

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\  
 Data File : VX004817.D  
 Acq On : 28 Sep 2018 13:25  
 Operator : JC/MD  
 Sample : VX0928WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

Quant Time: Sep 29 06:22:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 260671   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 384652   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 360190   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 219610   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 180270   | 48.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.82%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 144582   | 44.35 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 88.70%  |          |
| 50) Toluene-d8              | 8.72  | 98   | 559858   | 51.66 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.32% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 207261   | 53.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.16% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 78570    | 22.106  | ug/l  | 98     |
| 3) Chloromethane              | 1.32 | 50   | 82085    | 19.036  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.40 | 62   | 82486    | 20.396  | ug/l  | 98     |
| 5) Bromomethane               | 1.64 | 94   | 37926    | 15.814  | ug/l  | 98     |
| 6) Chloroethane               | 1.72 | 64   | 47818    | 20.314  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 106343   | 21.240  | ug/l  | 96     |
| 8) Diethyl Ether              | 2.19 | 74   | 41958    | 19.290  | ug/l  | 89     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 60928    | 21.363  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.51 | 142  | 43684    | 11.446  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 104815   | 100.670 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 56958    | 20.166  | ug/l  | 96     |
| 13) Acrolein                  | 2.29 | 56   | 52551    | 70.939  | ug/l  | 97     |
| 14) Allyl chloride            | 2.73 | 41   | 123964   | 20.115  | ug/l  | 96     |
| 15) Acrylonitrile             | 3.15 | 53   | 217299   | 94.806  | ug/l  | 98     |
| 16) Acetone                   | 2.45 | 43   | 212619   | 97.803  | ug/l  | 97     |
| 17) Carbon Disulfide          | 2.57 | 76   | 157164   | 18.518  | ug/l  | 98     |
| 18) Methyl Acetate            | 2.78 | 43   | 111699   | 20.280  | ug/l  | 93     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 205698   | 21.113  | ug/l  | 96     |
| 20) Methylene Chloride        | 2.85 | 84   | 65708    | 20.289  | ug/l  | 93     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 61650    | 19.939  | ug/l  | 98     |
| 22) Diisopropyl ether         | 3.87 | 45   | 211040   | 20.336  | ug/l  | 95     |
| 23) Vinyl Acetate             | 3.82 | 43   | 919894   | 96.840  | ug/l  | 95     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 113795   | 18.383  | ug/l  | 98     |
| 25) 2-Butanone                | 4.70 | 43   | 302881   | 94.518  | ug/l  | 95     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 87732    | 20.352  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 65859    | 19.067  | ug/l  | 94     |
| 28) Bromochloromethane        | 5.02 | 49   | 52446    | 17.991  | ug/l  | 90     |
| 29) Tetrahydrofuran           | 5.16 | 42   | 192973   | 96.889  | ug/l  | 92     |
| 30) Chloroform                | 5.21 | 83   | 110272   | 18.848  | ug/l  | 99     |
| 31) Cyclohexane               | 5.57 | 56   | 104109   | 21.974  | ug/l  | 90     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 92184    | 19.294  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 83956    | 18.876  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.86 | 43   | 106052   | 17.963  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 81125    | 17.351  | ug/l  | 95     |

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 Sample : VX0928WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

Quant Time: Sep 29 06:22:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 100824   | 22.200  | ug/l  | 97       |
| 40) Benzene                    | 6.14  | 78   | 252040   | 18.100  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 58844    | 17.972  | ug/l  | 95       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 88628    | 18.005  | ug/l  | 97       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 156547   | 18.371  | ug/l  | 96       |
| 44) Trichloroethene            | 7.21  | 130  | 66885    | 19.539  | ug/l  | 92       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 69068    | 20.226  | ug/l  | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 42202    | 19.665  | ug/l  | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 78240    | 19.472  | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 82385    | 21.300  | ug/l  | 93       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 36486    | 379.699 | ug/l  | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 555802   | 103.586 | ug/l  | 94       |
| 52) Toluene                    | 8.79  | 92   | 157890   | 20.635  | ug/l  | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 87234    | 19.212  | ug/l  | 96       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 98891    | 20.794  | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 64744    | 19.317  | ug/l  | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 97174    | 19.706  | ug/l  | 95       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 109024   | 19.545  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 271671   | 102.956 | ug/l  | 94       |
| 59) 2-Hexanone                 | 9.50  | 43   | 437268   | 97.796  | ug/l  | 93       |
| 60) Dibromochloromethane       | 9.59  | 129  | 60874    | 18.161  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 66284    | 18.467  | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 64759    | 18.267  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 176040   | 19.060  | ug/l  | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 59734    | 18.396  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 292239   | 19.929  | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 232082   | 40.502  | ug/l  | 96       |
| 69) o-Xylene                   | 10.70 | 106  | 109490   | 20.803  | ug/l  | 96       |
| 70) Styrene                    | 10.71 | 104  | 183781   | 20.011  | ug/l  | 97       |
| 71) Bromoform                  | 10.86 | 173  | 47196    | 16.978  | ug/l  | 97       |
| 73) Isopropylbenzene           | 11.02 | 105  | 301361   | 21.771  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 136869   | 19.108  | ug/l  | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 103377   | 18.346  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 115322   | 23.429  | ug/l  | 88       |
| 77) Bromobenzene               | 11.26 | 156  | 80048    | 19.909  | ug/l  | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 349344   | 21.996  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 205746   | 20.783  | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 253372   | 19.852  | ug/l  | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 27004    | 16.356  | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 245946   | 21.107  | ug/l  | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 247960   | 21.757  | ug/l  | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 264498   | 20.097  | ug/l  | 97       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 305796   | 22.029  | ug/l  | 98       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 276137   | 21.956  | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 147323   | 19.623  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 150017   | 19.357  | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.39 | 91   | 244788   | 21.431  | ug/l  | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 39990    | 19.097  | ug/l  | 97       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 147165   | 18.757  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 22825    | 18.449  | ug/l  | 95       |

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Operator : JC/MD  
Sample : VX0928WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0928WBS01

Quant Time: Sep 29 06:22:57 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 26 14:17:02 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 108986   | 19.802 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 56129    | 19.667 | ug/l  | 96       |
| 95) Naphthalene            | 13.83 | 128  | 338202   | 18.967 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 114466   | 20.133 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampled :

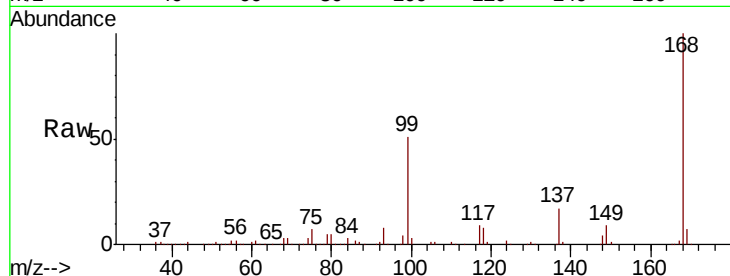
VX0928WBS01

Tot Ion:168 Resp: 260671

Ion Ratio Lower Upper

168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

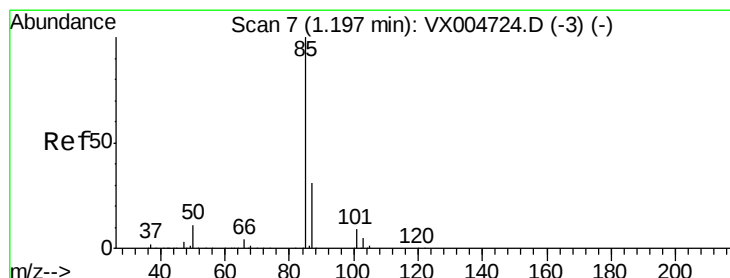
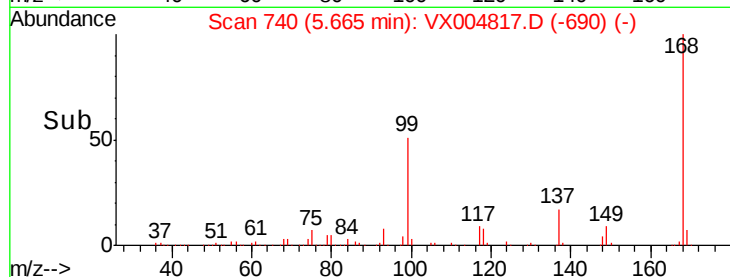
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.106 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004817.D

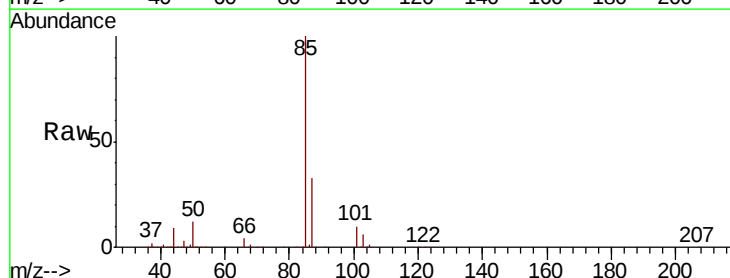
Acq: 28 Sep 2018 13:25

Tgt Ion: 85 Resp: 78570

Ion Ratio Lower Upper

85 100

87 32.8 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

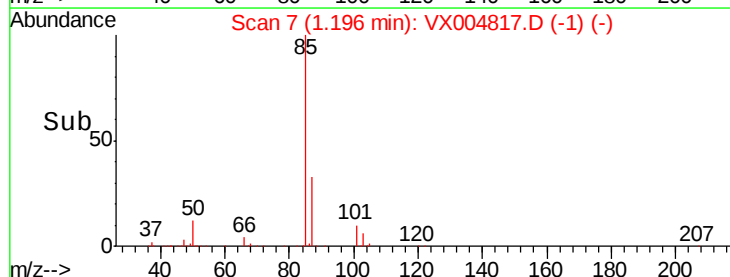
60000

40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.036 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

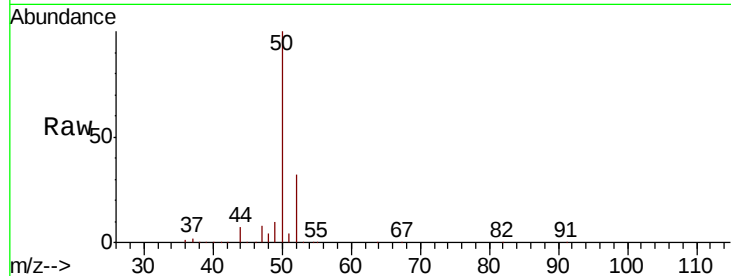
VX0928WBS01

Tot Ion: 50 Resp: 82085

Ion Ratio Lower Upper

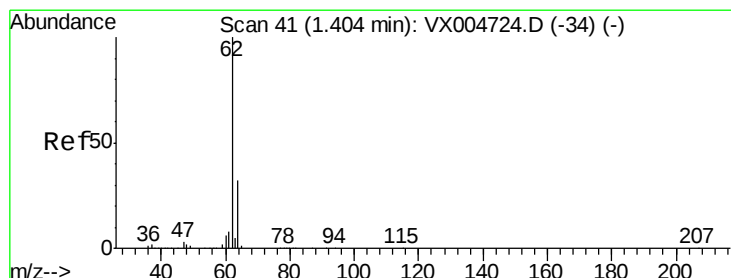
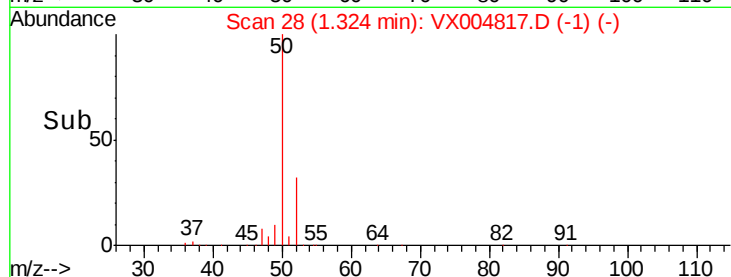
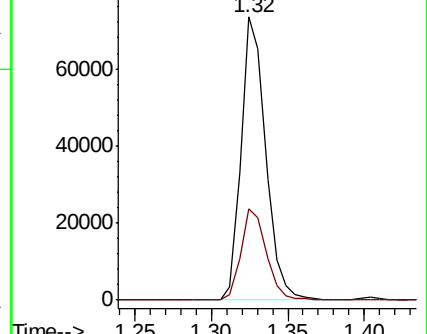
50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.396 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004817.D

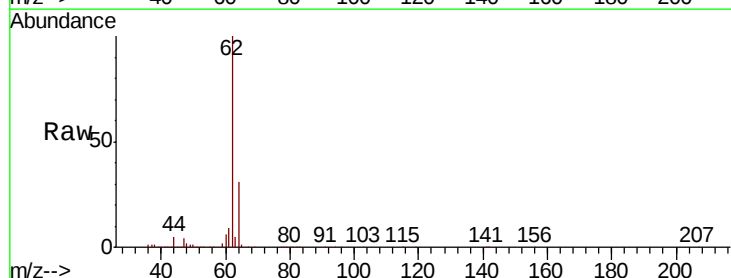
Acq: 28 Sep 2018 13:25

Tgt Ion: 62 Resp: 82486

Ion Ratio Lower Upper

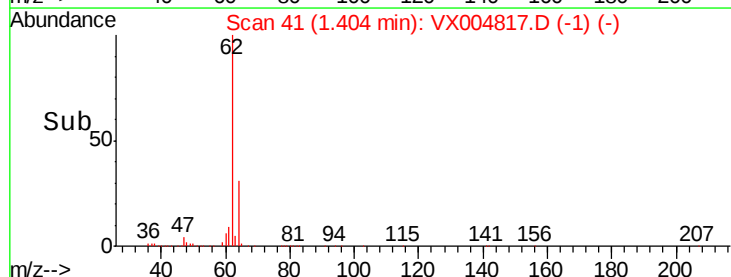
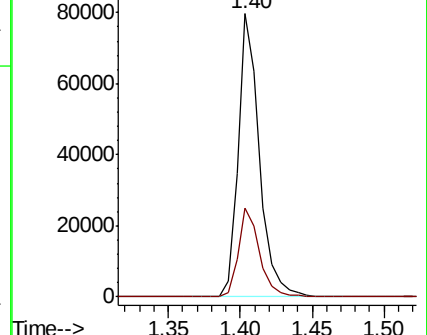
62 100

64 31.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.814 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

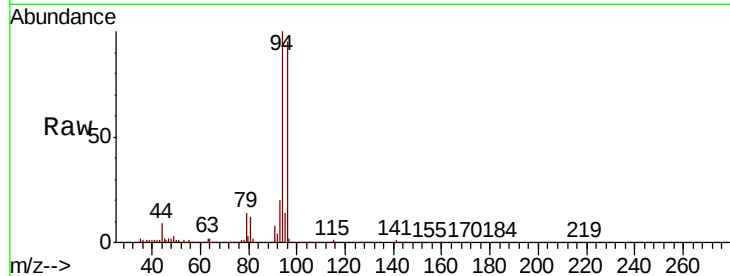
VX0928WBS01

Tot Ion: 94 Resp: 37926

Ion Ratio Lower Upper

94 100

96 94.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

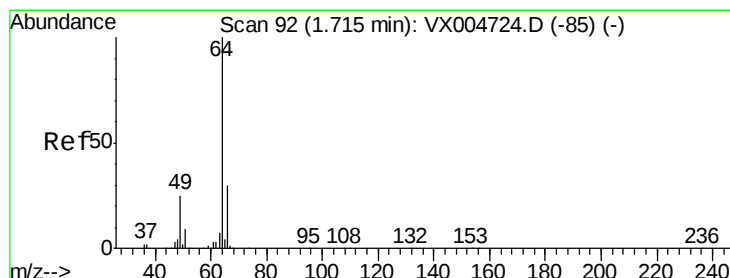
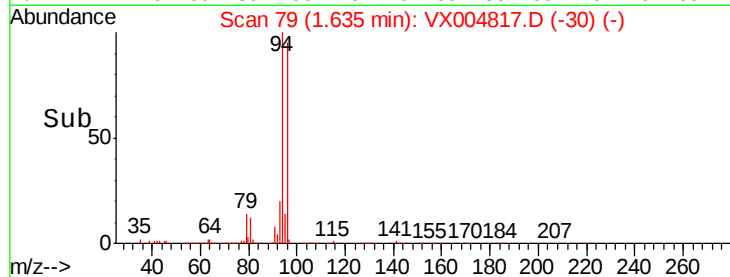
20000

10000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 20.314 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004817.D

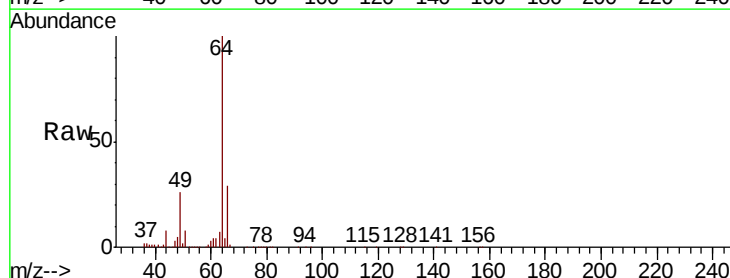
Acq: 28 Sep 2018 13:25

Tgt Ion: 64 Resp: 47818

Ion Ratio Lower Upper

64 100

66 29.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

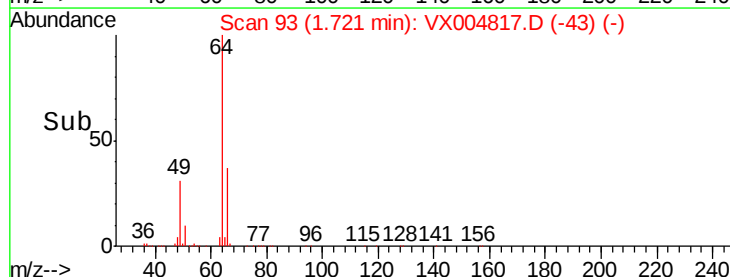
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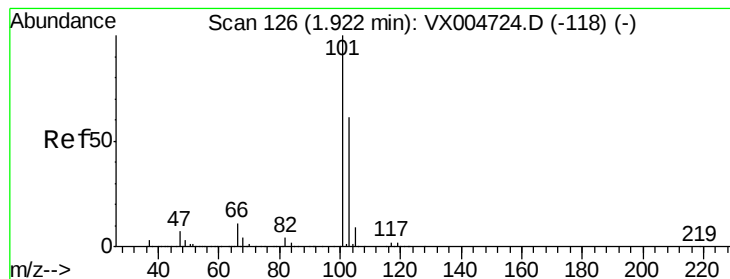
10000

0

Time-->

1.65 1.70 1.75 1.80



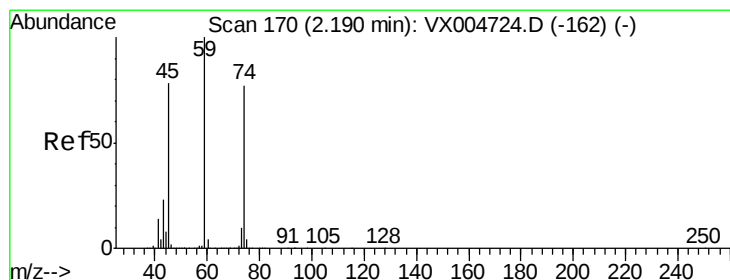
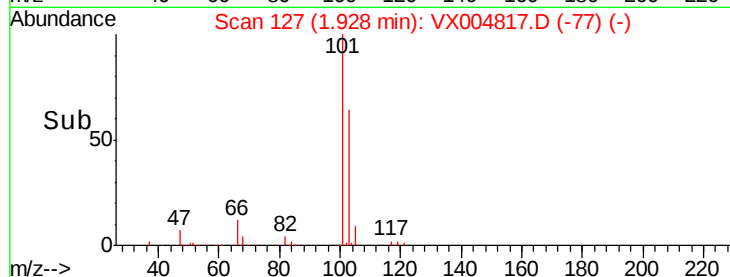
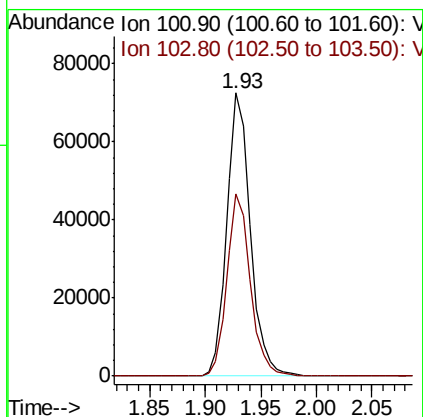
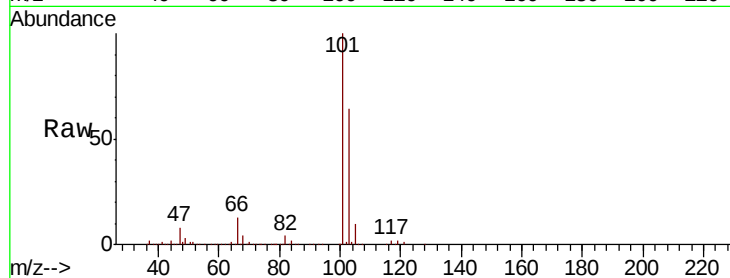


#7

Trichlorofluoromethane  
 Concen: 21.240 ug/l  
 RT: 1.93 min Scan# 127  
 Delta R.T. 0.01 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

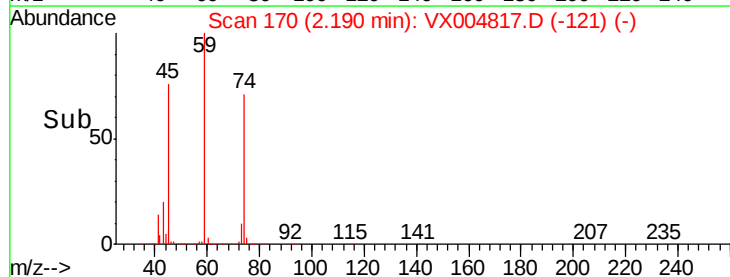
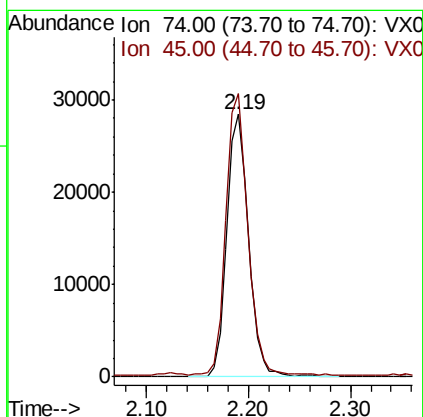
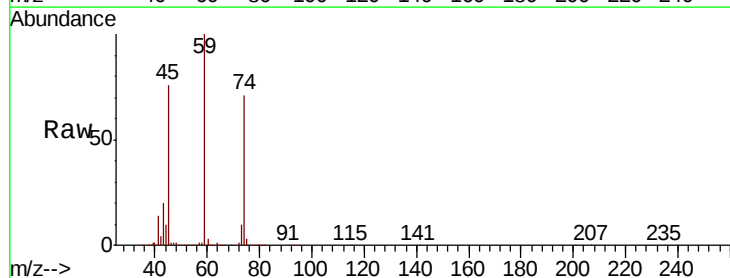
Tot Ion:101 Resp: 106343  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 48.9 73.3

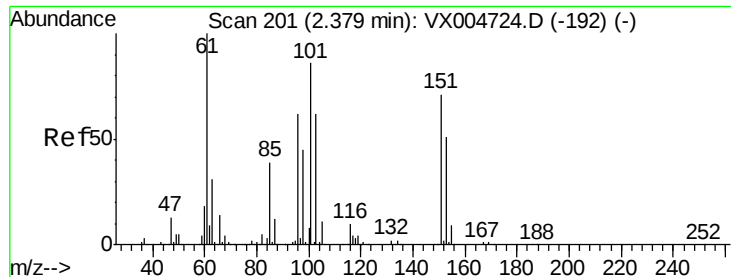


#8

Diethyl Ether  
 Concen: 19.290 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Tgt Ion: 74 Resp: 41958  
 Ion Ratio Lower Upper  
 74 100  
 45 107.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.363 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

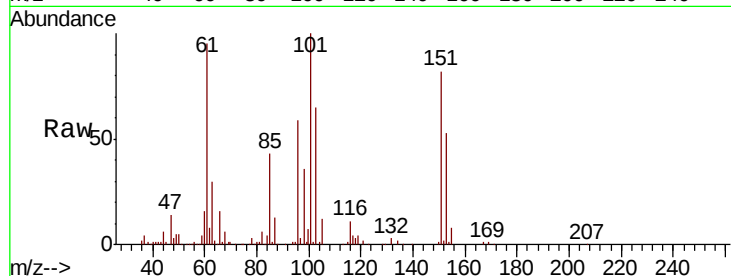
Tot Ion:101 Resp: 60928

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.4

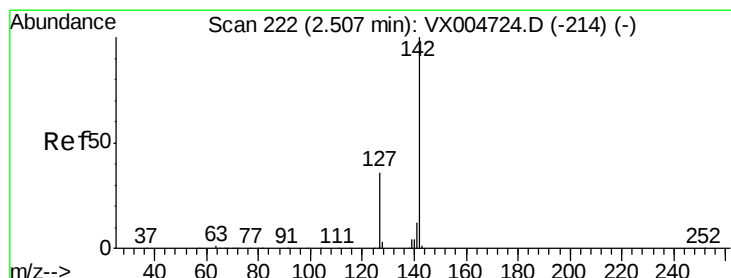
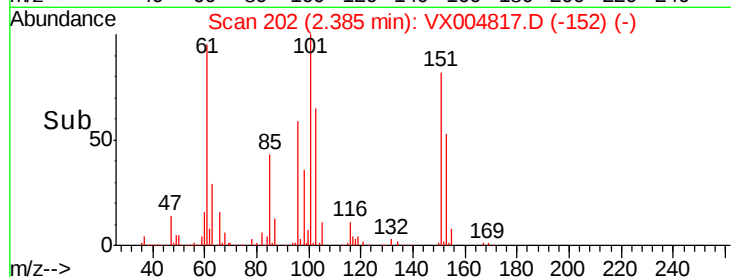
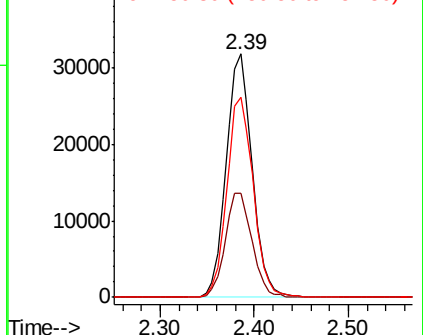
151 83.7 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.446 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

