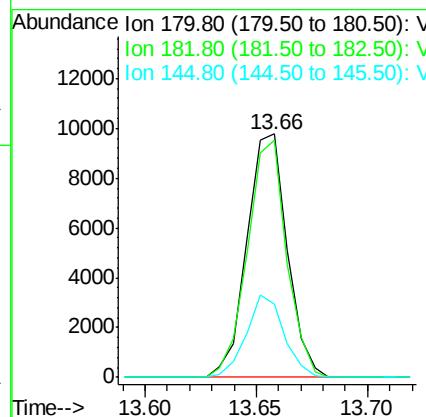
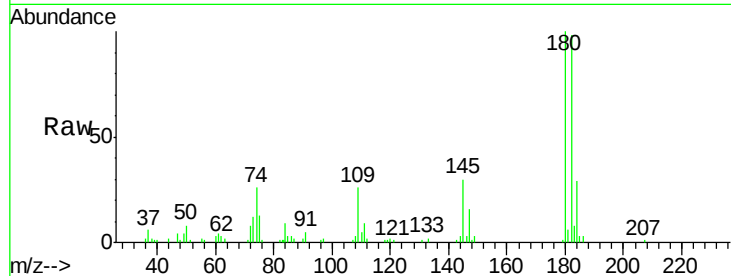
#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.12 ug/l  
 RT: 13.66 min Scan# 2144  
 Delta R.T. 0.01 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

Instrument :  
 ClientSampled :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 47.8  | 143.4 |
| 145     | 31.5  | 14.7  | 44.1  |

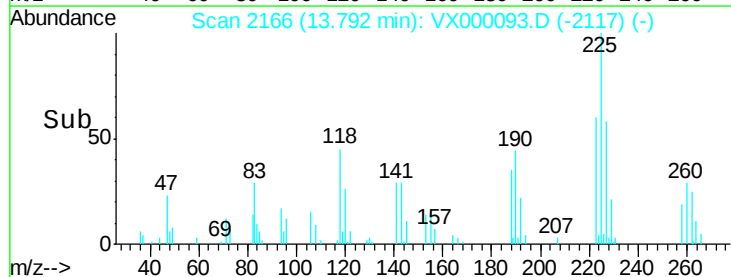
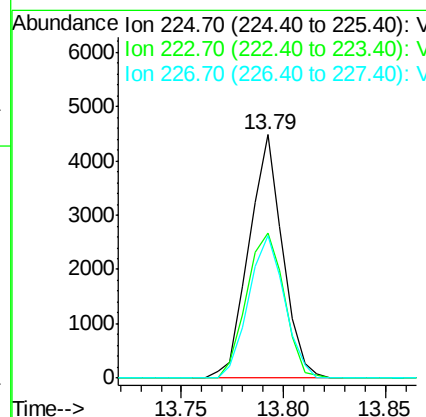
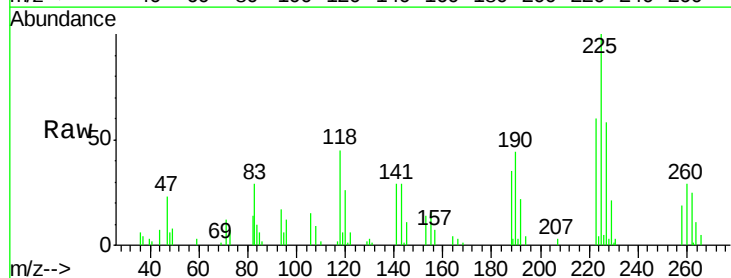
Manual Integrations  
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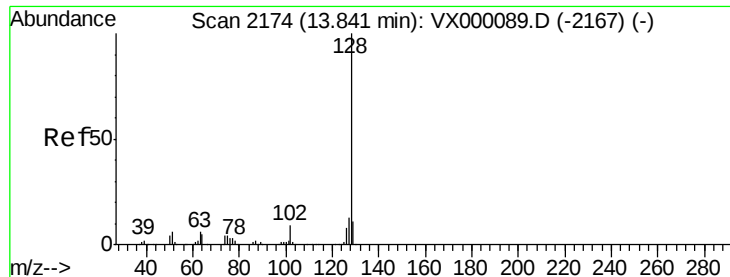
sam  
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#94  
 Hexachlorobutadiene  
 Concen: 4.58 ug/l  
 RT: 13.79 min Scan# 2166  
 Delta R.T. -0.00 min  
 Lab File: VX000093.D  
 Acq: 14 Feb 2018 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.5  | 31.9  | 95.7  |
| 227     | 62.1  | 32.8  | 98.4  |