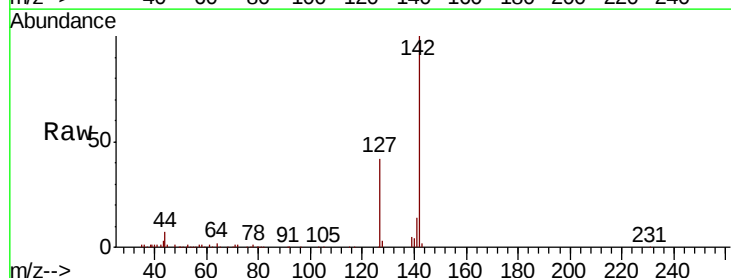
Tgt Ion:142 Resp: 43684

Ion Ratio Lower Upper

142 100

127 42.5 33.8 50.6

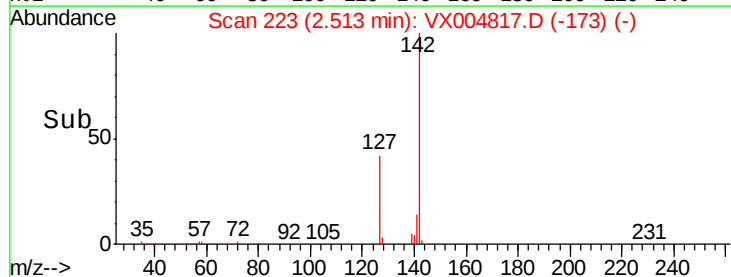
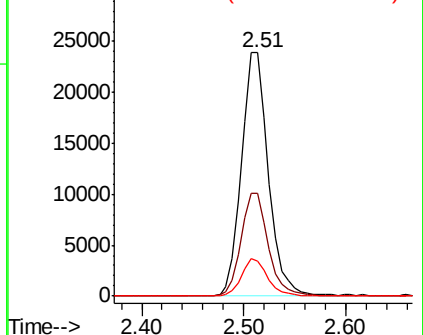
141 15.2 11.4 17.0

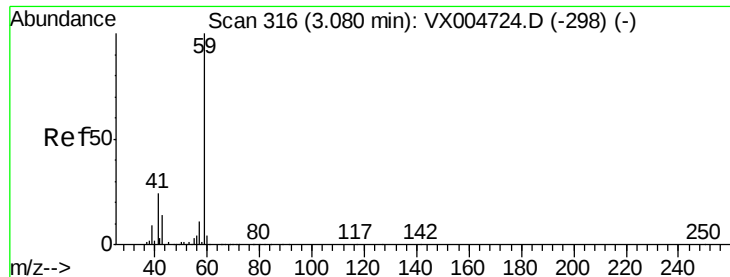


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

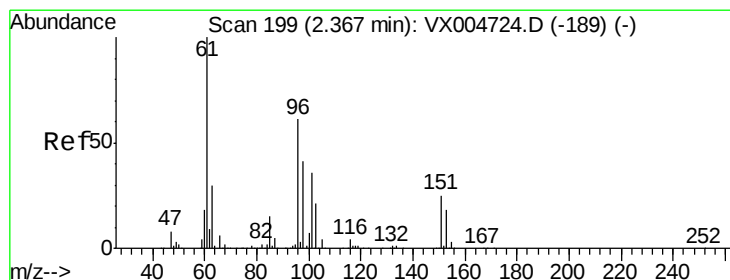
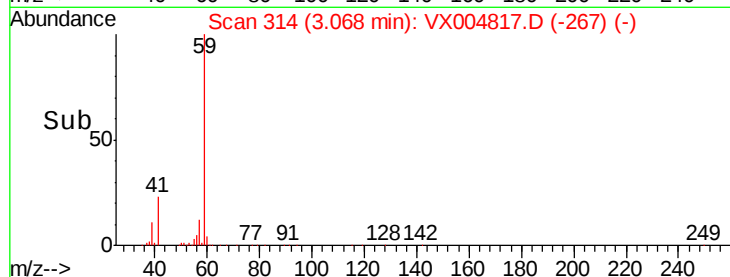
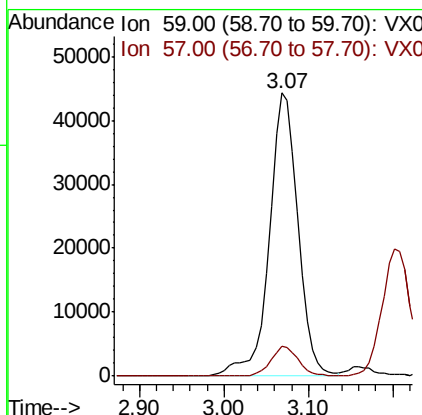
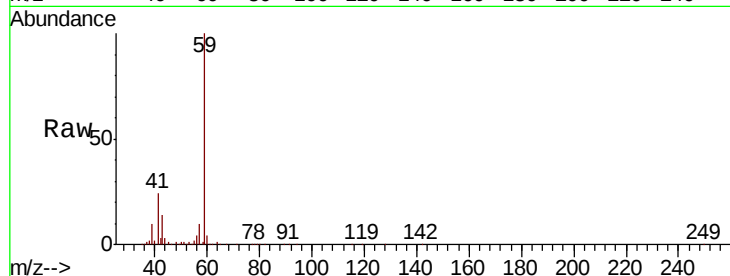




#11  
Tert butyl alcohol  
Concen: 100.670 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

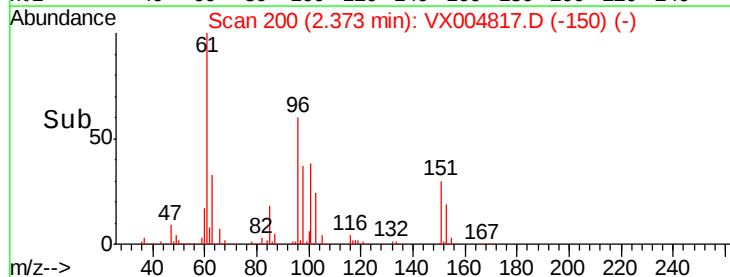
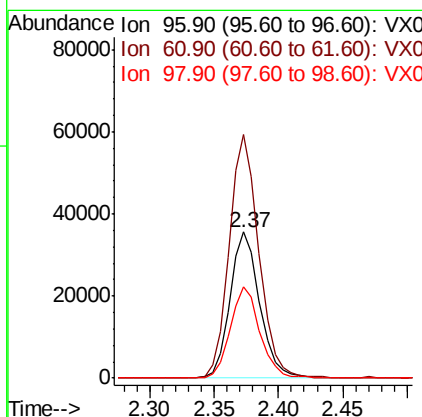
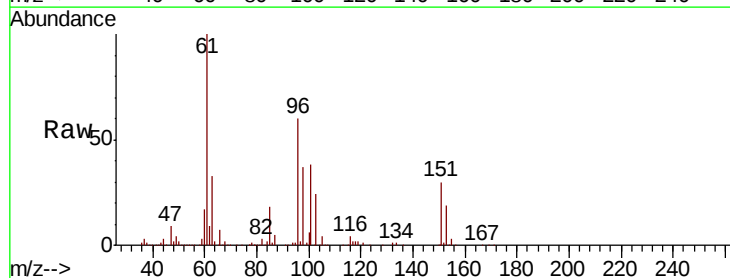
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0928WBS01

Tot Ion: 59 Resp: 104815  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 20.166 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.01 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion: 96 Resp: 56958  
Ion Ratio Lower Upper  
96 100  
61 167.0 128.8 193.2  
98 62.3 52.2 78.2





#13

Acrolein

Concen: 70.939 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

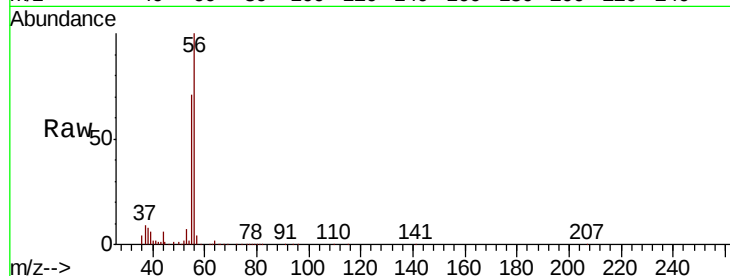
VX0928WBS01

Tot Ion: 56 Resp: 52551

Ion Ratio Lower Upper

56 100

55 70.6 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

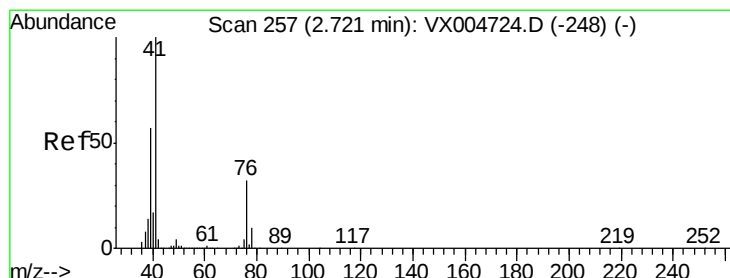
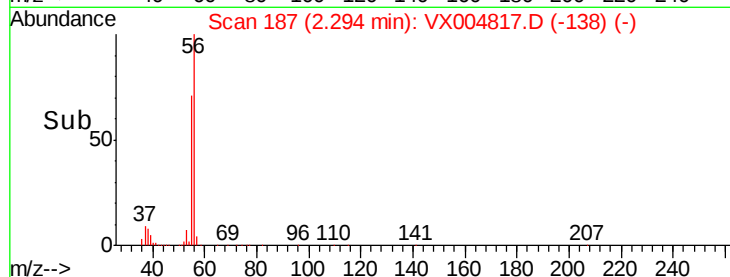
20000

10000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 20.115 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

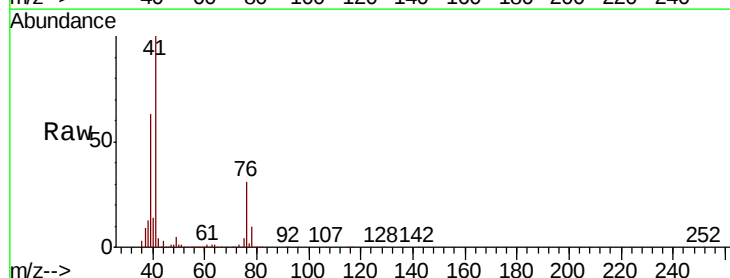
Tgt Ion: 41 Resp: 123964

Ion Ratio Lower Upper

41 100

39 59.0 48.9 73.3

76 29.2 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

60000

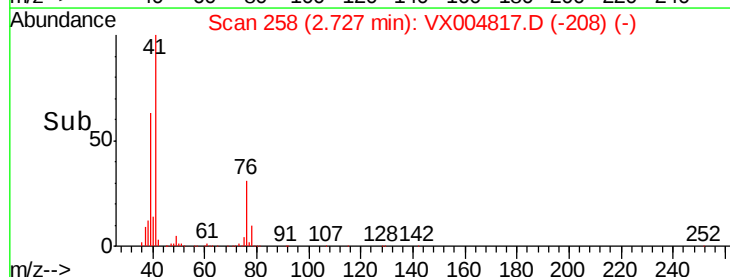
40000

20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 94.806 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

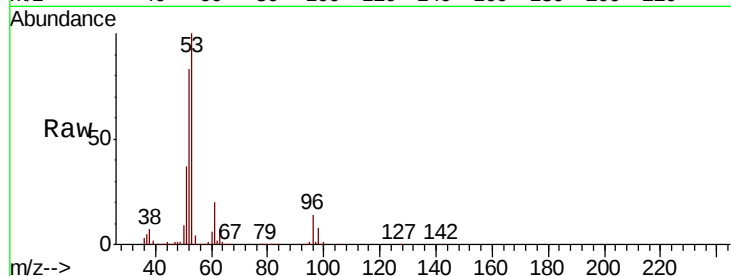
Tot Ion: 53 Resp: 217299

Ion Ratio Lower Upper

53 100

52 83.2 65.2 97.8

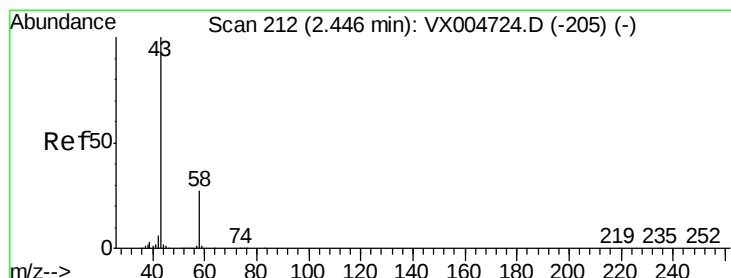
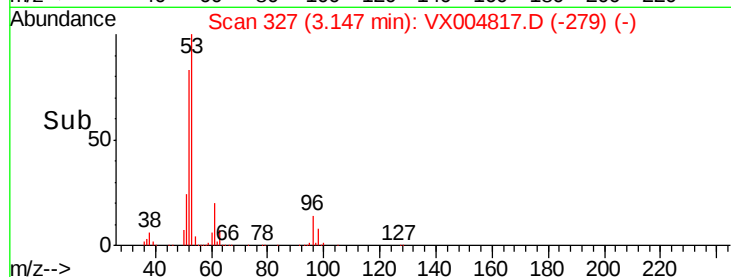
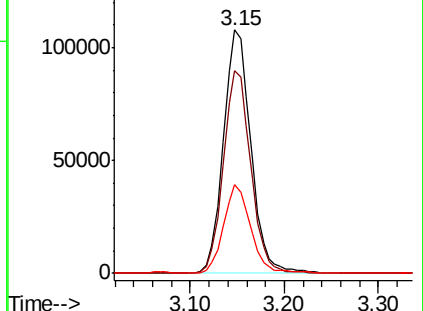
51 35.7 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.803 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004817.D

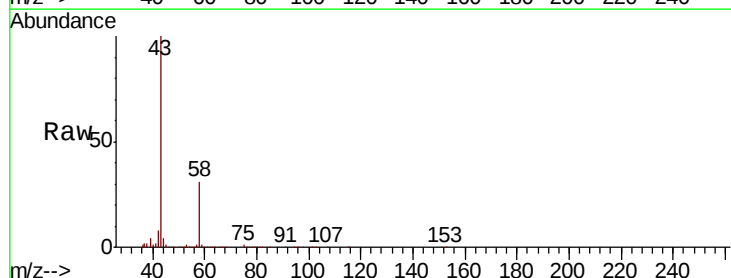
Acq: 28 Sep 2018 13:25

Tgt Ion: 43 Resp: 212619

Ion Ratio Lower Upper

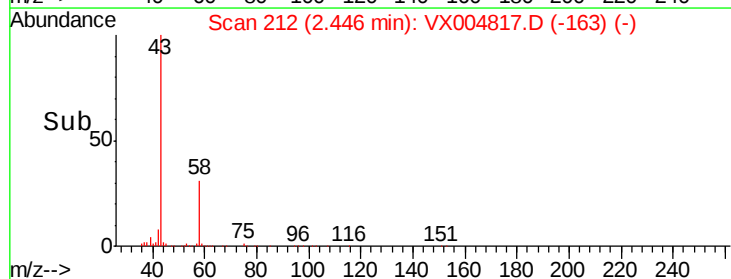
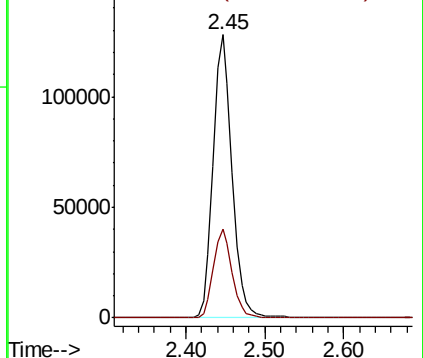
43 100

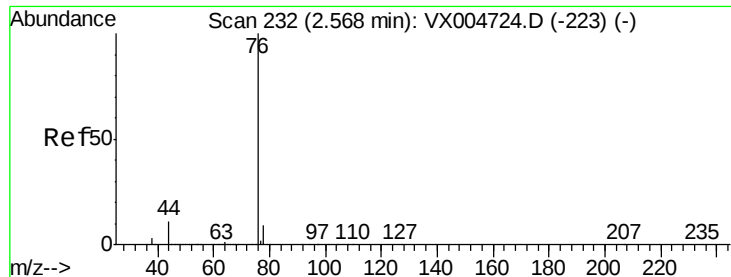
58 31.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

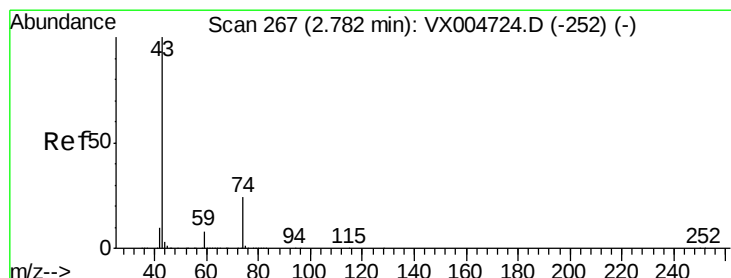
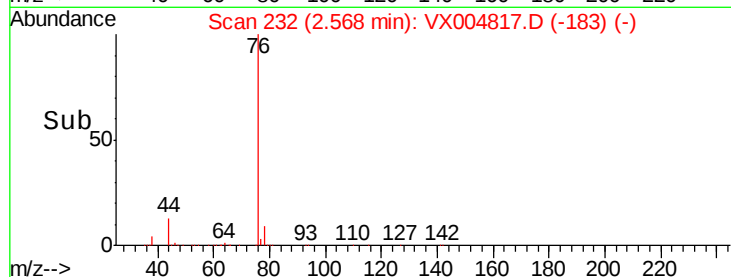
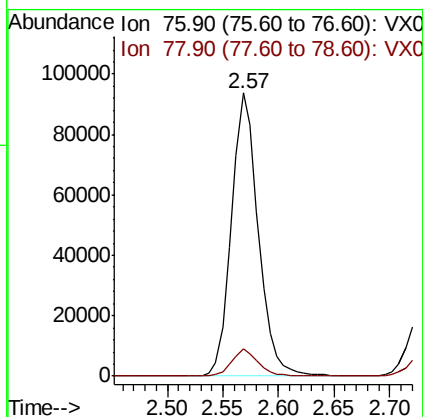
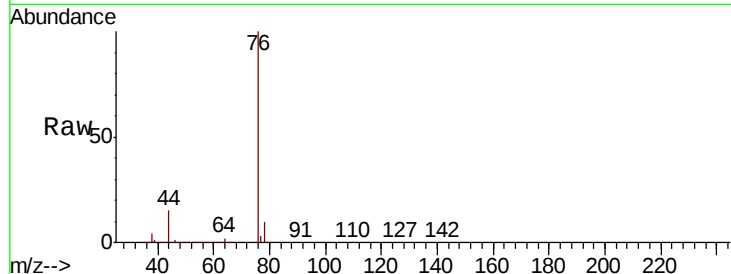




#17  
Carbon Disulfide  
Concen: 18.518 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

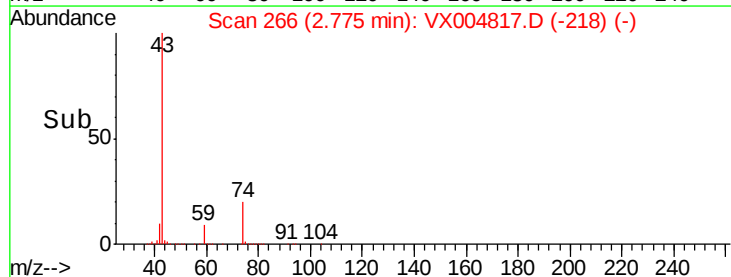
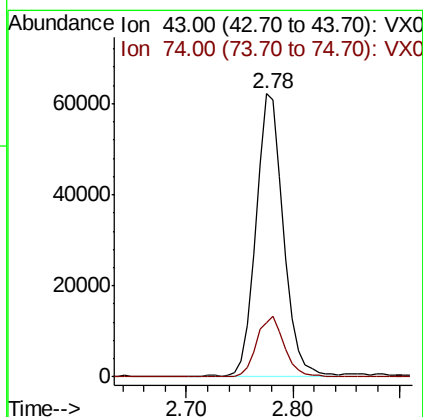
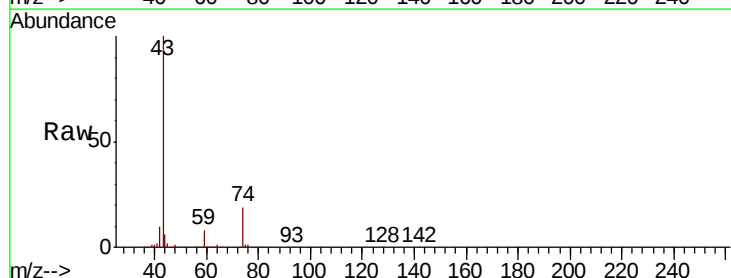
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0928WBS01

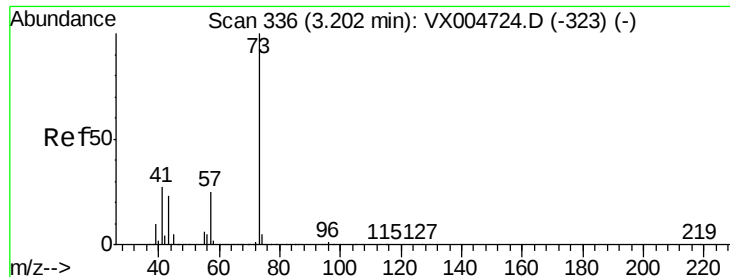
Tot Ion: 76 Resp: 157164  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.0 10.6



#18  
Methyl Acetate  
Concen: 20.280 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion: 43 Resp: 111699  
Ion Ratio Lower Upper  
43 100  
74 20.9 19.4 29.2



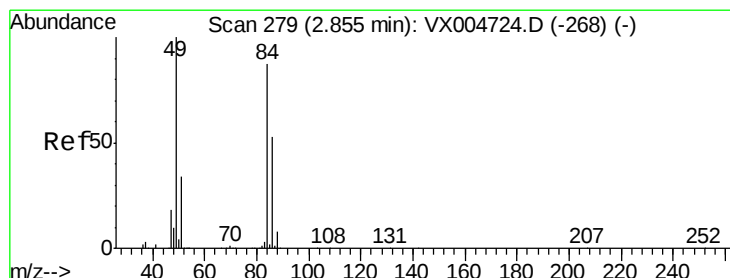
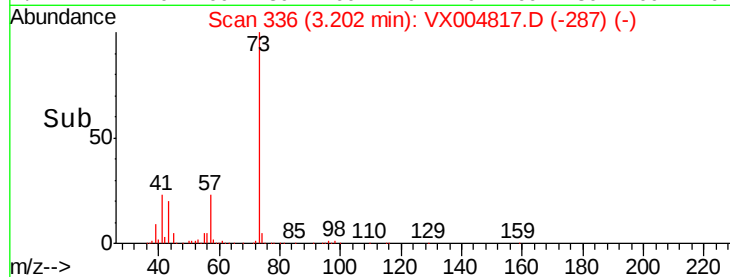
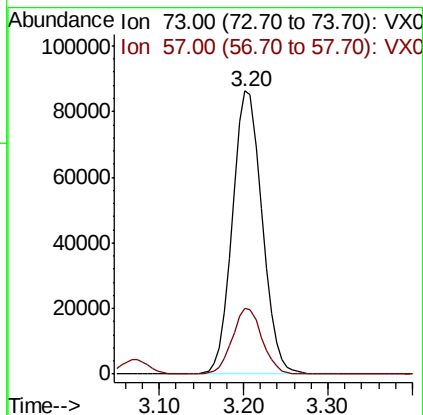
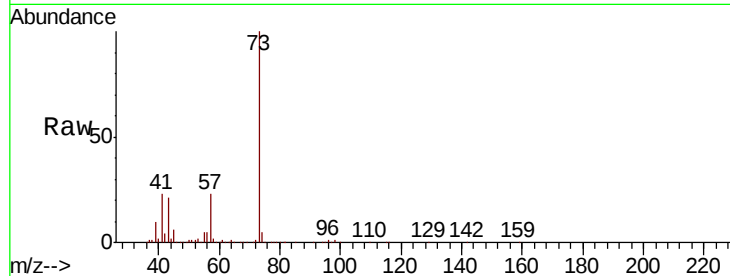


#19

Methyl tert-butyl Ether  
 Concen: 21.113 ug/l  
 RT: 3.20 min Scan# 336  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

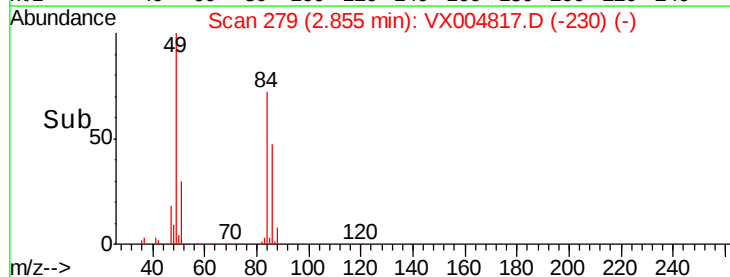
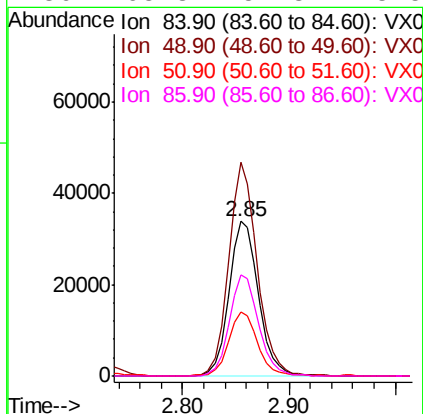
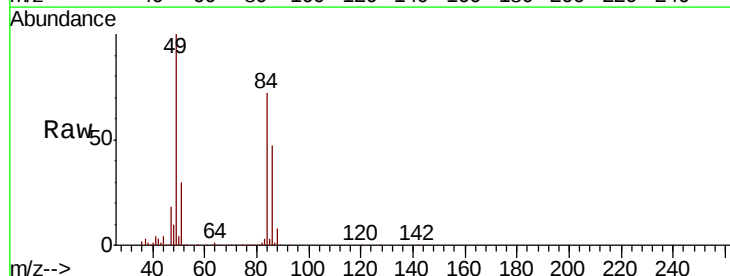
Tot Ion: 73 Resp: 205698  
 Ion Ratio Lower Upper  
 73 100  
 57 23.2 17.1 25.7

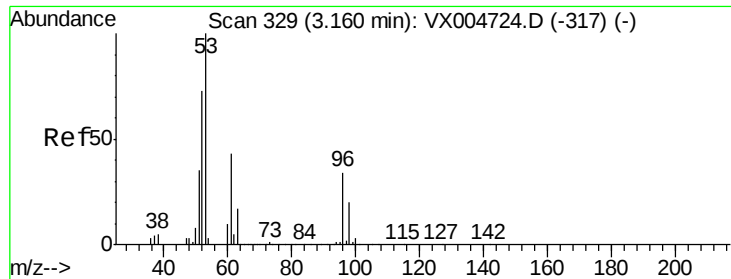


#20

Methylene Chloride  
 Concen: 20.289 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. 0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Tgt Ion: 84 Resp: 65708  
 Ion Ratio Lower Upper  
 84 100  
 49 138.2 101.2 151.8  
 51 41.2 29.5 44.3  
 86 65.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.939 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

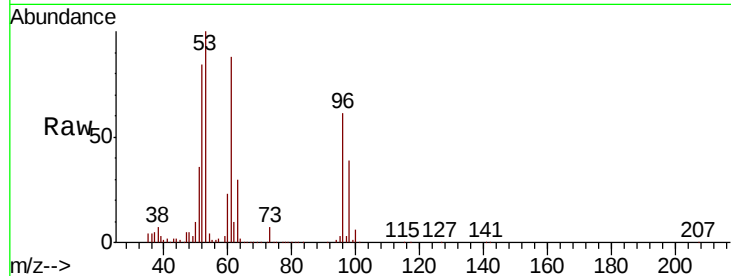
Tot Ion: 96 Resp: 61650

Ion Ratio Lower Upper

96 100

61 145.0 113.8 170.6

98 64.5 51.8 77.8

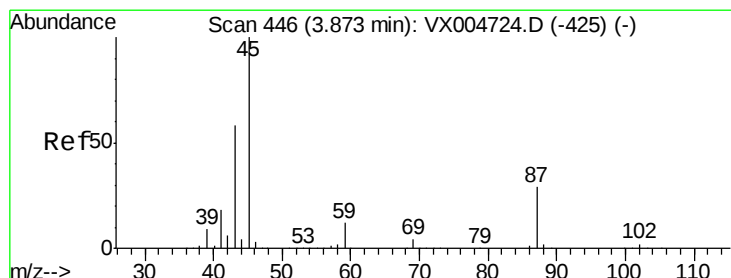
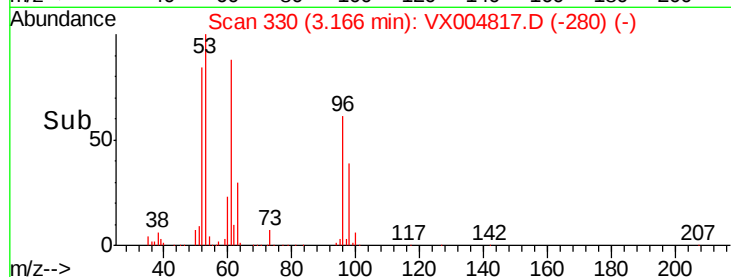
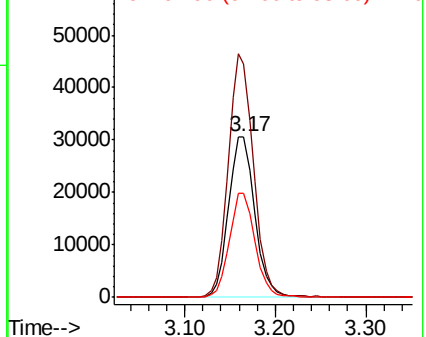


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.336 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Tgt Ion: 45 Resp: 211040

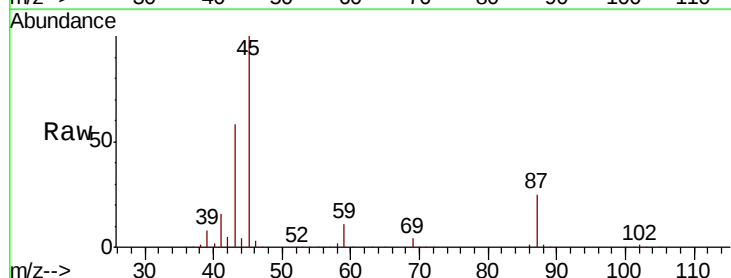
Ion Ratio Lower Upper

45 100

43 57.1 42.8 64.2

87 24.9 22.6 34.0

59 11.5 9.6 14.4



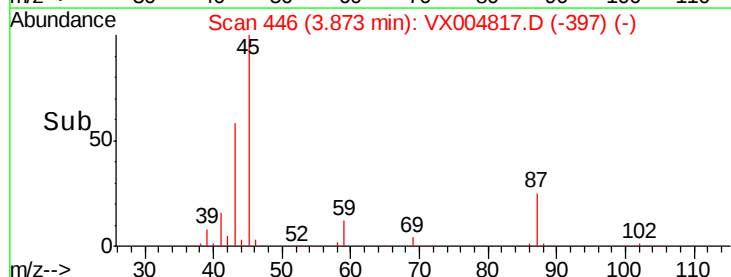
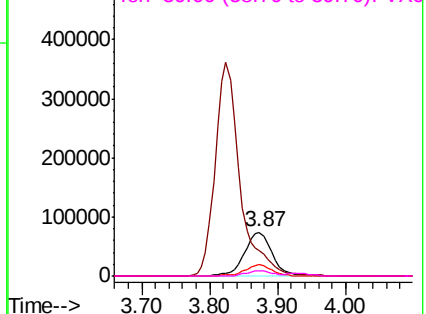
Abundance

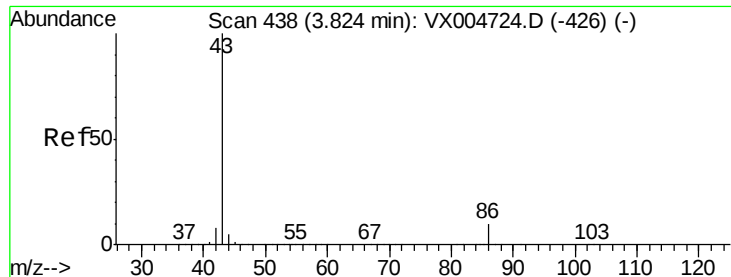
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 96.840 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

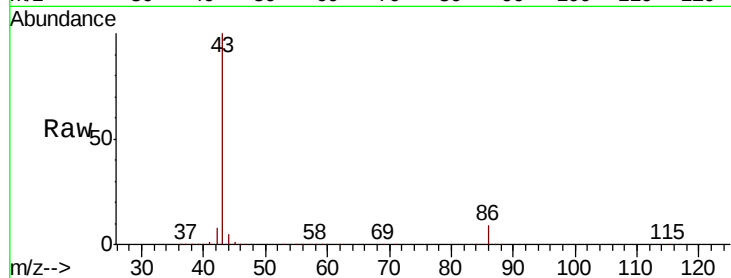
VX0928WBS01

Tot Ion: 43 Resp: 919894

Ion Ratio Lower Upper

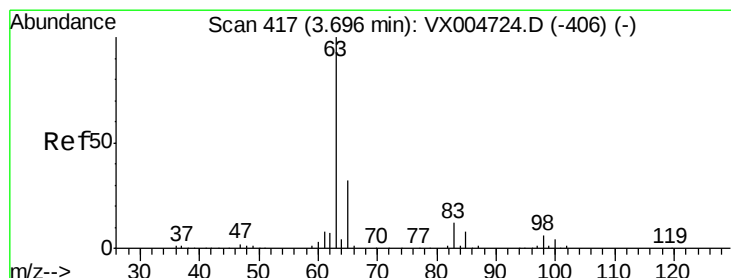
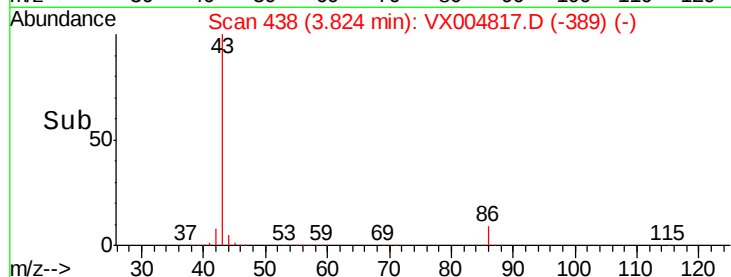
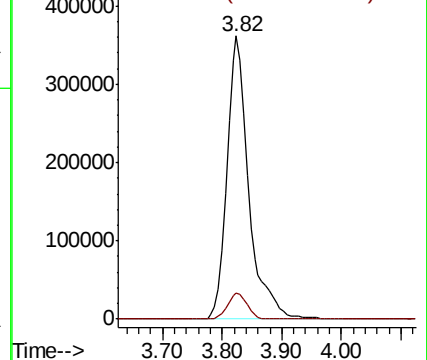
43 100

86 9.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.383 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

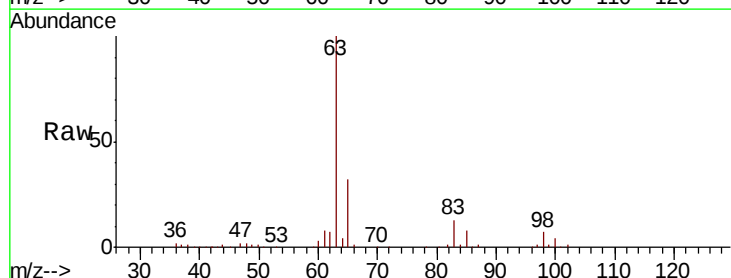
Tgt Ion: 63 Resp: 113795

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

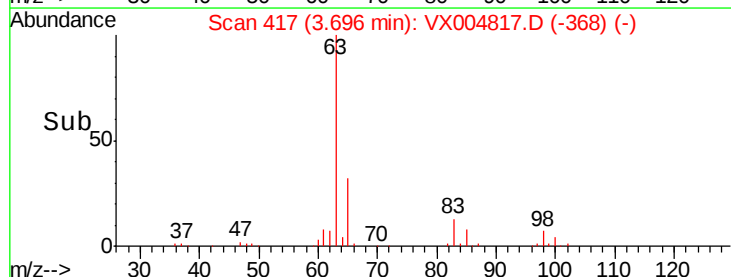
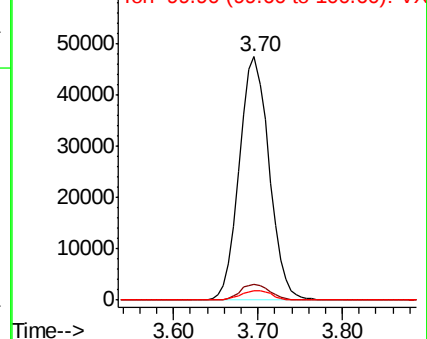
100 3.7 2.4 7.1

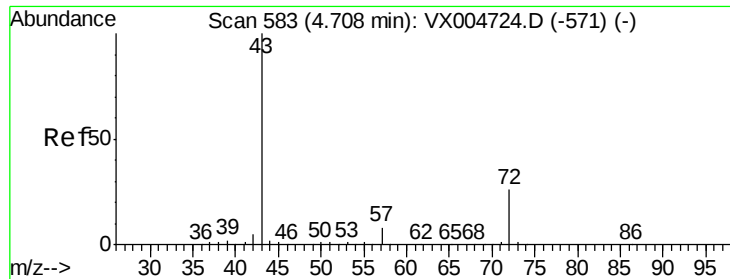


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 94.518 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

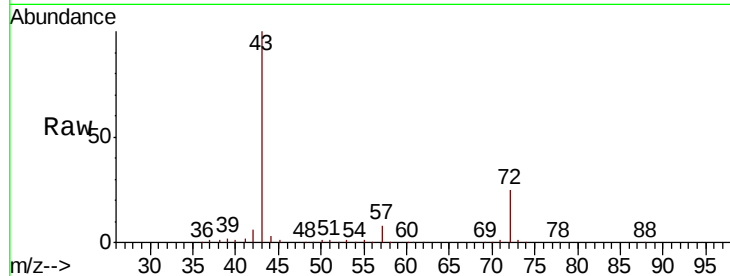
VX0928WBS01

Tot Ion: 43 Resp: 302881

Ion Ratio Lower Upper

43 100

72 25.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

120000

100000

80000

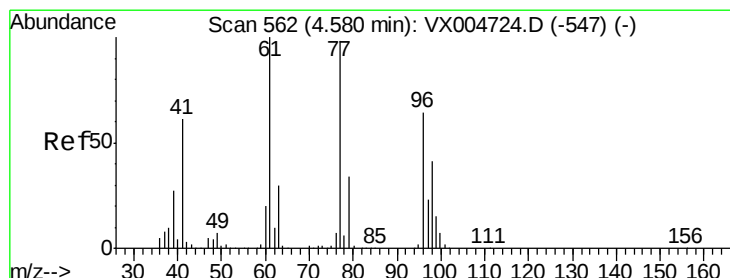
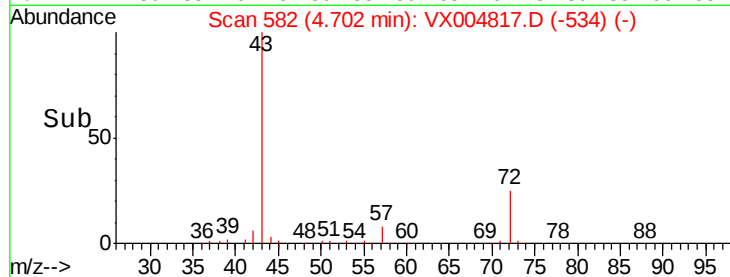
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 20.352 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX004817.D

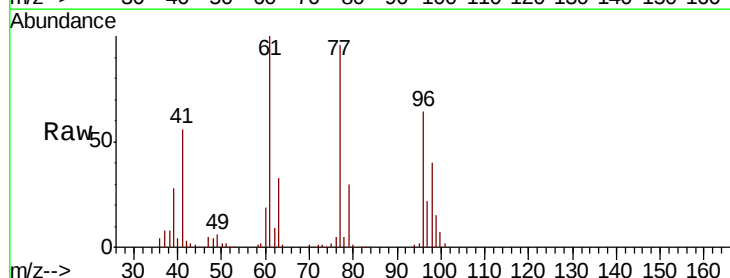
Acq: 28 Sep 2018 13:25

Tgt Ion: 77 Resp: 87732

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

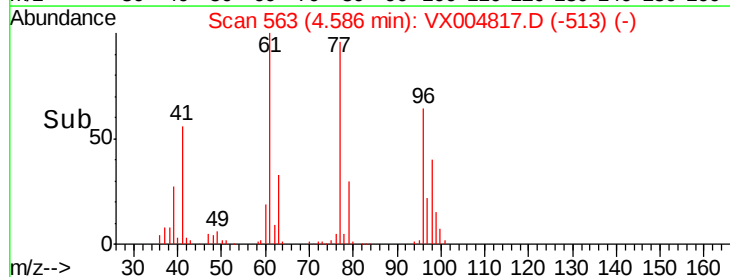
30000

20000

10000

0

Time-->



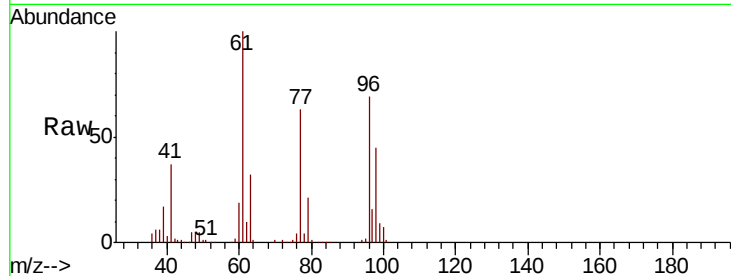


#27

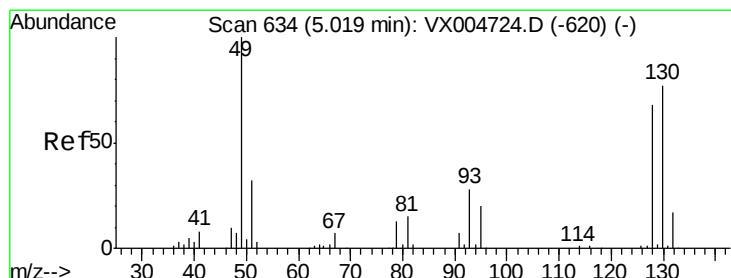
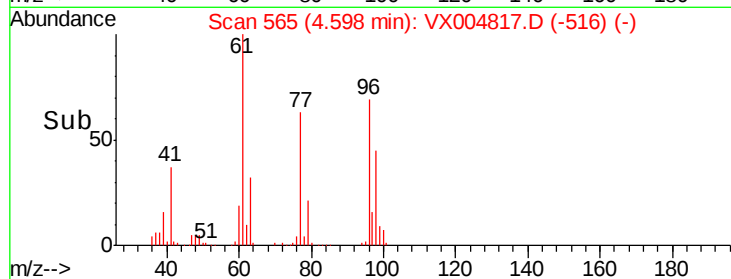
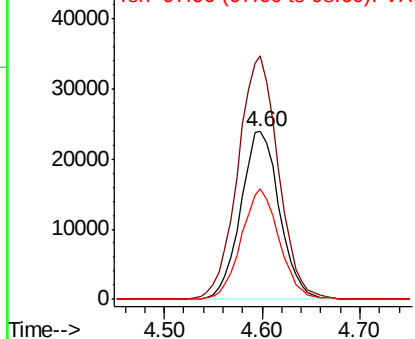
cis-1,2-Dichloroethene  
Concen: 19.067 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0928WBS01

Tot Ion: 96 Resp: 65859  
Ion Ratio Lower Upper  
96 100  
61 151.7 0.0 282.6  
98 64.5 0.0 130.2



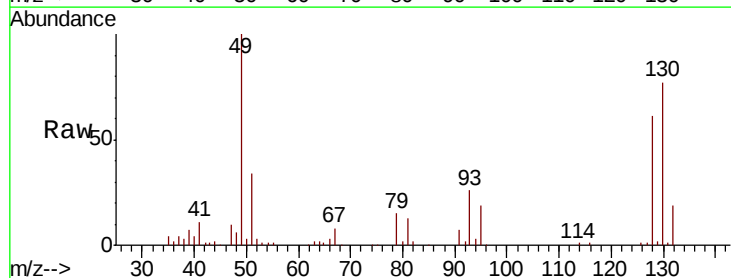
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



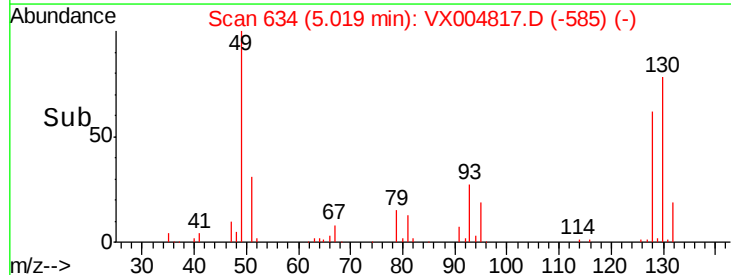
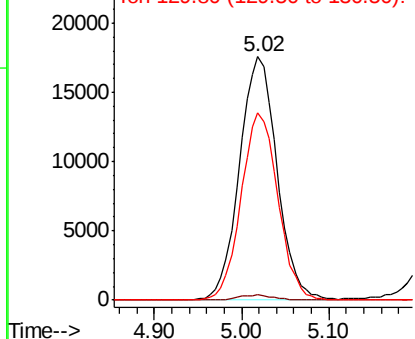
#28

Bromochloromethane  
Concen: 17.991 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion: 49 Resp: 52446  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 4.2  
130 75.2 67.5 101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 96.889 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

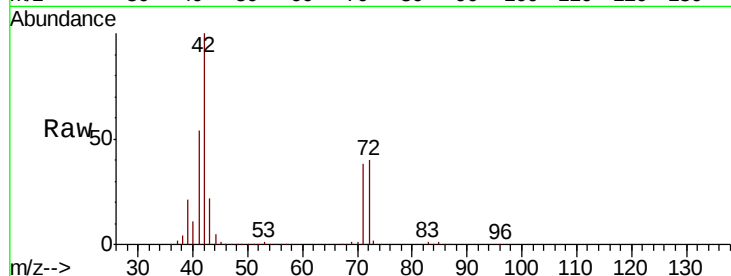
Tot Ion: 42 Resp: 192973

Ion Ratio Lower Upper

42 100

72 40.8 37.4 56.0

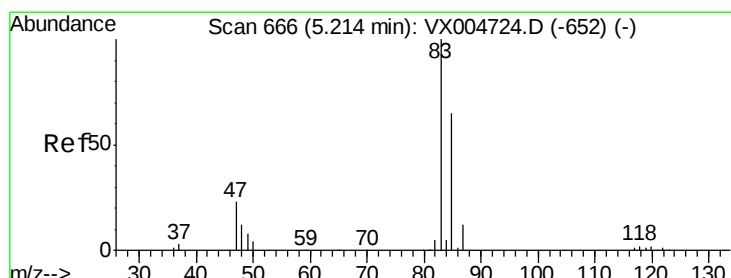
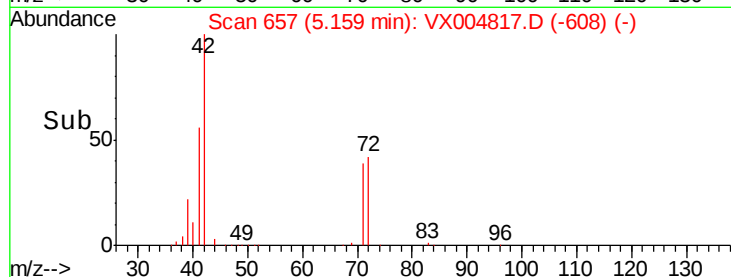
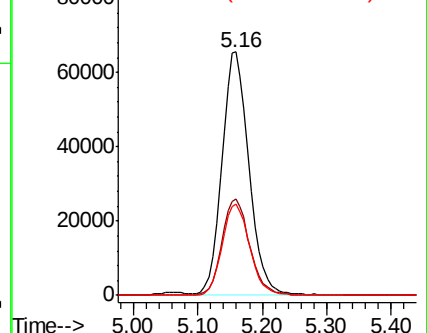
71 38.4 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.848 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004817.D

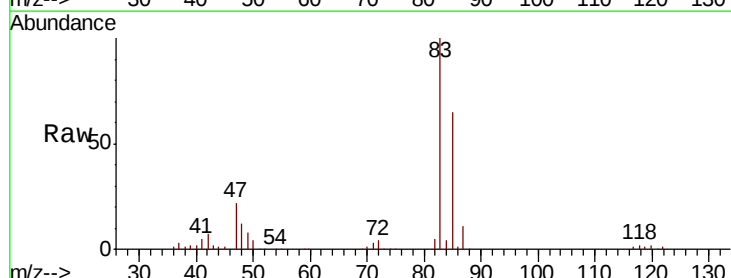
Acq: 28 Sep 2018 13:25

Tgt Ion: 83 Resp: 110272

Ion Ratio Lower Upper

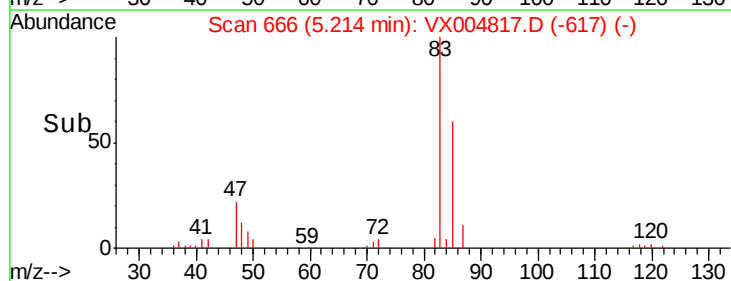
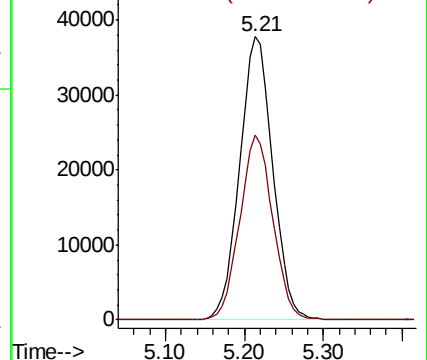
83 100