#95

Naphthalene

Concen: 5.37 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

Instrument :

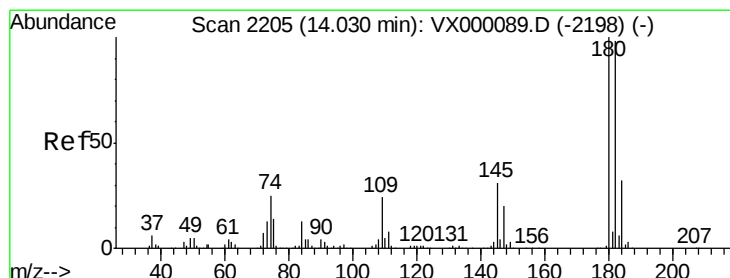
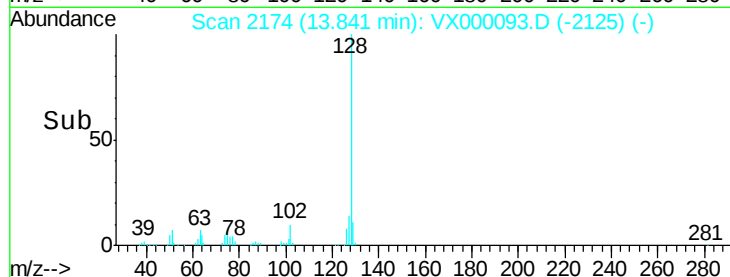
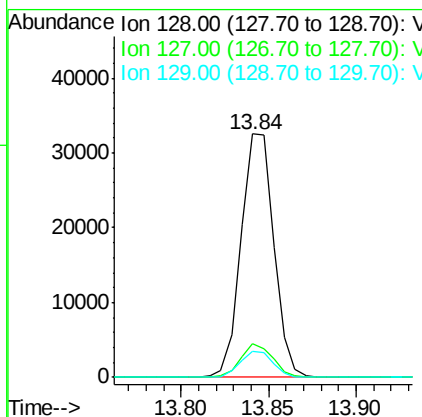
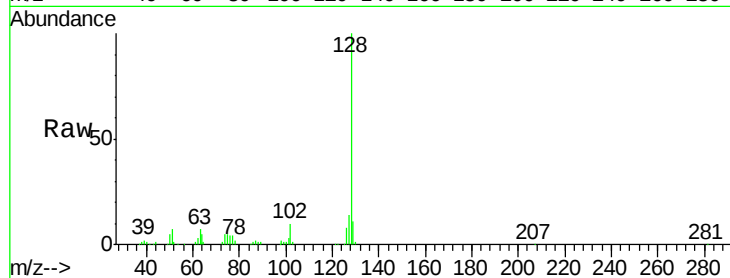
ClientSampled :

VSTDIC005

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 42550 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.4  | 10.4  | 15.6  |
| 129       | 10.8  | 8.7   | 13.1  |

Manual Integrations  
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sam  
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#96

1,2,3-Trichlorobenzene

Concen: 5.23 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000093.D

Acq: 14 Feb 2018 18:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 12329 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.9  | 48.2  | 144.6 |
| 145       | 31.8  | 15.3  | 45.9  |