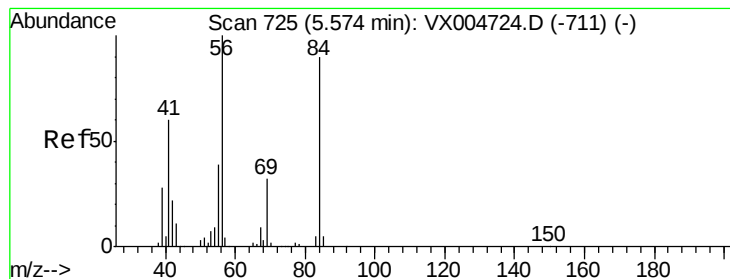
85 65.1 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 21.974 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

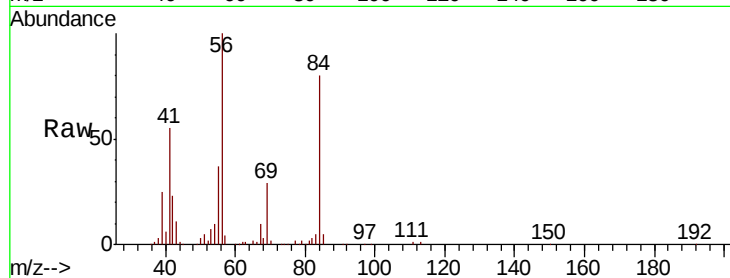
Tot Ion: 56 Resp: 104109

Ion Ratio Lower Upper

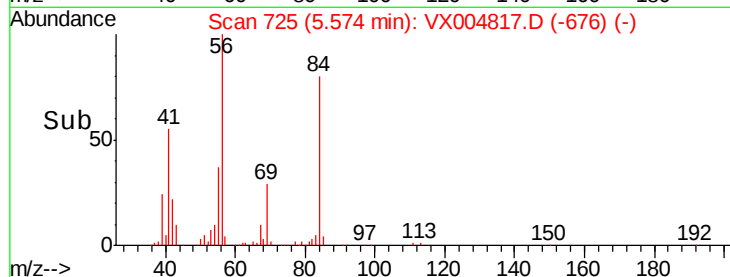
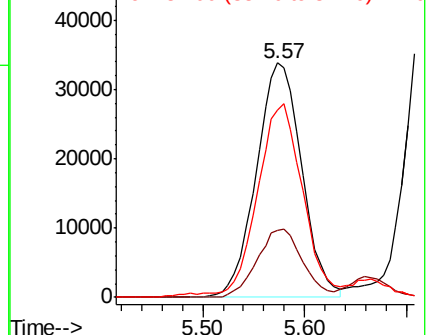
56 100

69 28.7 25.4 38.2

84 78.6 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.294 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

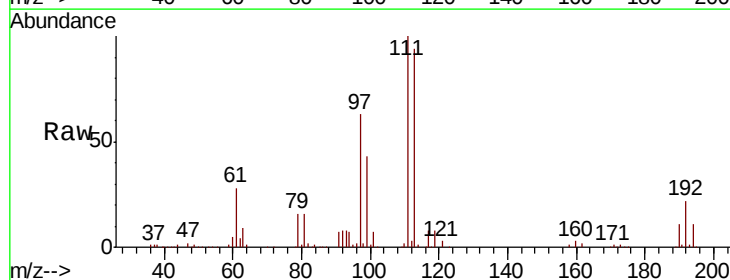
Tgt Ion: 97 Resp: 92184

Ion Ratio Lower Upper

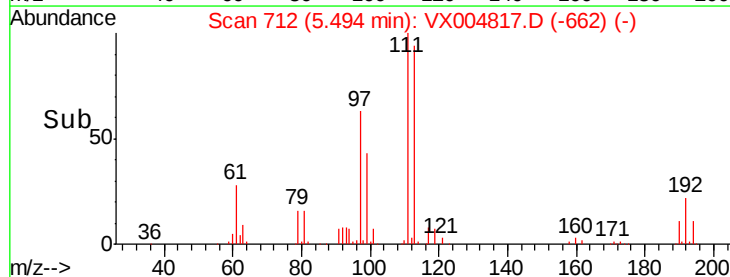
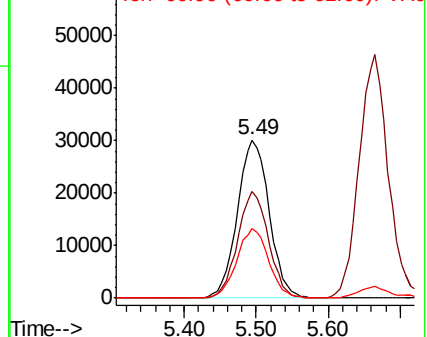
97 100

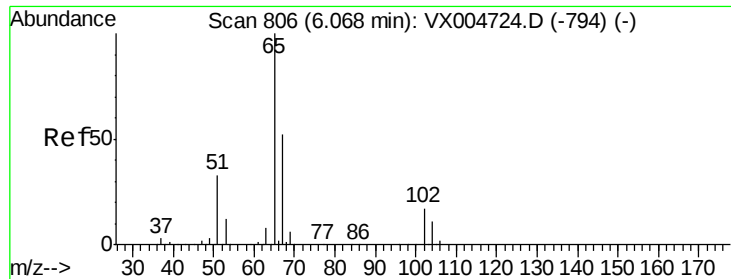
99 65.7 52.0 78.0

61 44.5 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0

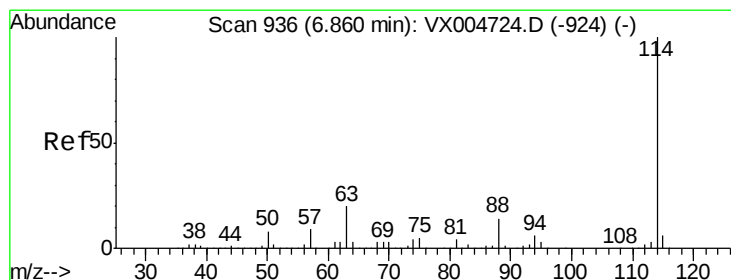
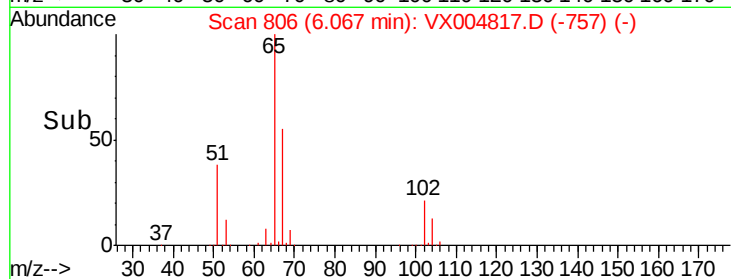
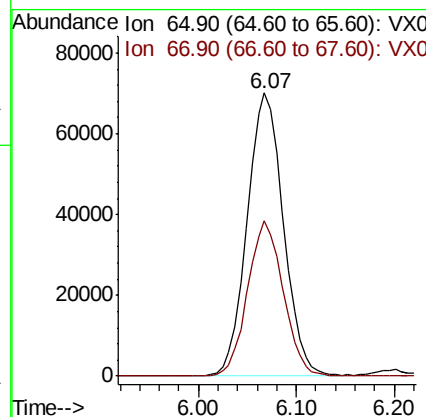
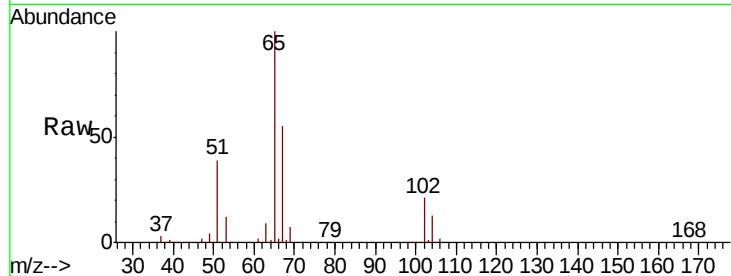




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.412 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

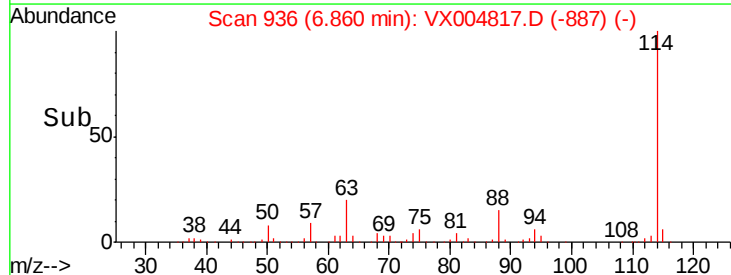
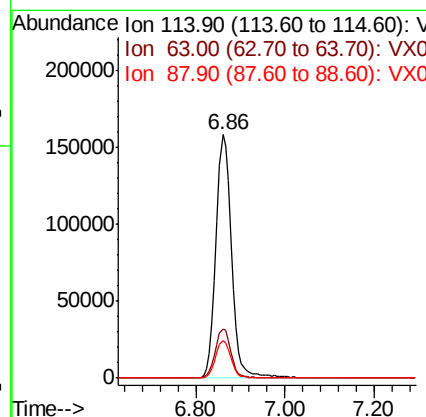
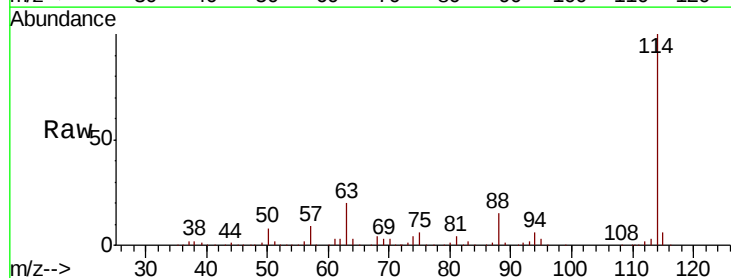
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

Tot Ion: 65 Resp: 180270  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Tgt Ion: 114 Resp: 384652  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 39.0  
 88 15.2 0.0 30.4

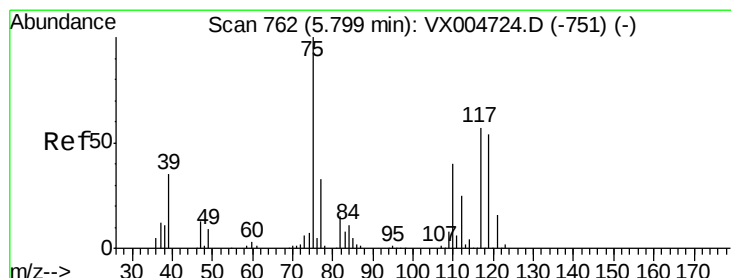
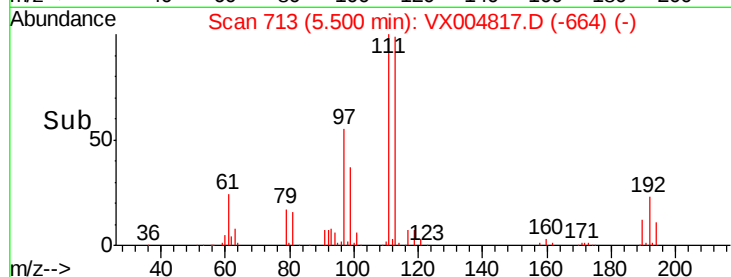
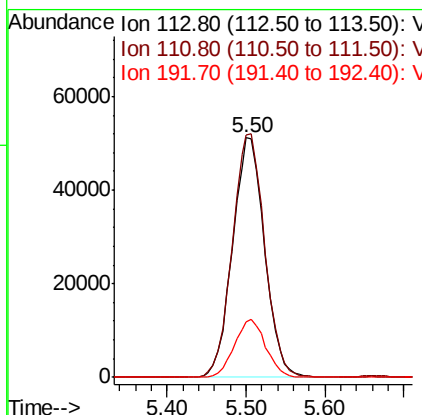
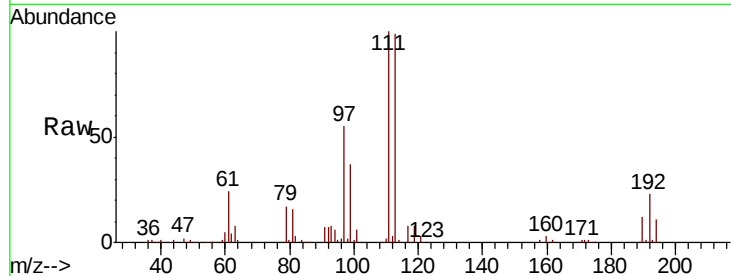




#35  
 Dibromofluoromethane  
 Concen: 44.351 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

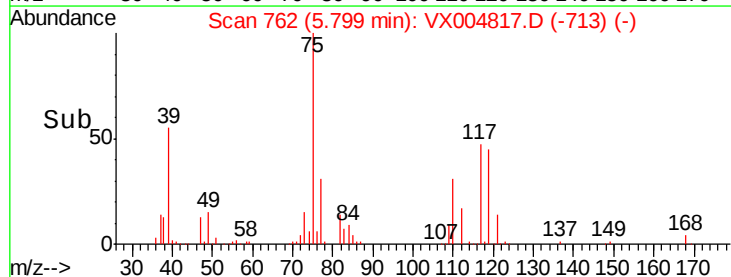
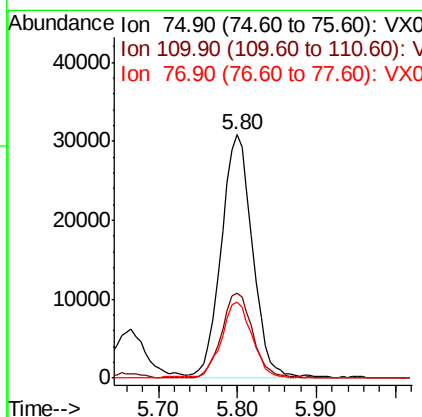
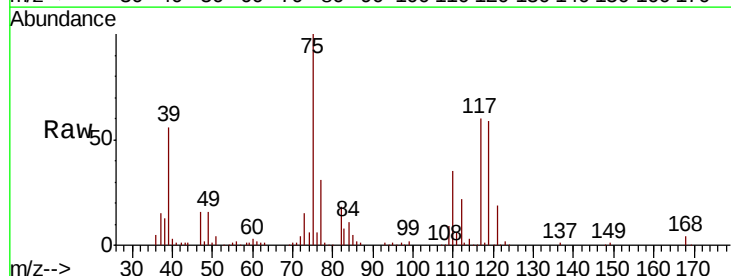
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

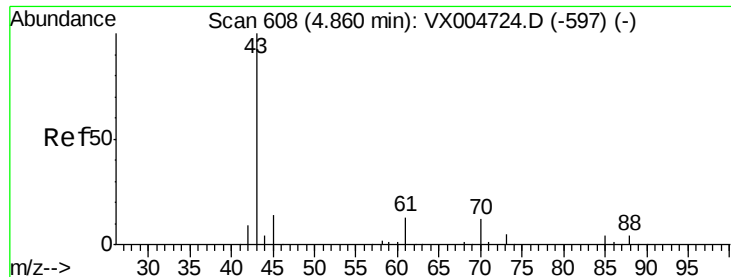
Tot Ion:113 Resp: 144582  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 82.4 123.6  
 192 23.7 19.4 29.2



#36  
 1,1-Dichloropropene  
 Concen: 18.876 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Tgt Ion: 75 Resp: 83956  
 Ion Ratio Lower Upper  
 75 100  
 110 35.6 18.0 54.0  
 77 30.3 24.6 36.8





#37

Ethyl Acetate

Concen: 17.963 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampled :

VX0928WBS01

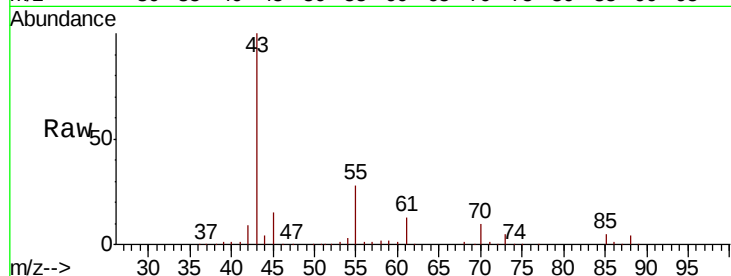
Tot Ion: 43 Resp: 106052

Ion Ratio Lower Upper

43 100

61 14.0 11.5 17.3

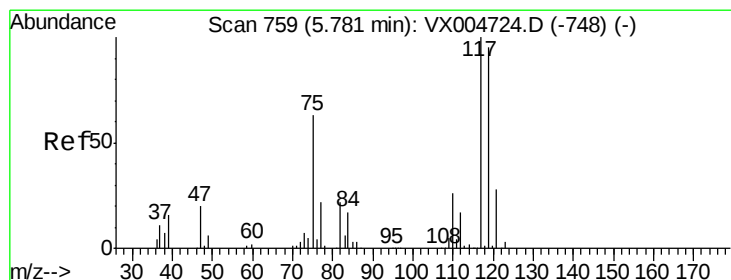
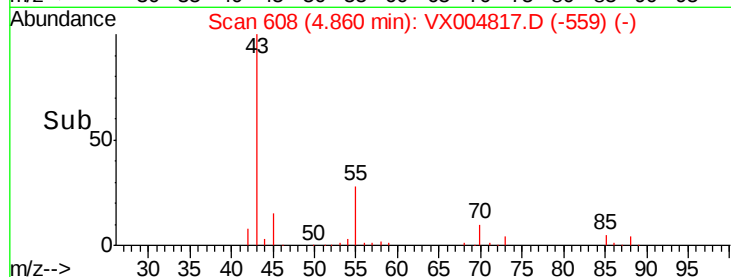
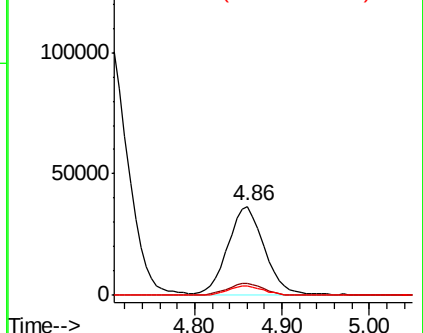
70 10.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.351 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

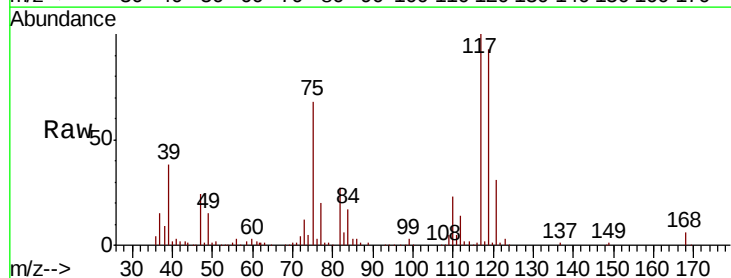
Tgt Ion: 117 Resp: 81125

Ion Ratio Lower Upper

117 100

119 92.7 78.8 118.2

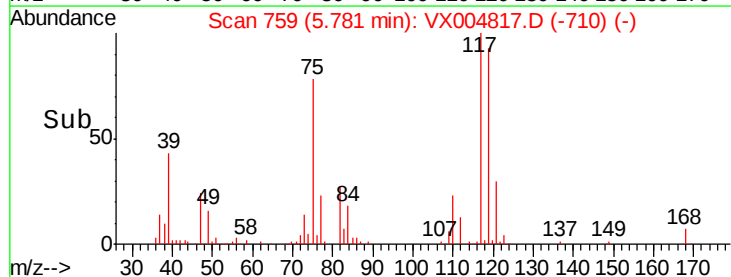
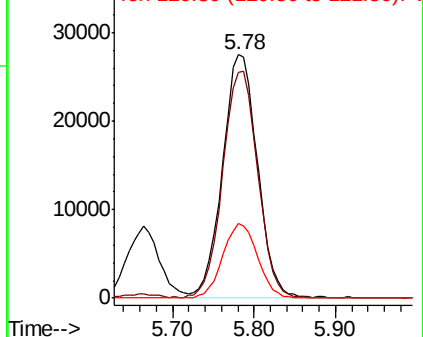
121 30.7 24.9 37.3

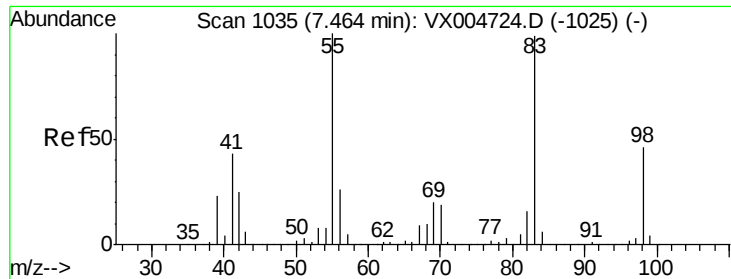


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

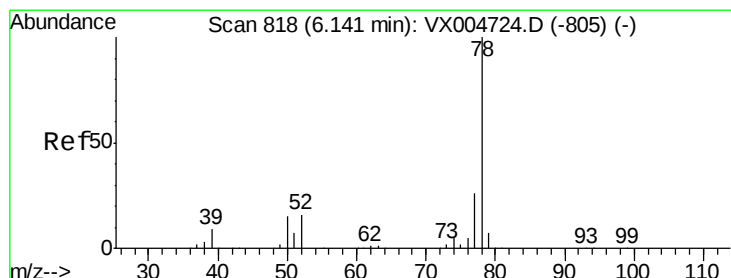
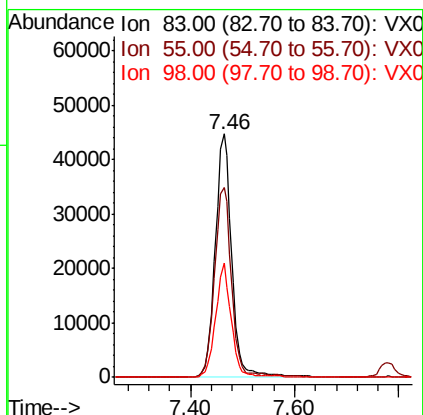
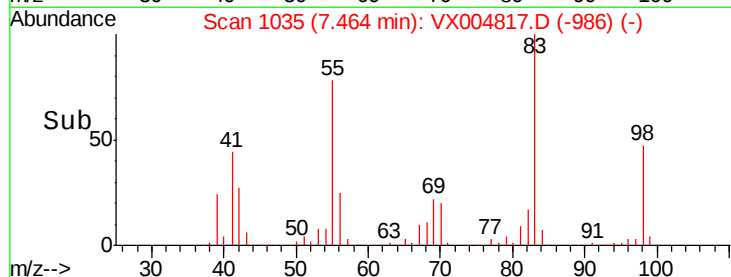
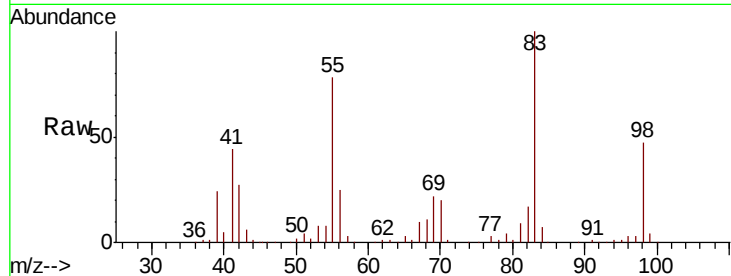




#39  
Methvlcvclohexane  
Concen: 22.200 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

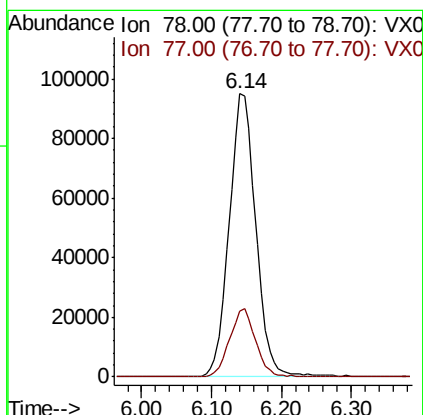
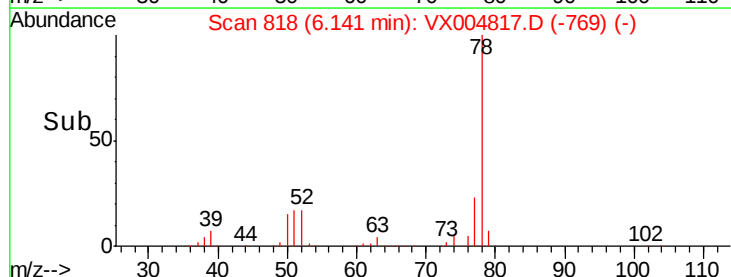
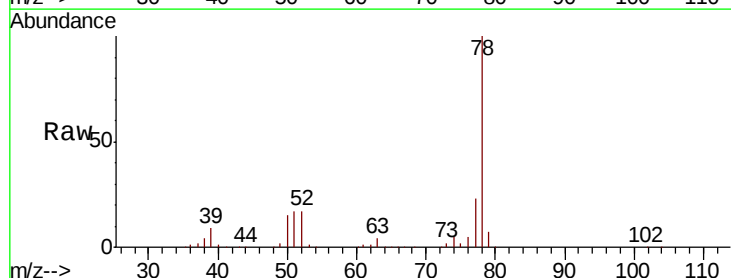
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0928WBS01

Tot Ion: 83 Resp: 100824  
Ion Ratio Lower Upper  
83 100  
55 77.7 61.0 91.4  
98 46.7 39.6 59.4



#40  
Benzene  
Concen: 18.100 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion: 78 Resp: 252040  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.0 28.4

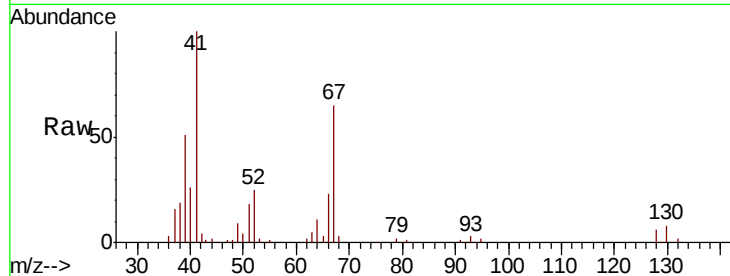




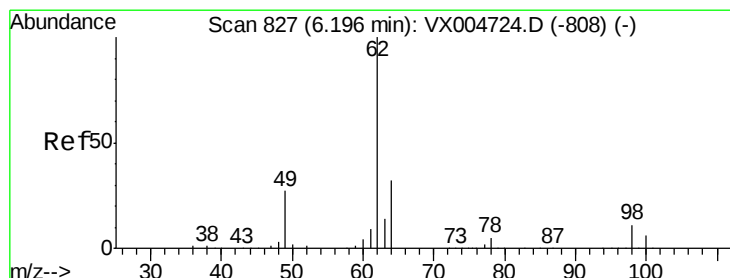
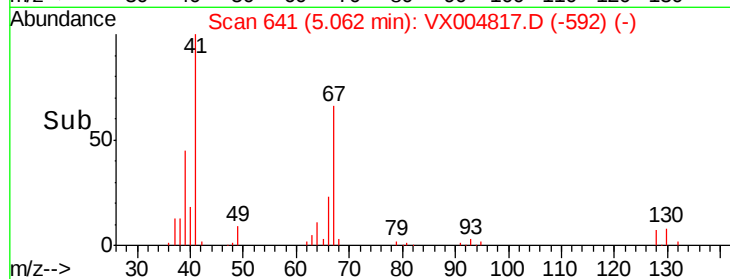
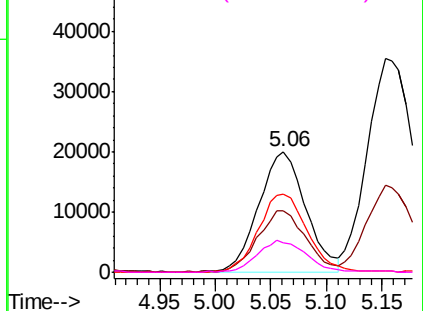
#41  
Methacrylonitrile  
Concen: 17.972 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0928WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 58844 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.8  | 42.4  | 63.6  |
| 67       | 67.7  | 59.2  | 88.8  |
| 52       | 27.2  | 23.0  | 34.4  |

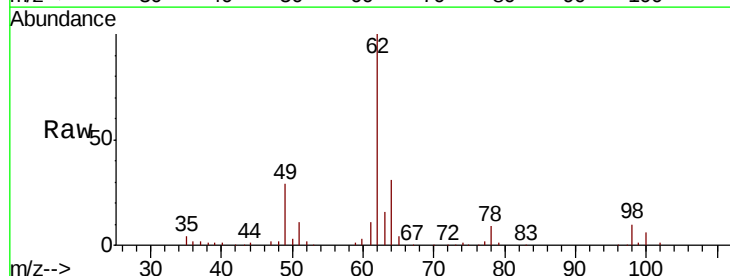


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

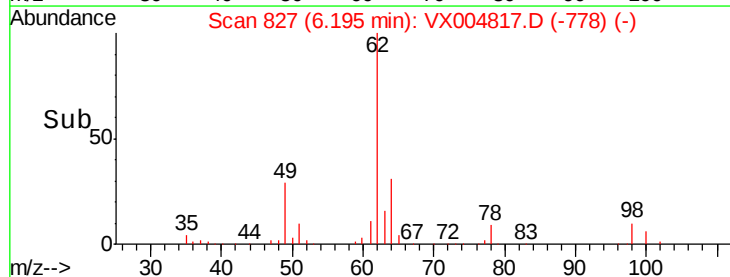
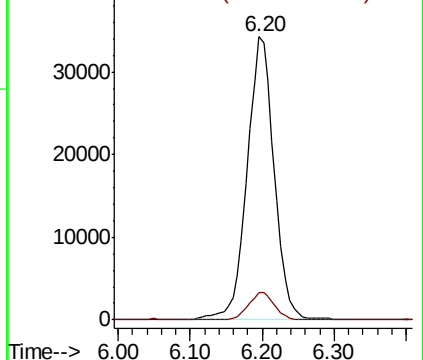


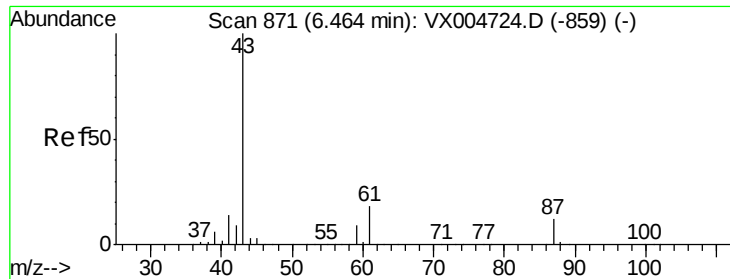
#42  
1,2-Dichloroethane  
Concen: 18.005 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 88628 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.3   | 0.0   | 20.6  |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.371 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

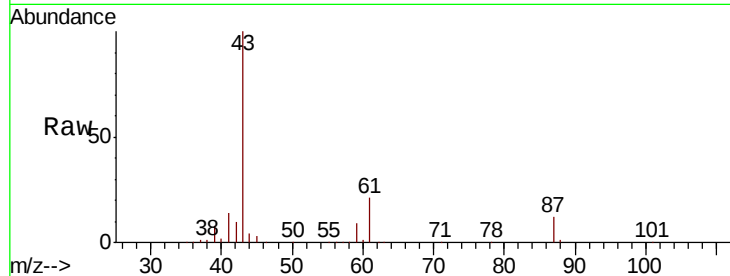
Tot Ion: 43 Resp: 156547

Ion Ratio Lower Upper

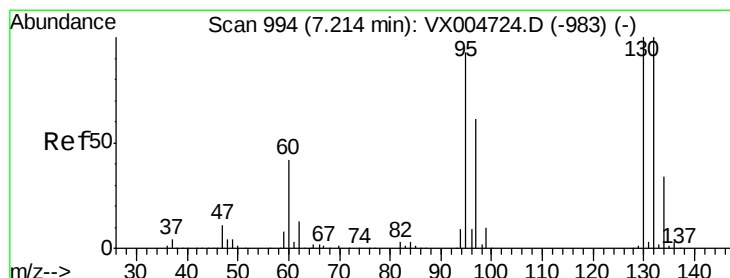
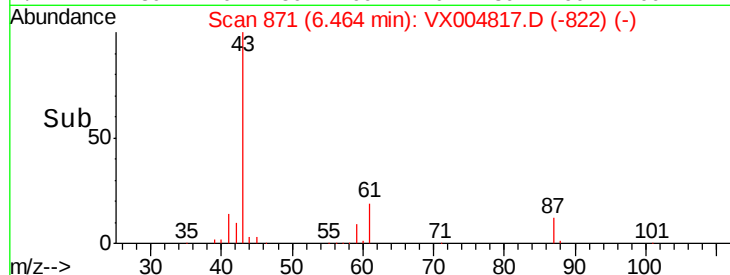
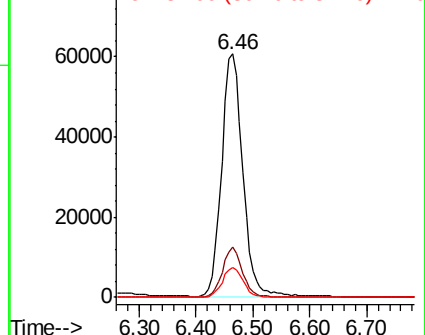
43 100

61 19.3 17.0 25.4

87 12.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 61.00 (60.70 to 61.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.539 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004817.D

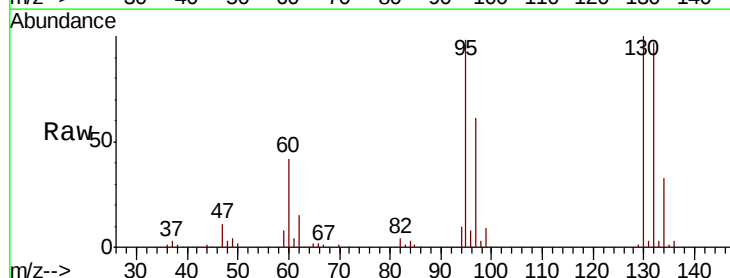
Acq: 28 Sep 2018 13:25

Tgt Ion:130 Resp: 66885

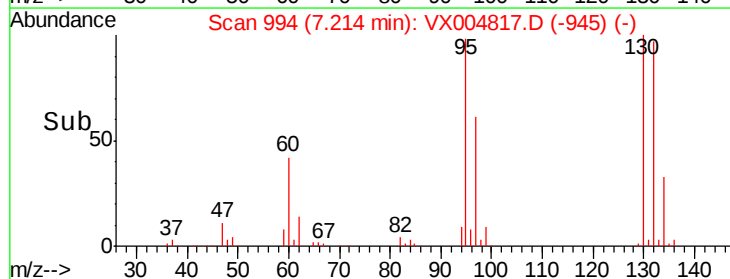
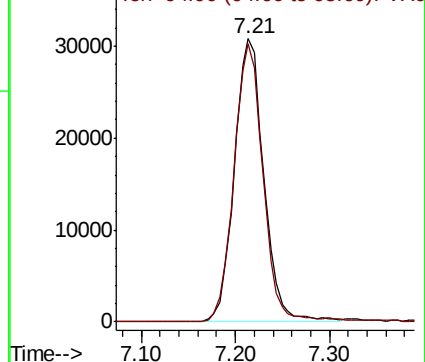
Ion Ratio Lower Upper

130 100

95 98.2 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.226 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

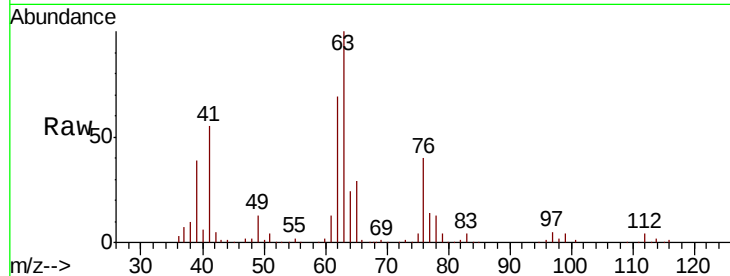
VX0928WBS01

Tot Ion: 63 Resp: 69068

Ion Ratio Lower Upper

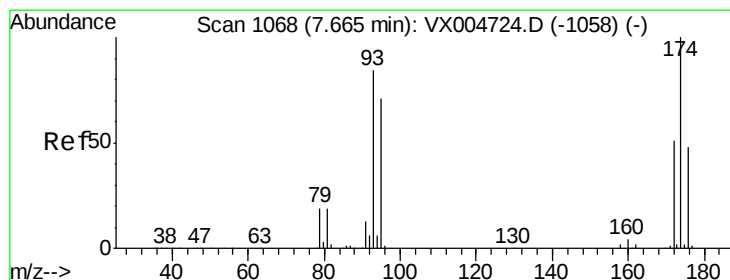
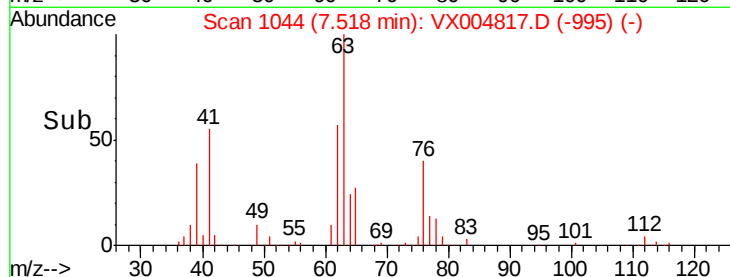
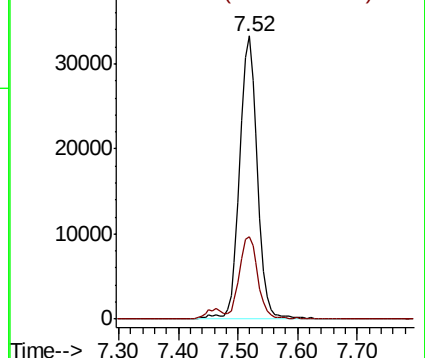
63 100

65 29.1 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.665 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

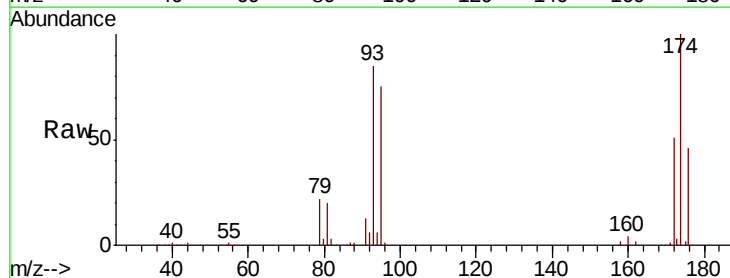
Tgt Ion: 93 Resp: 42202

Ion Ratio Lower Upper

93 100

95 84.9 65.5 98.3

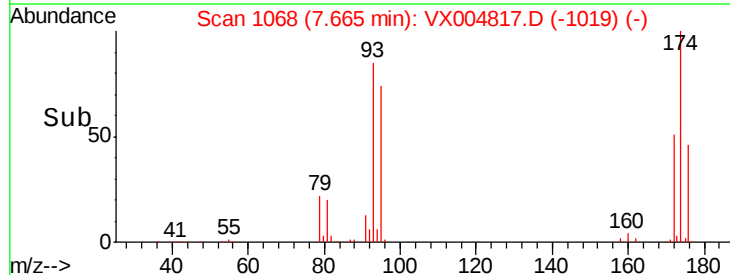
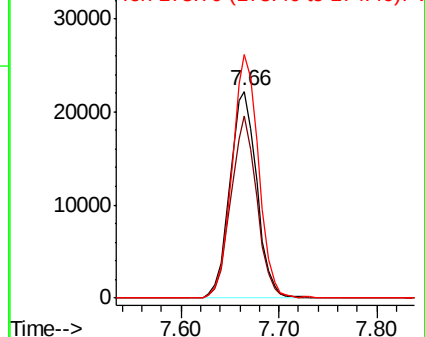
174 116.0 94.2 141.4

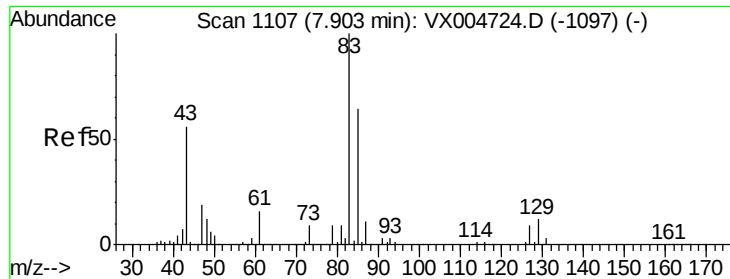


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.472 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

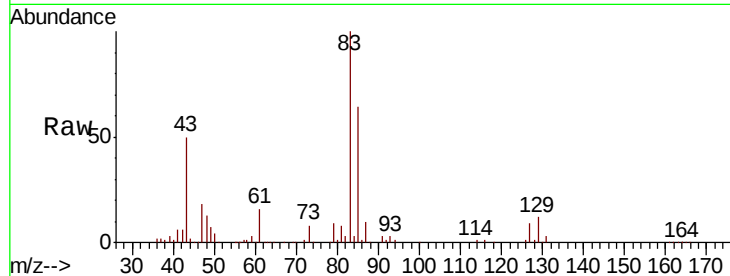
Tot Ion: 83 Resp: 78240

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3

127 9.3 7.3 10.9

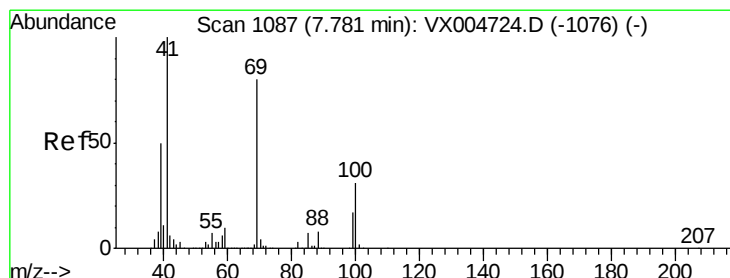
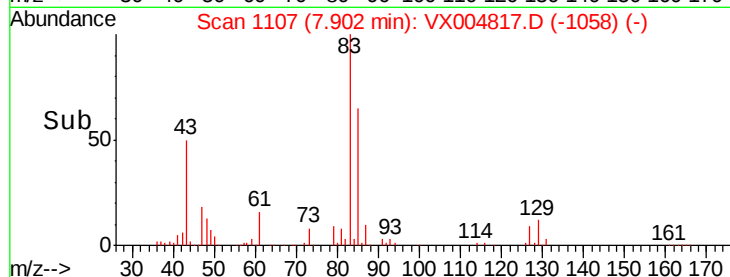
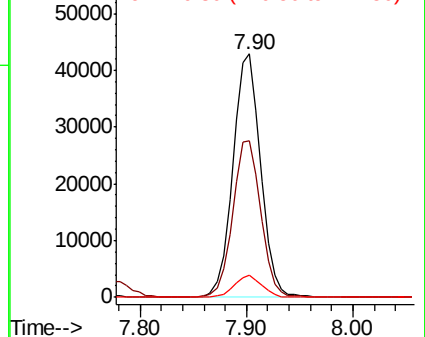


Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.300 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

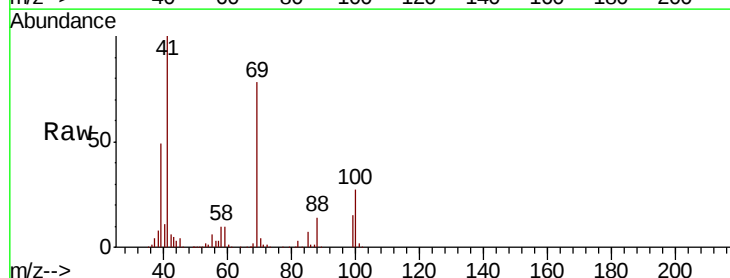
Tgt Ion: 41 Resp: 82385

Ion Ratio Lower Upper

41 100

69 80.7 70.2 105.4

39 49.4 42.7 64.1

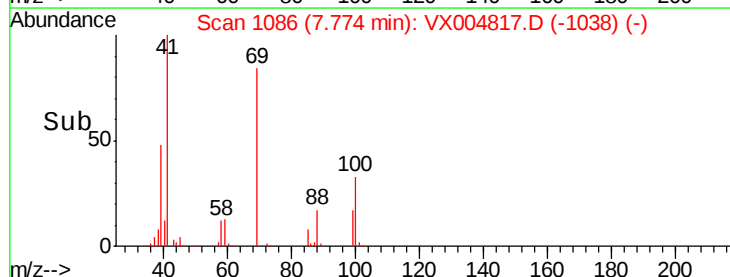
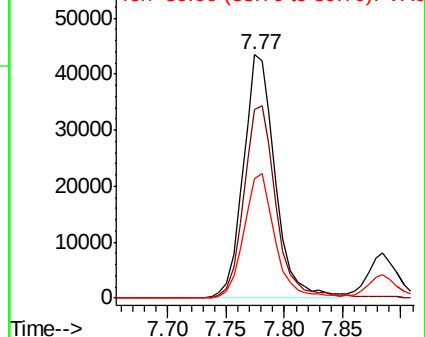


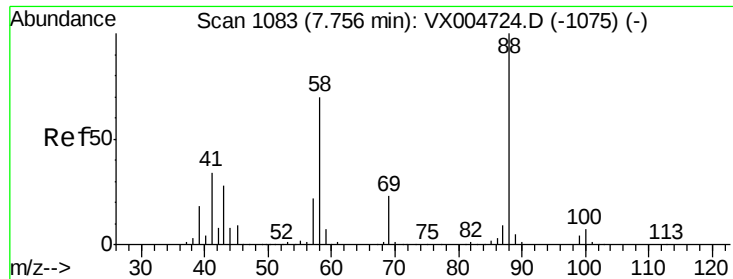
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

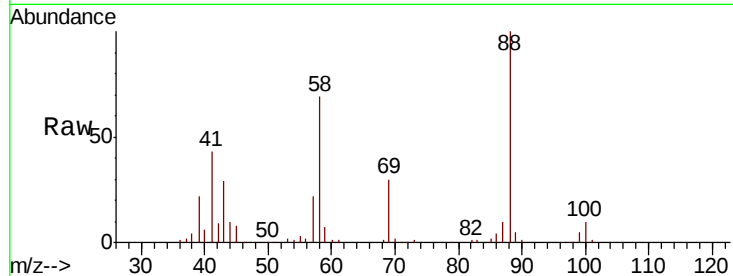




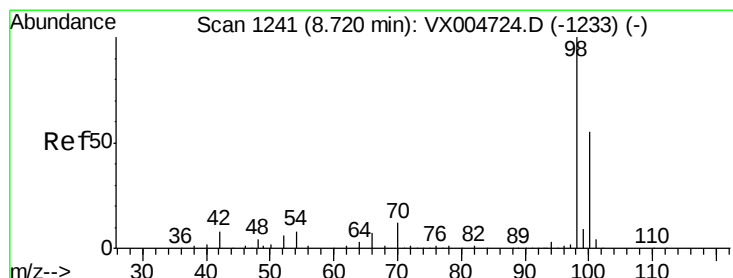
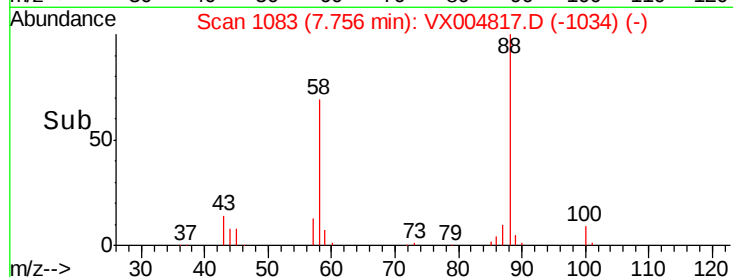
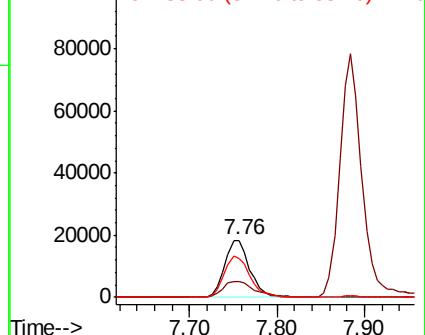
#49  
 1,4-Dioxane  
 Concen: 379.699 ug/l  
 RT: 7.76 min Scan# 1083  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0928WBS01

Tot Ion: 88 Resp: 36486  
 Ion Ratio Lower Upper  
 88 100  
 43 33.6 24.7 37.1  
 58 73.8 55.3 82.9

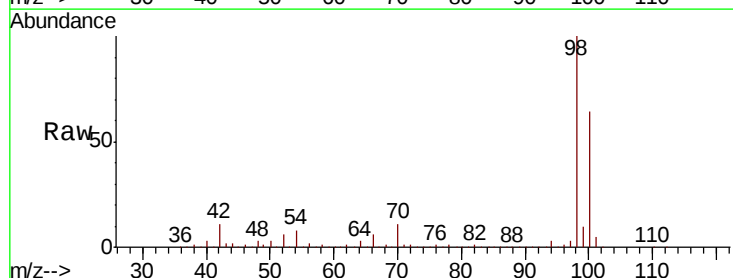


Abundance Ion 88.00 (87.70 to 88.70): VX0  
 Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0

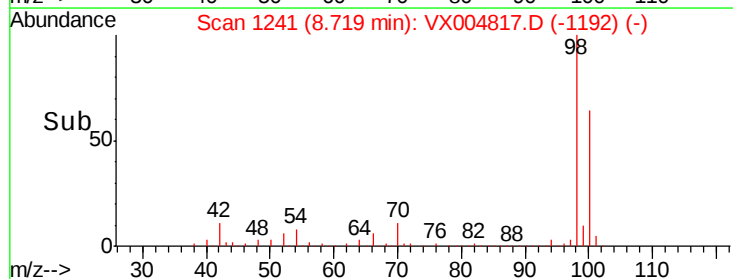
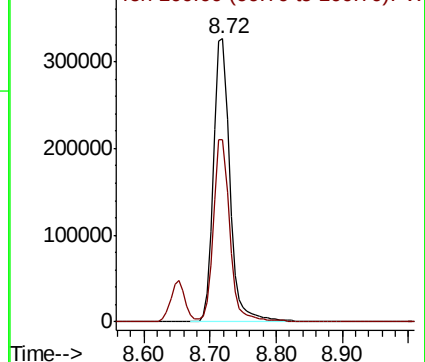


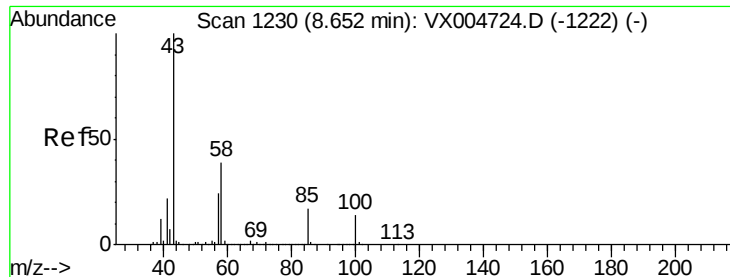
#50  
 Toluene-d8  
 Concen: 51.658 ug/l  
 RT: 8.72 min Scan# 1241  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Tgt Ion: 98 Resp: 559858  
 Ion Ratio Lower Upper  
 98 100  
 100 64.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0  
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 103.586 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

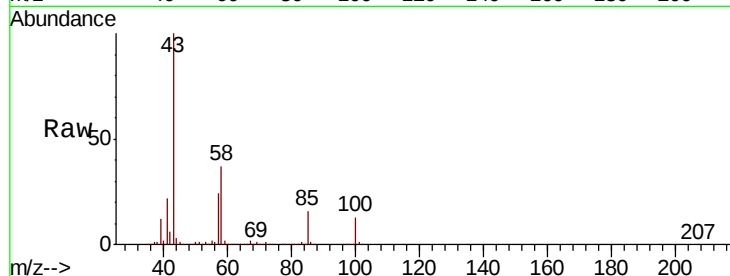
VX0928WBS01

Tot Ion: 43 Resp: 555802

Ion Ratio Lower Upper

43 100

58 37.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

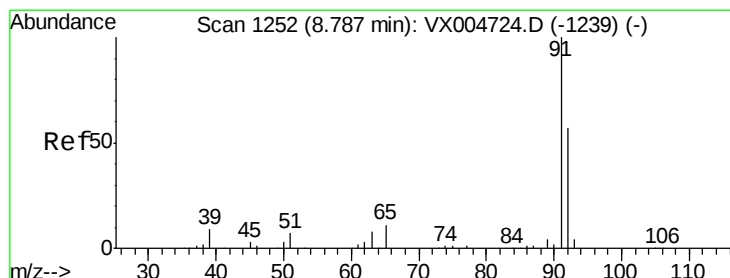
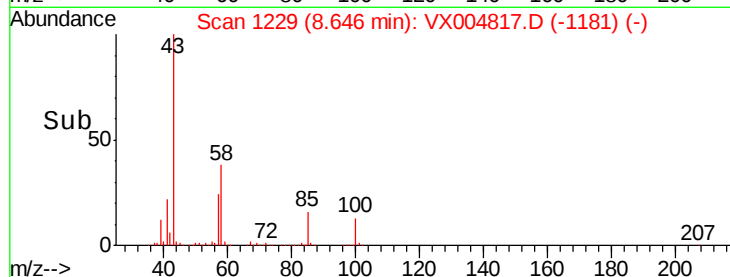
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 20.635 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004817.D

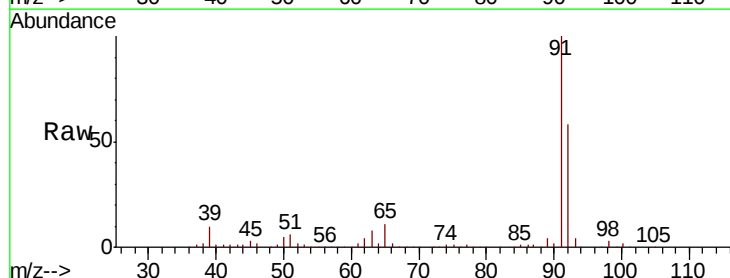
Acq: 28 Sep 2018 13:25

Tgt Ion: 92 Resp: 157890

Ion Ratio Lower Upper

92 100

91 173.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

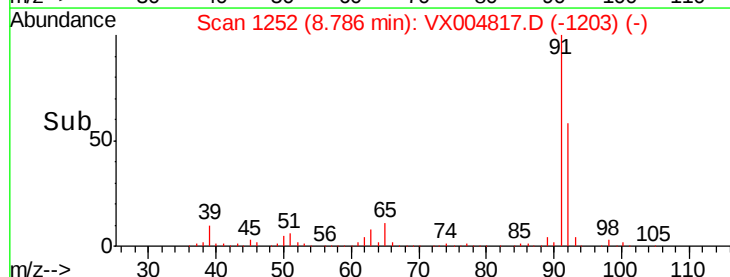
150000

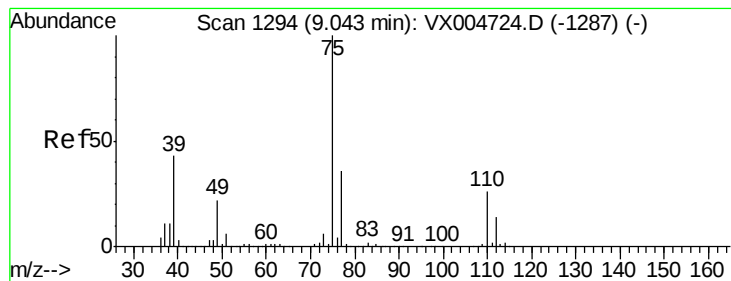
100000

50000

0

Time--> 8.70 8.80 8.90 9.00





#53

t-1,3-Dichloropropene

Concen: 19.212 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

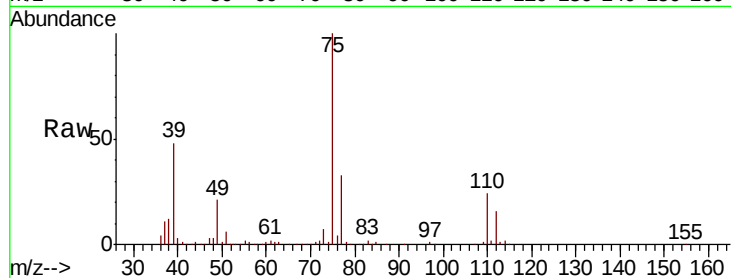
VX0928WBS01

Tot Ion: 75 Resp: 87234

Ion Ratio Lower Upper

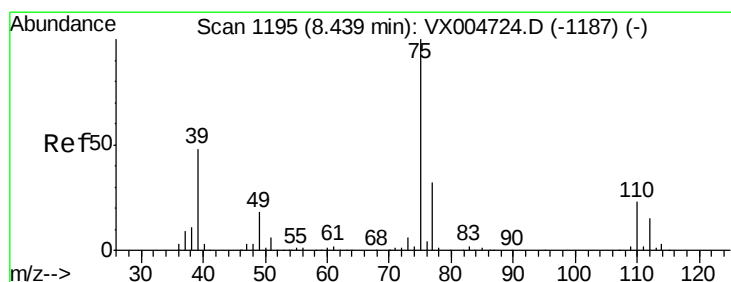
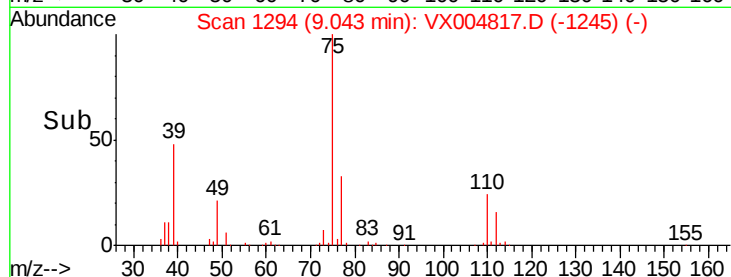
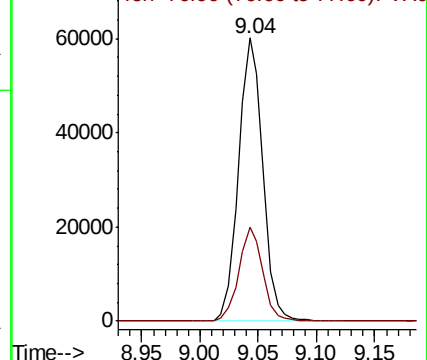
75 100

77 33.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.794 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

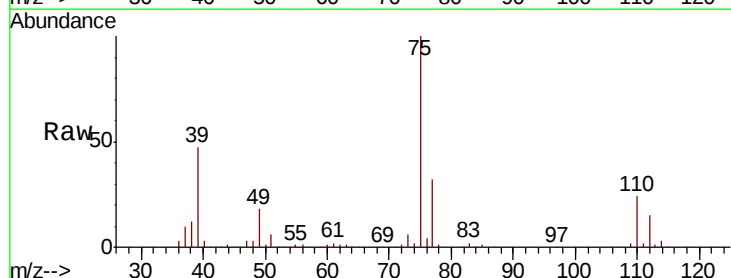
Tgt Ion: 75 Resp: 98891

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

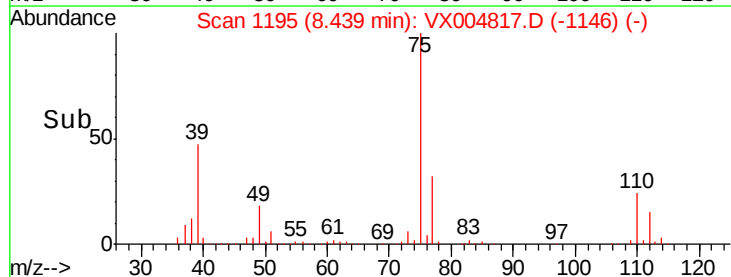
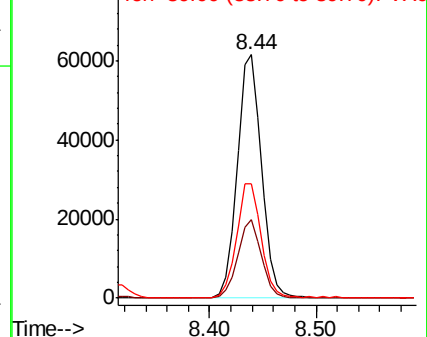
39 46.6 36.4 54.6

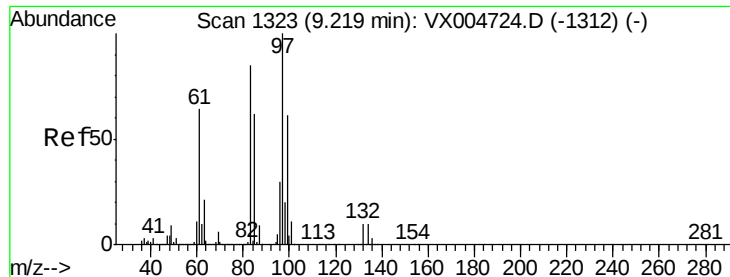


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.317 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

Tot Ion: 97 Resp: 64744

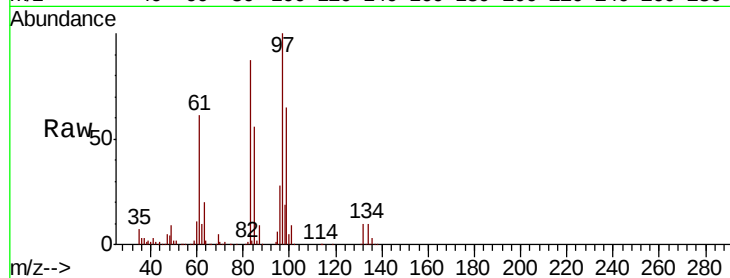
Ion Ratio Lower Upper

97 100

83 87.0 66.4 99.6

85 56.4 43.3 64.9

99 64.5 49.0 73.4



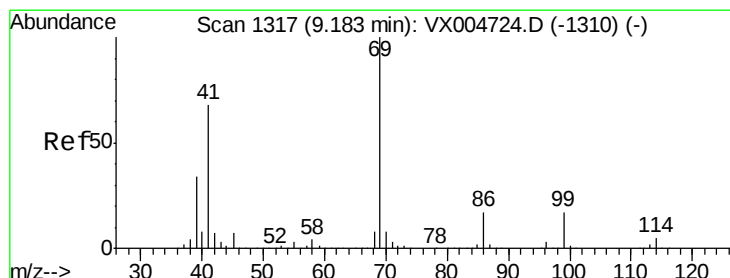
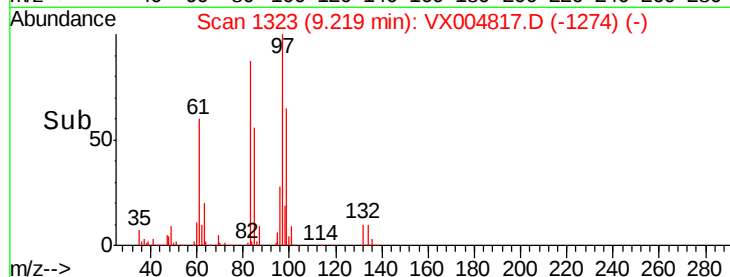
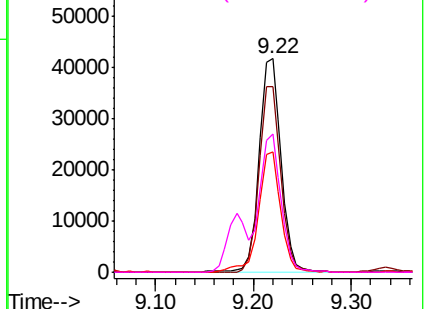
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.706 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

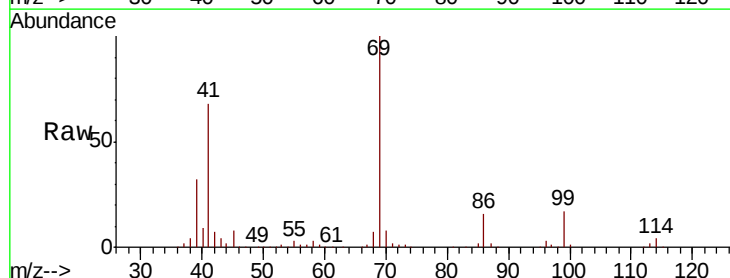
Tgt Ion: 69 Resp: 97174

Ion Ratio Lower Upper

69 100

41 69.3 51.0 76.4

39 32.9 26.1 39.1

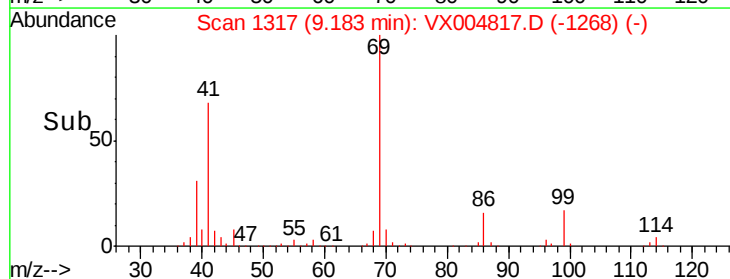
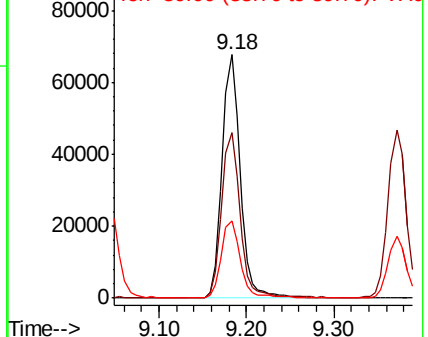


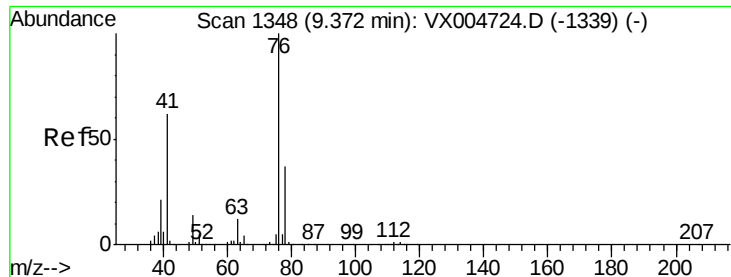
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.545 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

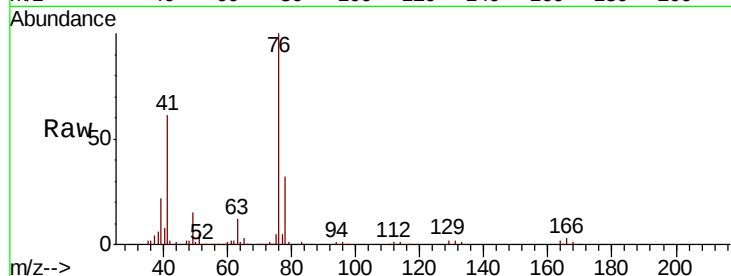
VX0928WBS01

Tot Ion: 76 Resp: 109024

Ion Ratio Lower Upper

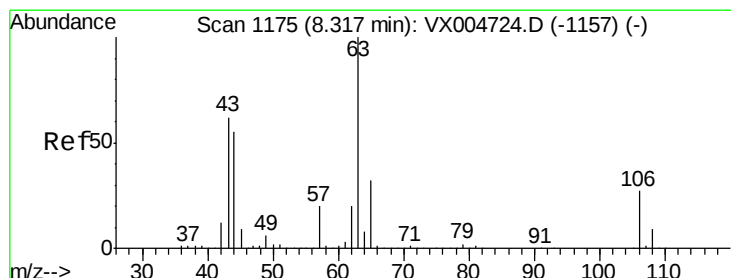
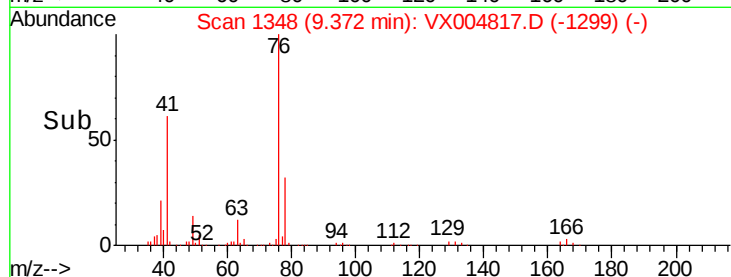
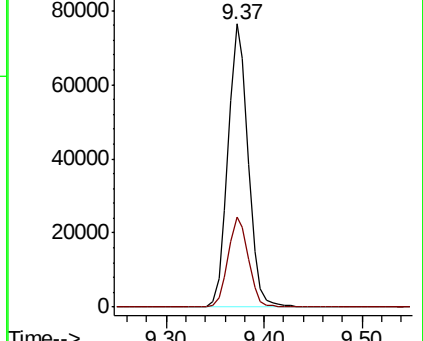
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.956 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004817.D

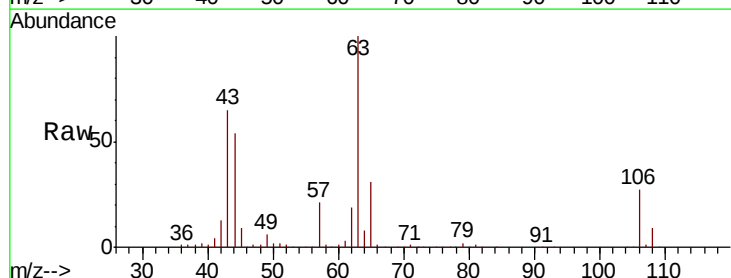
Acq: 28 Sep 2018 13:25

Tgt Ion: 63 Resp: 271671

Ion Ratio Lower Upper

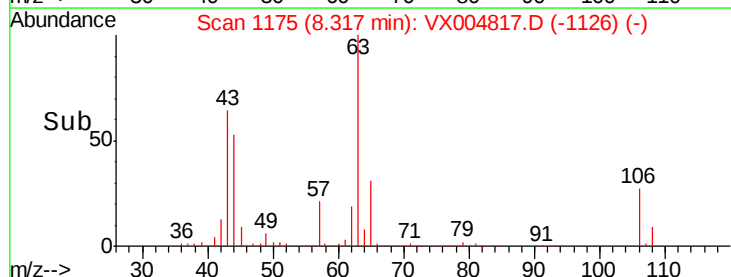
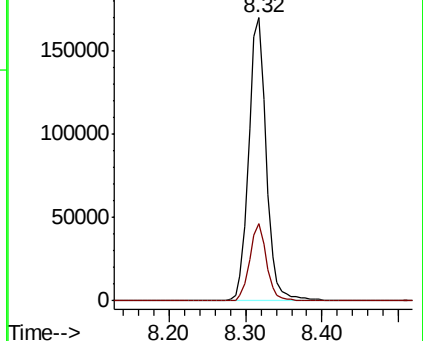
63 100

106 26.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

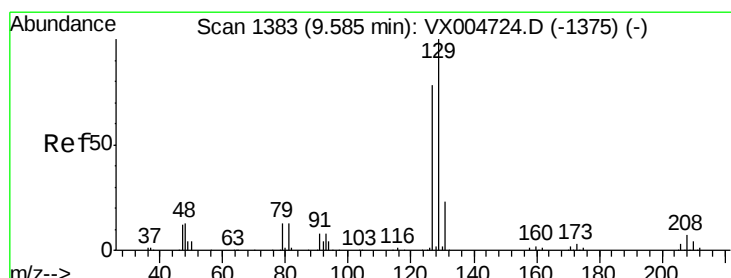
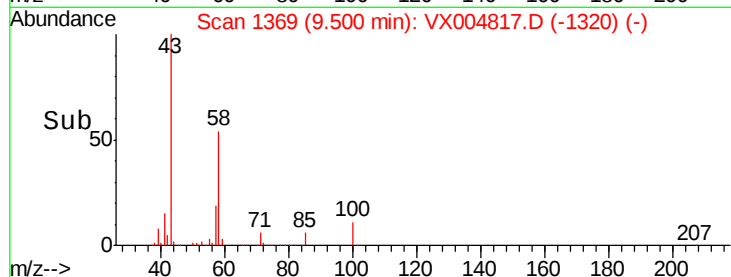
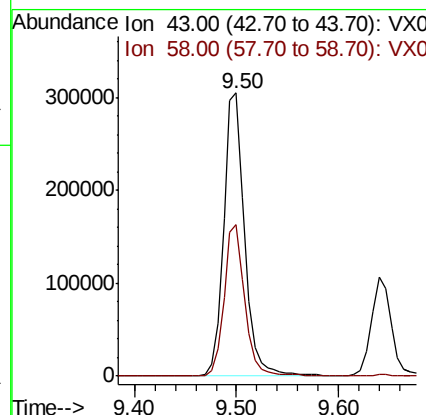
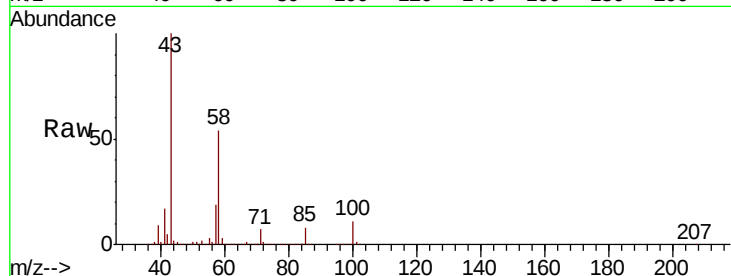




#59  
2-Hexanone  
Concen: 97.796 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

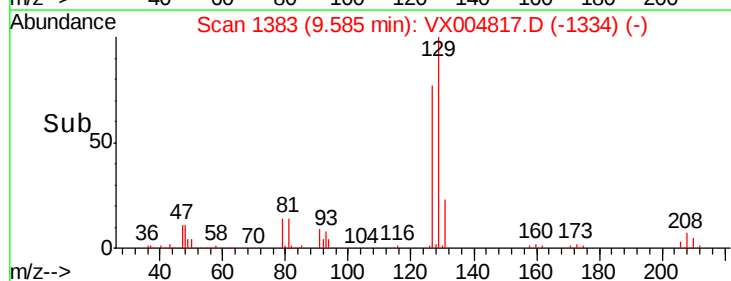
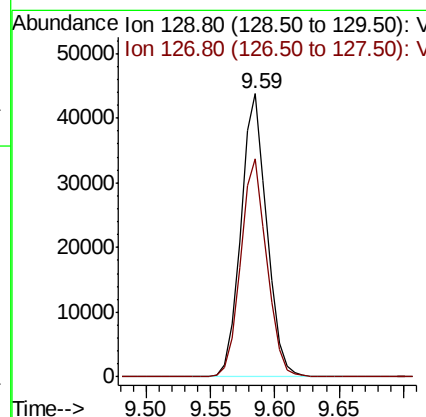
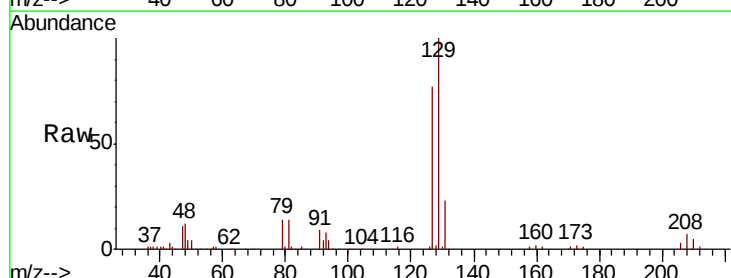
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0928WBS01

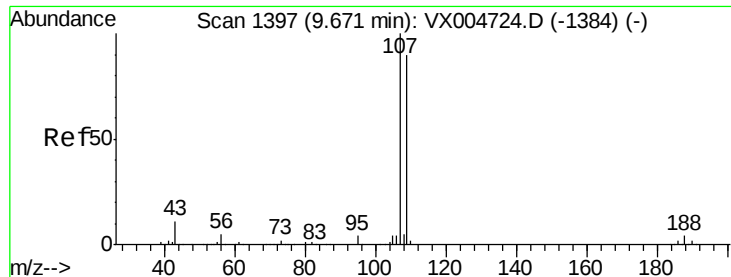
Tot Ion: 43 Resp: 437268  
Ion Ratio Lower Upper  
43 100  
58 53.0 29.0 87.0



#60  
Dibromochloromethane  
Concen: 18.161 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion:129 Resp: 60874  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.467 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

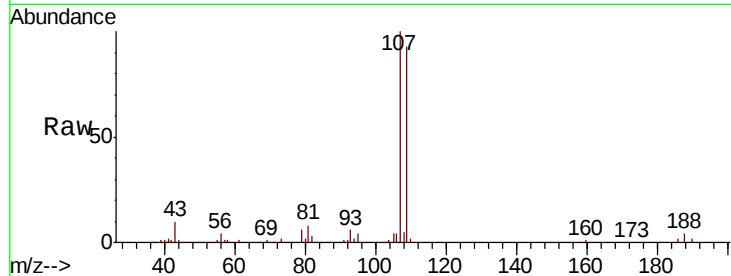
VX0928WBS01

Tot Ion:107 Resp: 66284

Ion Ratio Lower Upper

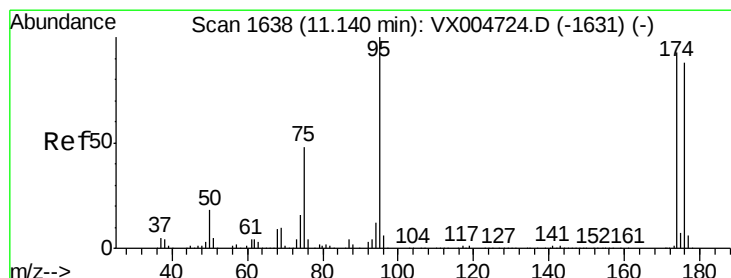
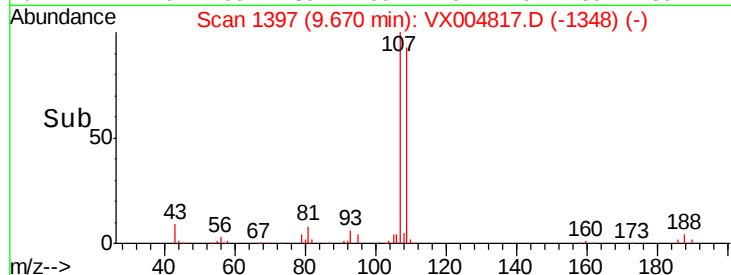
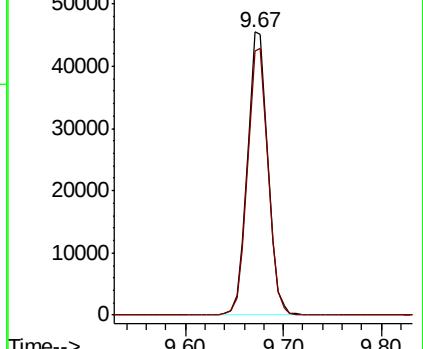
107 100

109 95.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.084 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

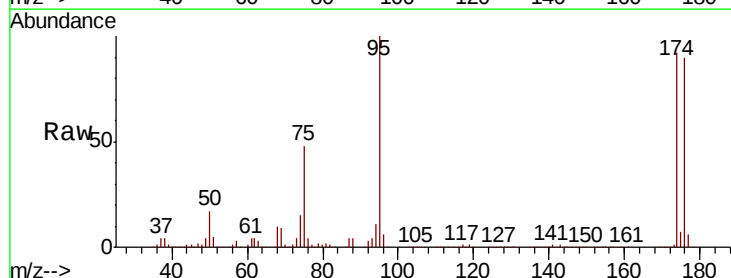
Tgt Ion: 95 Resp: 207261

Ion Ratio Lower Upper

95 100

174 90.5 0.0 185.2

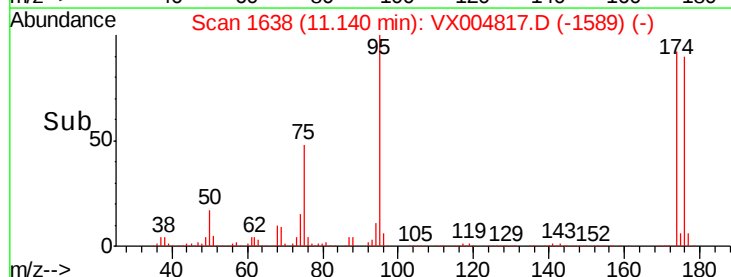
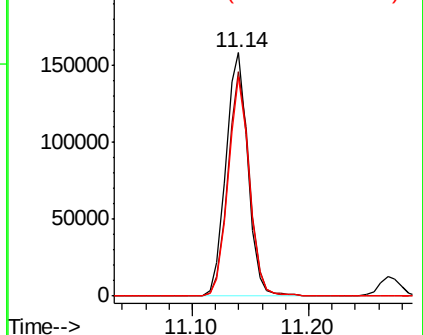
176 87.0 0.0 178.6

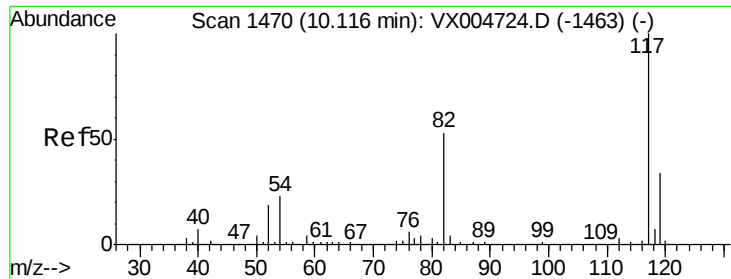


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

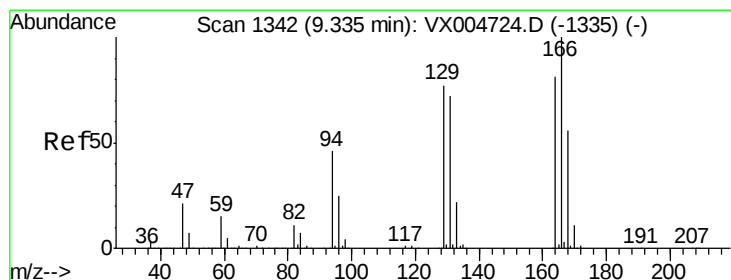
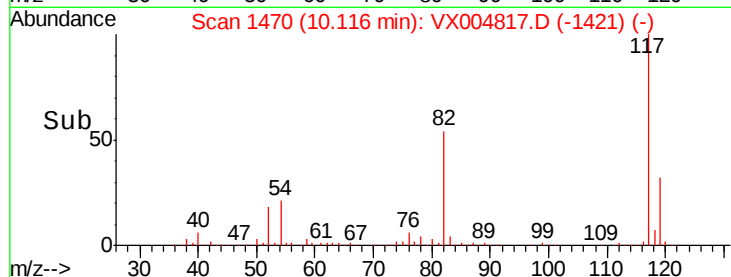
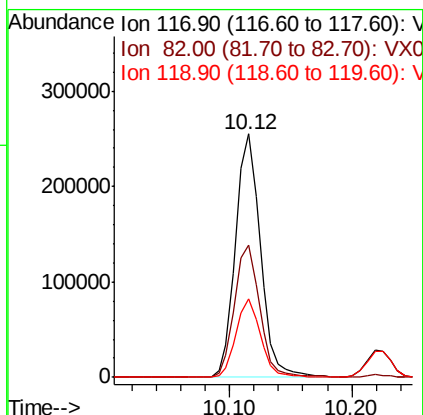
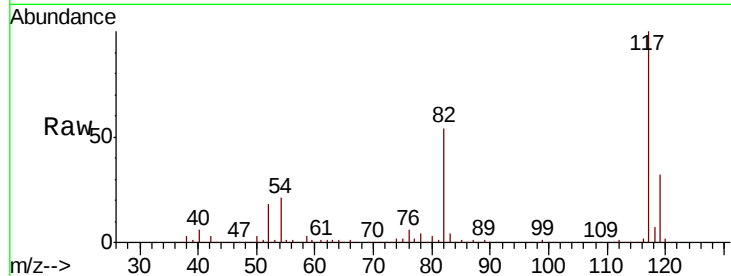




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

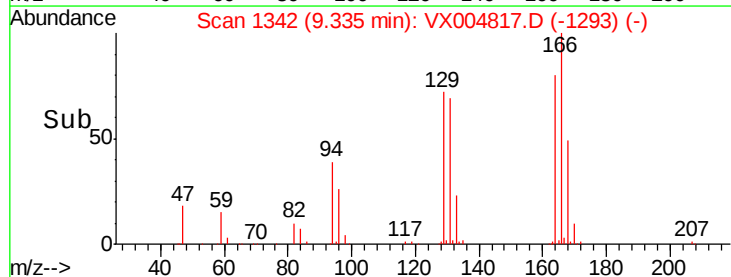
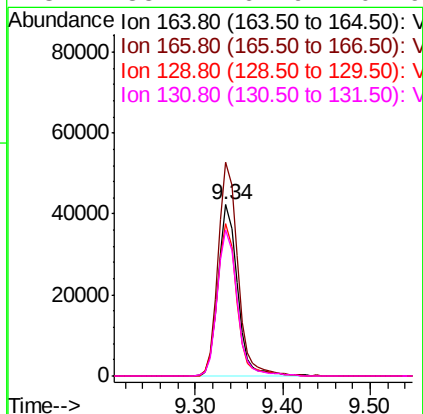
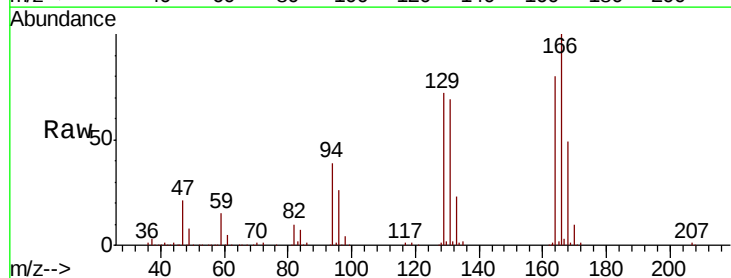
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0928WBS01

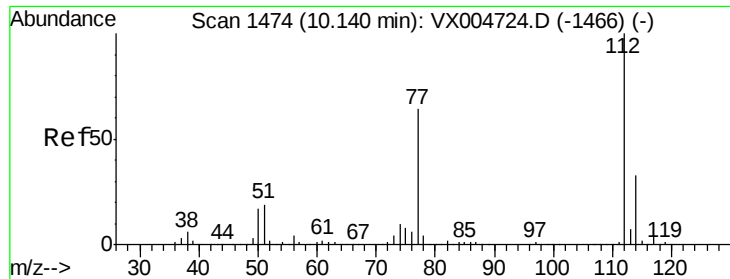
Tot Ion:117 Resp: 360190  
Ion Ratio Lower Upper  
117 100  
82 54.4 47.8 71.6  
119 32.3 29.3 43.9



#64  
Tetrachloroethene  
Concen: 18.267 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion:164 Resp: 64759  
Ion Ratio Lower Upper  
164 100  
166 124.7 102.8 154.2  
129 89.1 69.4 104.0  
131 85.4 67.9 101.9

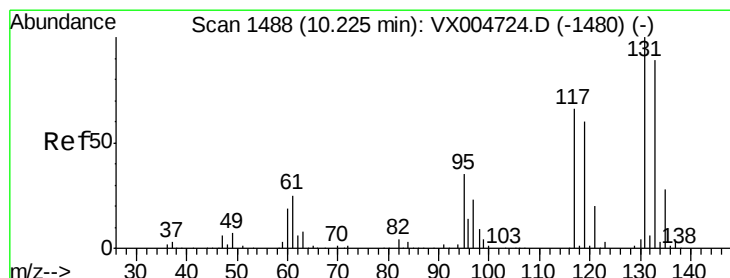
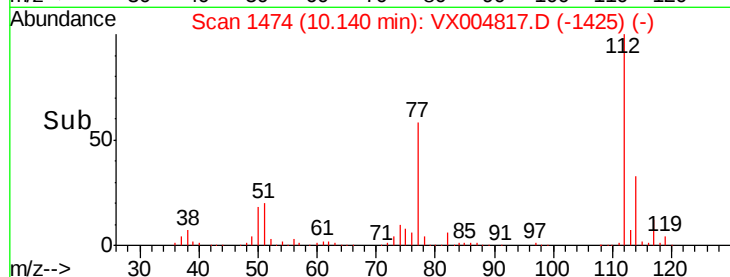
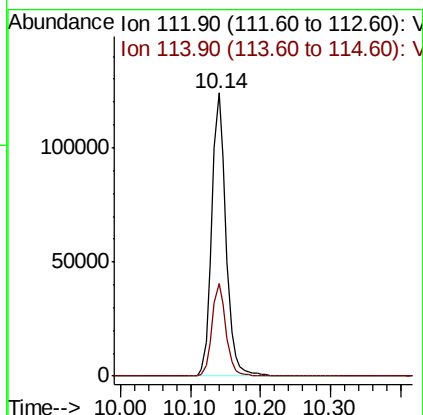
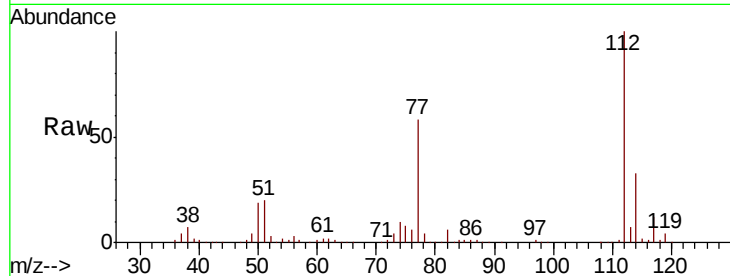




#65  
Chlorobenzene  
Concen: 19.060 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

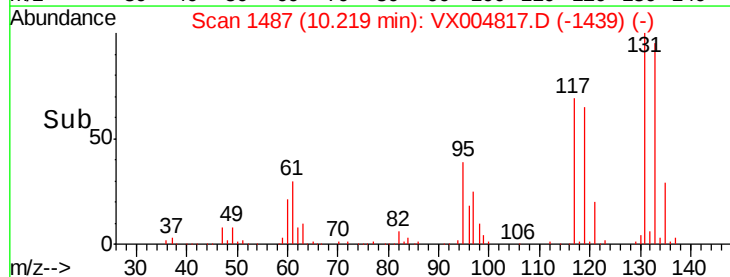
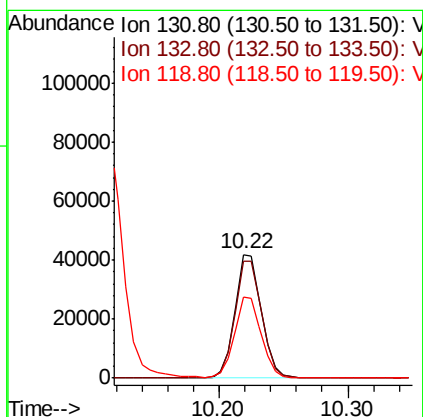
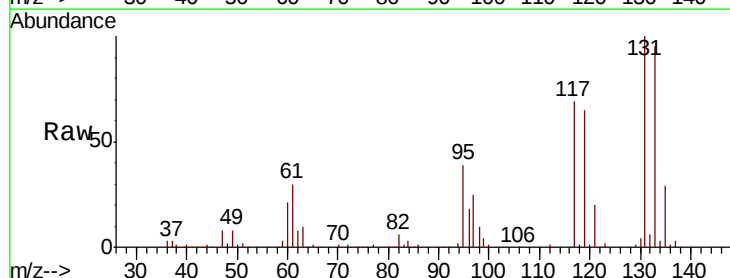
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0928WBS01

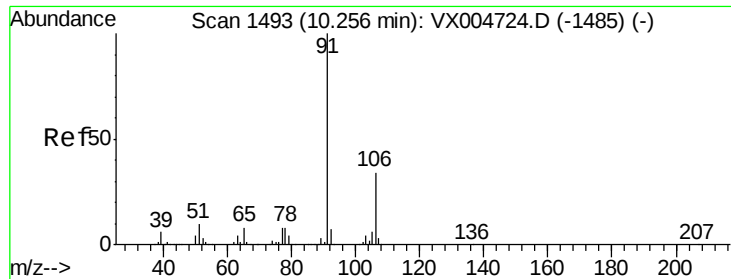
Tot Ion:112 Resp: 176040  
Ion Ratio Lower Upper  
112 100  
114 32.8 27.8 41.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.396 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.01 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion:131 Resp: 59734  
Ion Ratio Lower Upper  
131 100  
133 96.2 48.1 144.4  
119 66.6 32.9 98.6

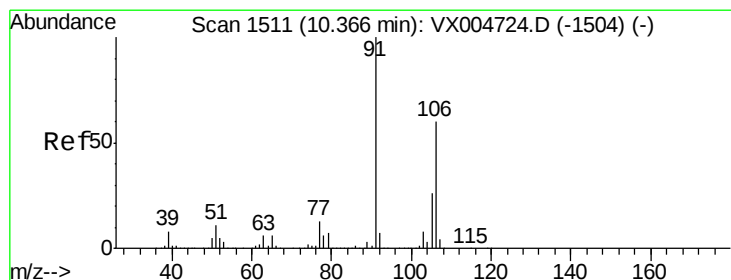
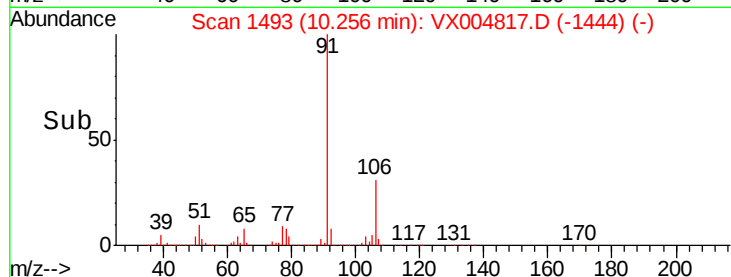
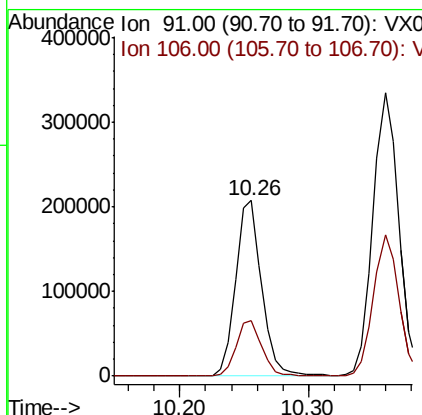
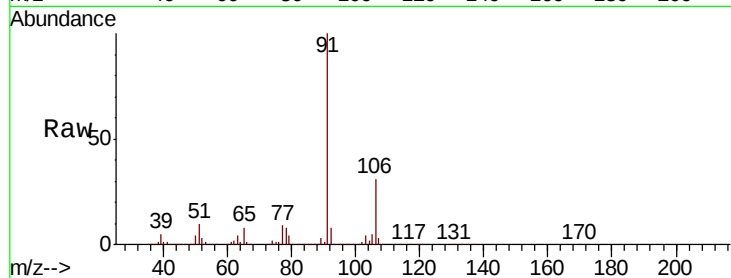




#67  
Ethyl Benzene  
Concen: 19.929 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

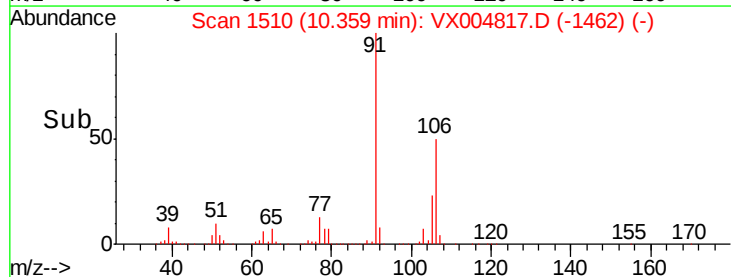
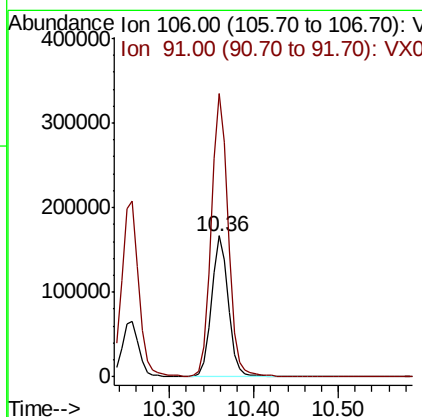
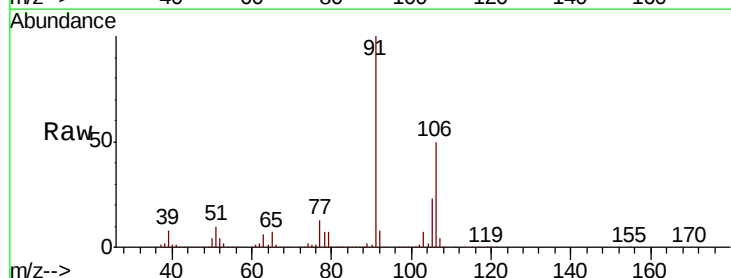
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0928WBS01

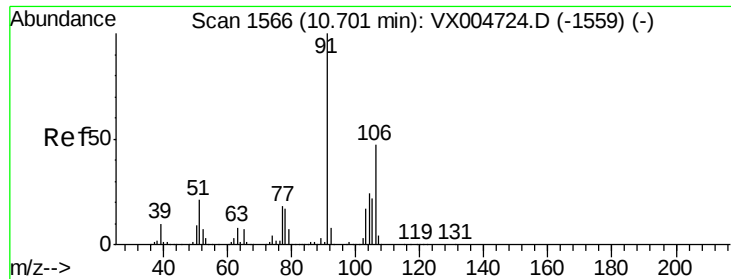
Tot Ion: 91 Resp: 292239  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.9 38.9



#68  
m/p-Xylenes  
Concen: 40.502 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.01 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion: 106 Resp: 232082  
Ion Ratio Lower Upper  
106 100  
91 202.5 157.1 235.7

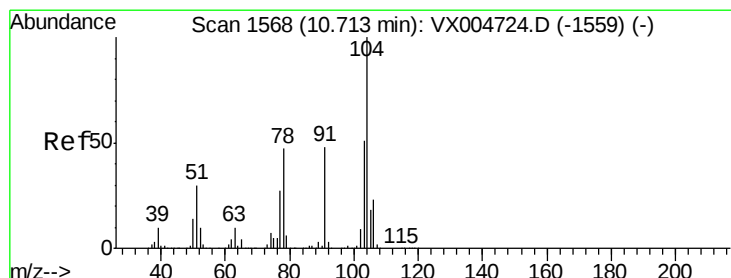
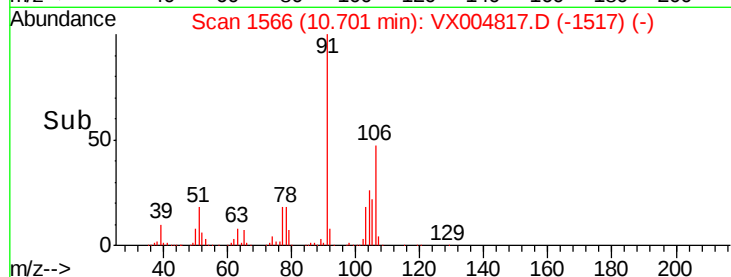
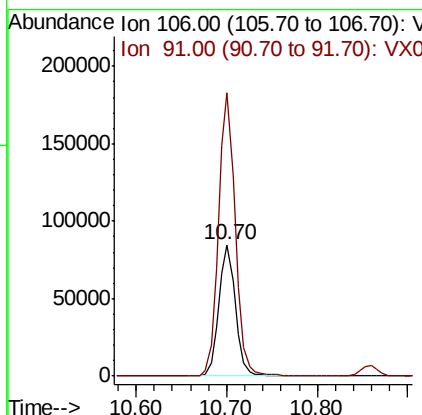
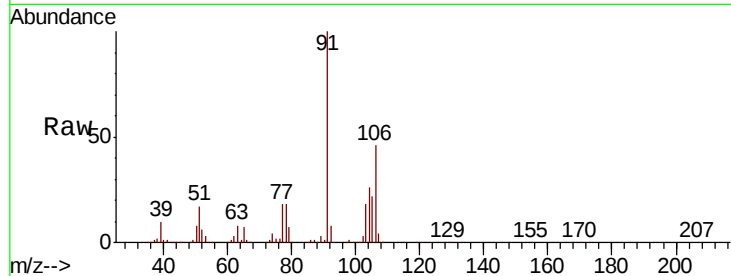




#69  
o-Xylene  
Concen: 20.803 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

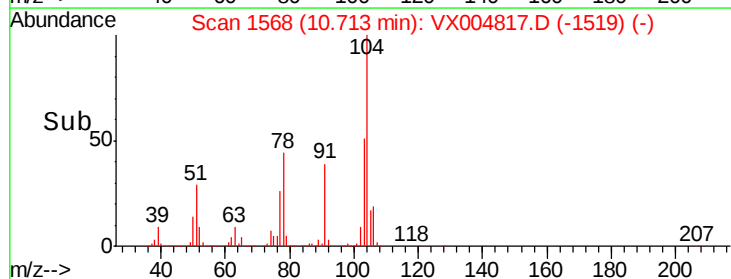
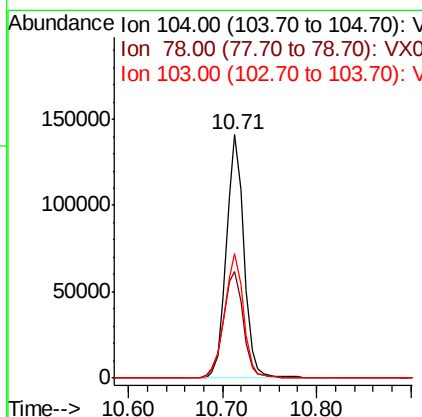
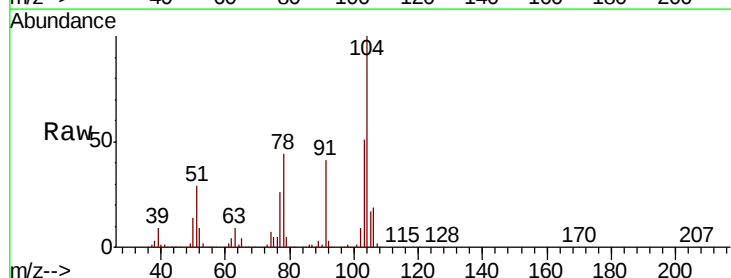
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0928WBS01

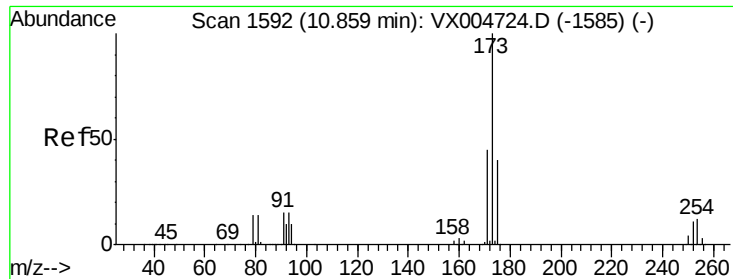
Tot Ion:106 Resp: 109490  
Ion Ratio Lower Upper  
106 100  
91 215.6 105.1 315.1



#70  
Styrene  
Concen: 20.011 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion:104 Resp: 183781  
Ion Ratio Lower Upper  
104 100  
78 49.9 37.4 56.0  
103 55.2 43.8 65.6





#71

Bromoform

Concen: 16.978 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

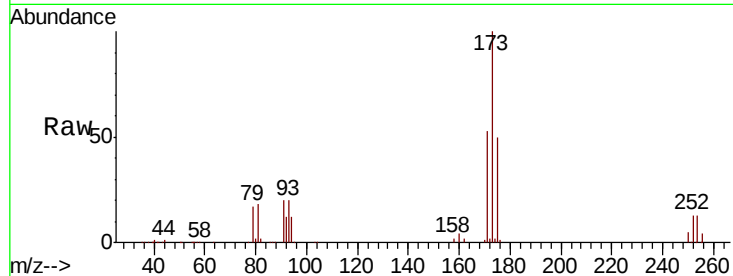
Tot Ion:173 Resp: 47196

Ion Ratio Lower Upper

173 100

175 50.1 24.1 72.3

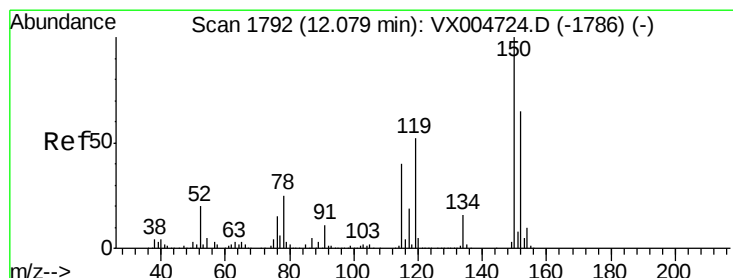
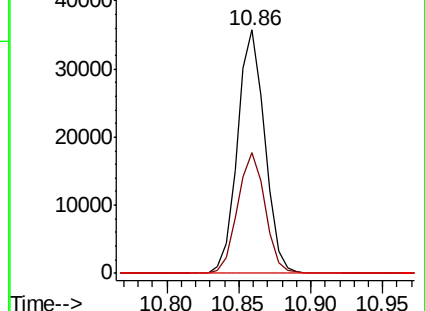
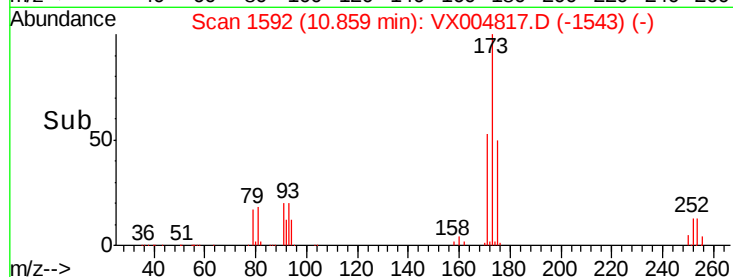
254 0.2 0.2 0.2



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

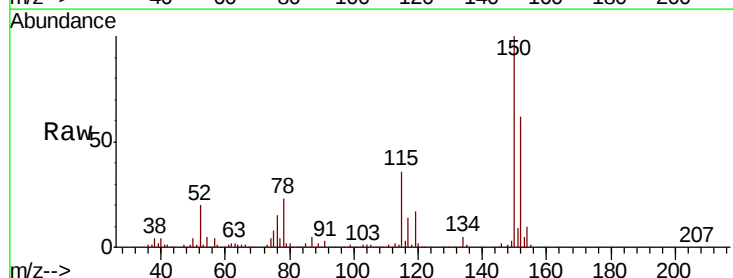
Tgt Ion:152 Resp: 219610

Ion Ratio Lower Upper

152 100

115 64.6 39.0 117.0

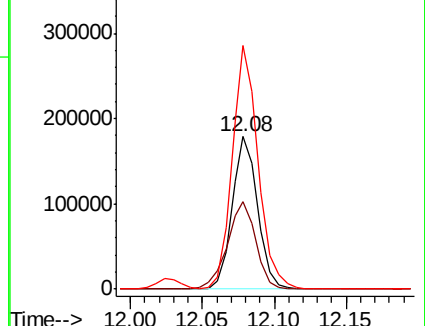
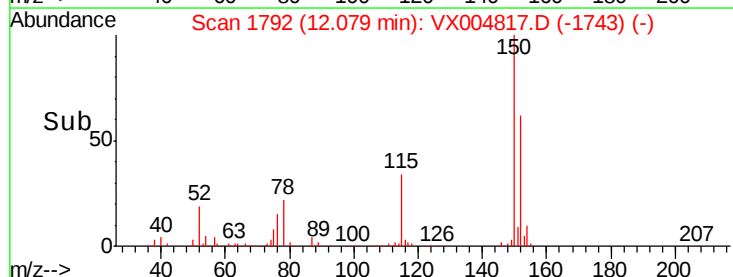
150 163.6 0.0 351.0



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: 21.771 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

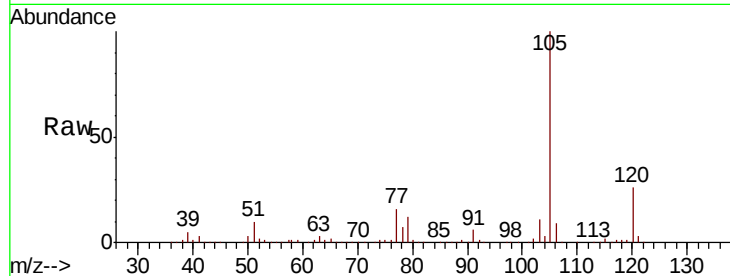
VX0928WBS01

Tot Ion:105 Resp: 301361

Ion Ratio Lower Upper

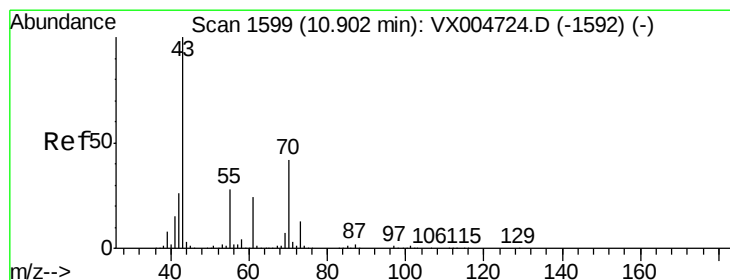
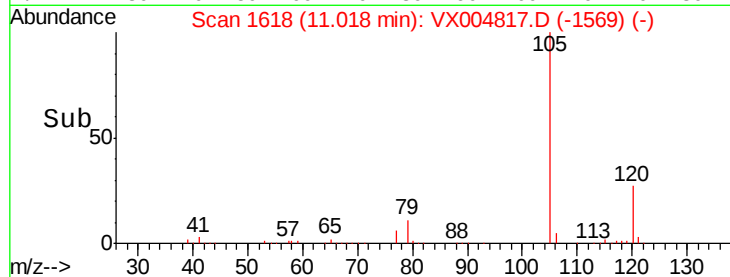
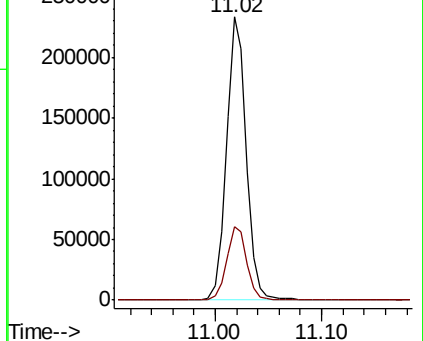
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.108 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Tgt Ion: 43 Resp: 136869

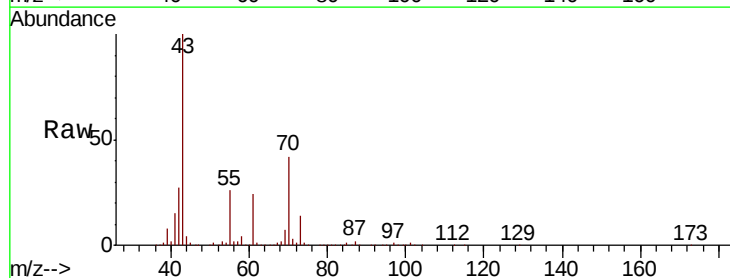
Ion Ratio Lower Upper

43 100

70 40.4 37.4 56.0

55 25.6 21.8 32.8

61 23.6 20.6 30.8

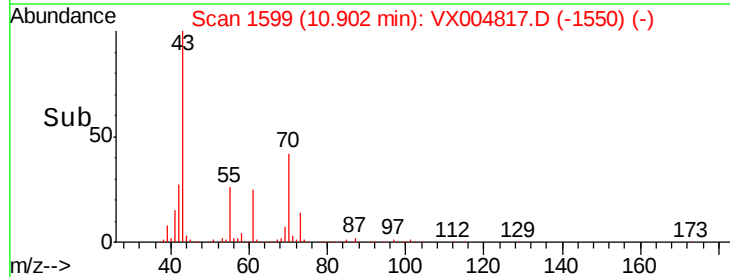
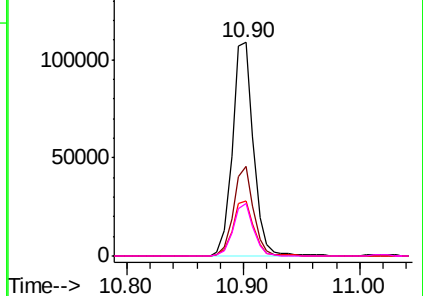


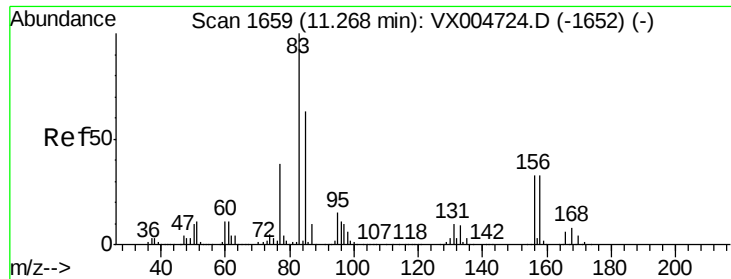
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.346 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampled :

VX0928WBS01

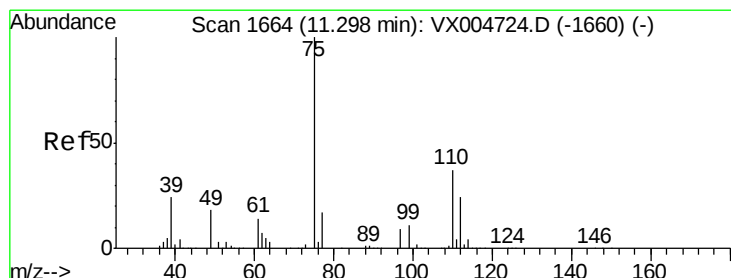
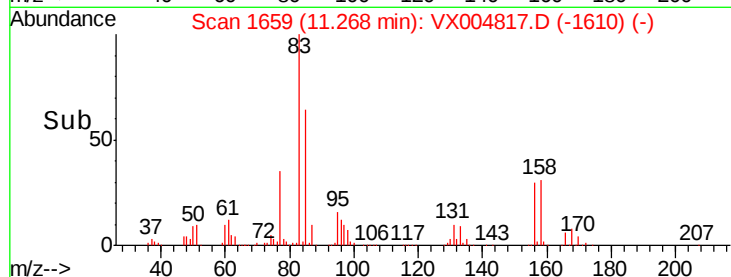
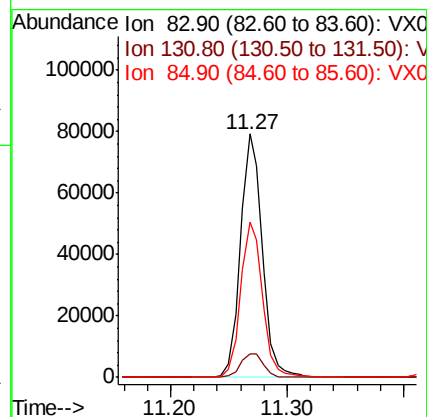
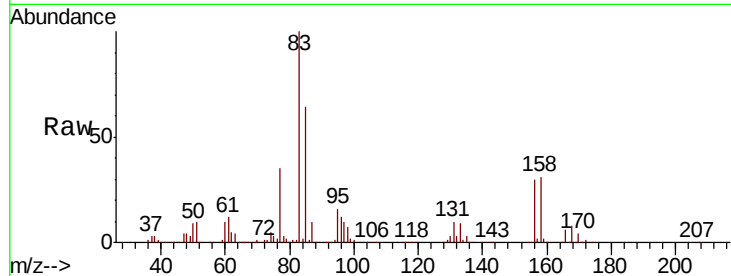
Tot Ion: 83 Resp: 103377

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.2 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 23.429 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004817.D

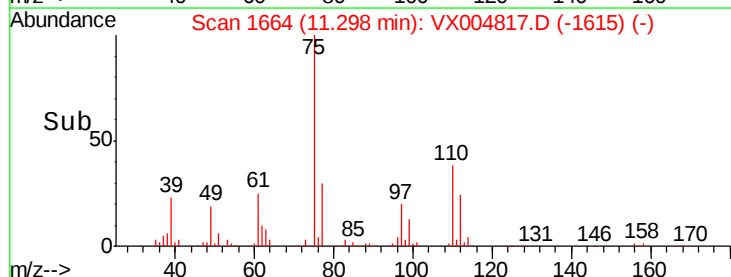
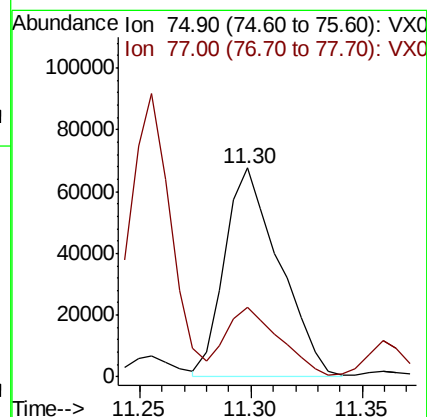
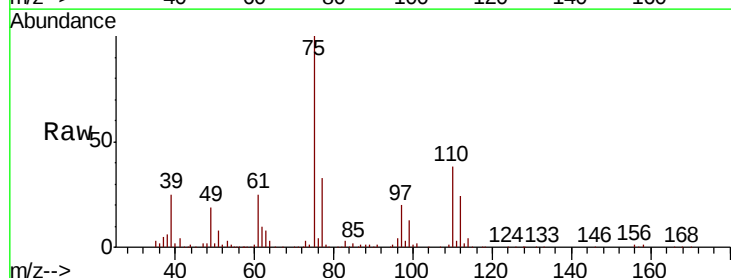
Acq: 28 Sep 2018 13:25

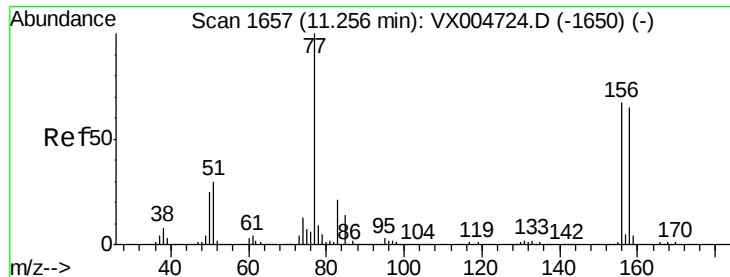
Tgt Ion: 75 Resp: 115322

Ion Ratio Lower Upper

75 100

77 32.7 20.2 60.6





#77

Bromobenzene

Concen: 19.909 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

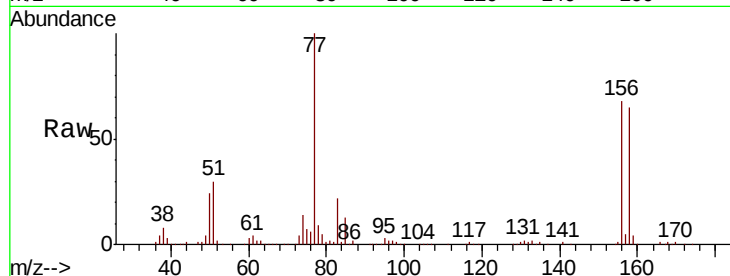
Tot Ion:156 Resp: 80048

Ion Ratio Lower Upper

156 100

77 148.0 71.5 214.3

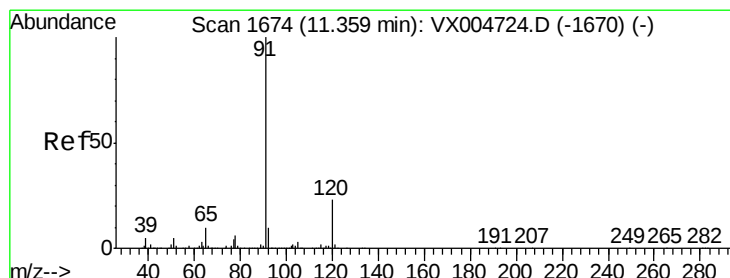
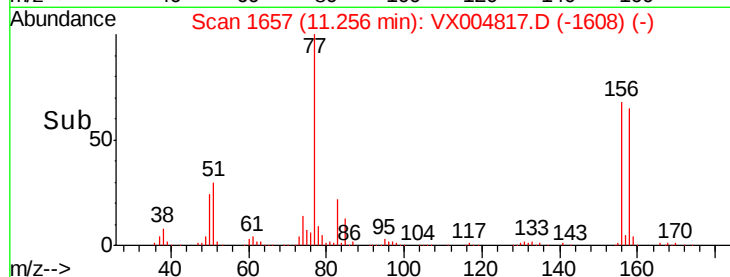
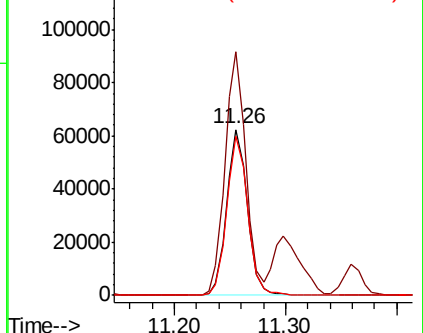
158 97.3 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.996 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004817.D

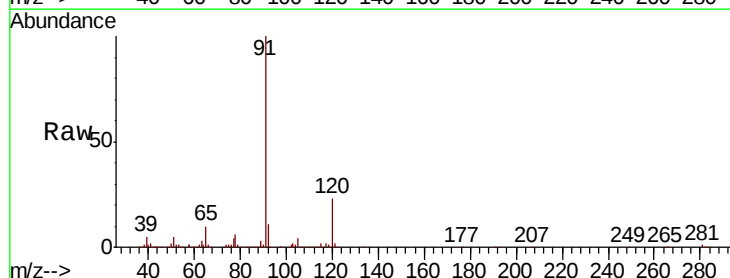
Acq: 28 Sep 2018 13:25

Tgt Ion: 91 Resp: 349344

Ion Ratio Lower Upper

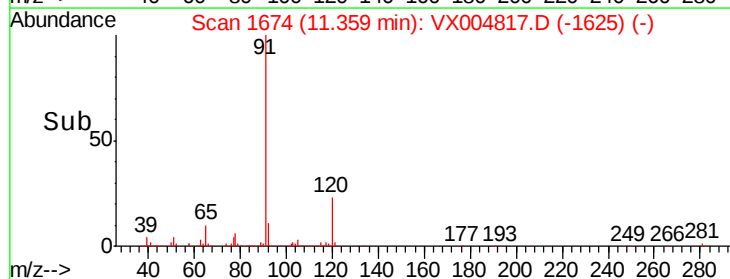
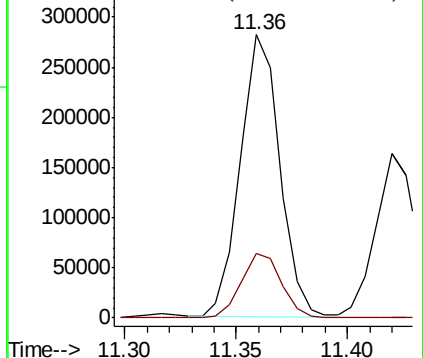
91 100

120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

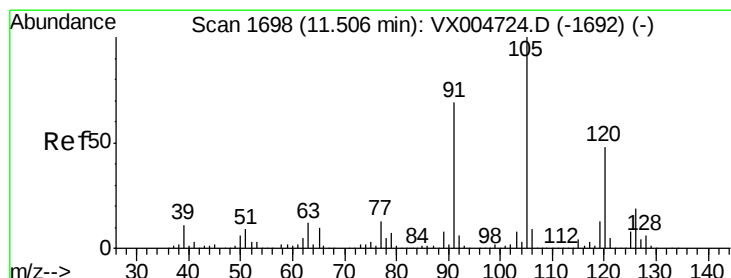
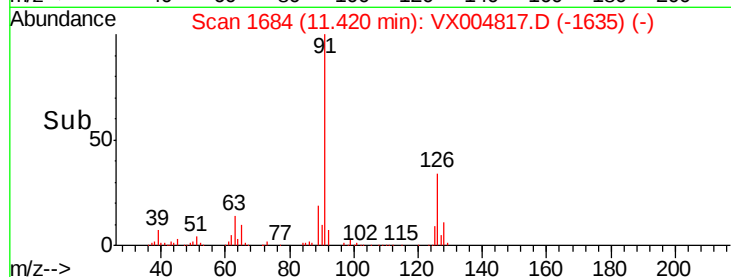
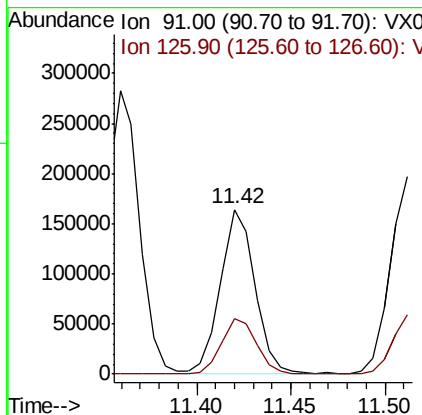
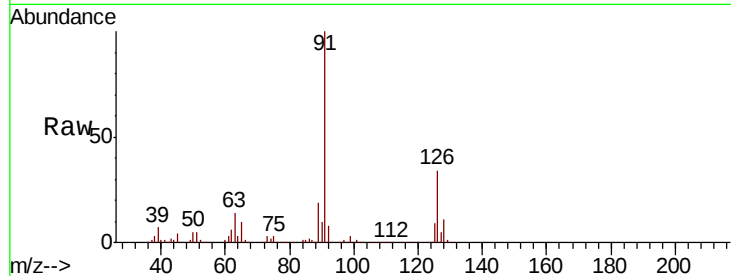




#79  
 2-Chlorotoluene  
 Concen: 20.783 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

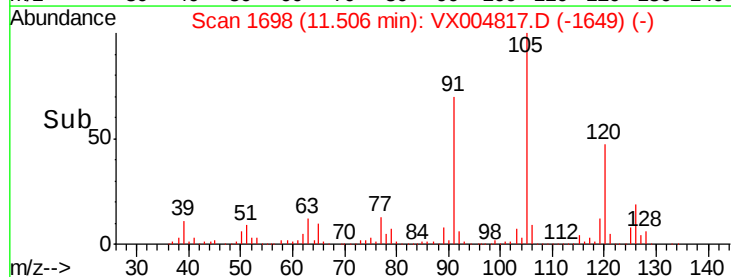
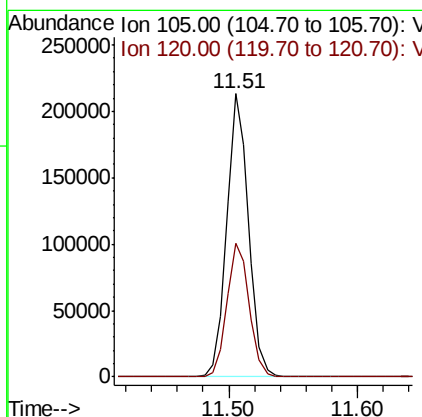
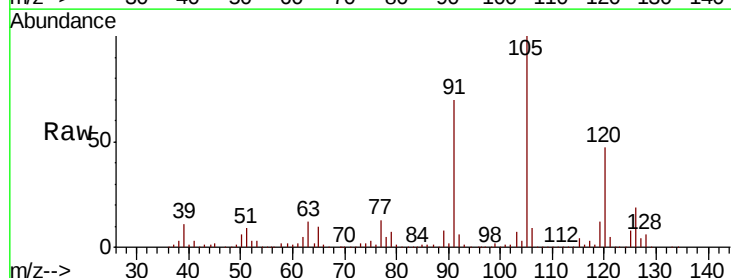
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

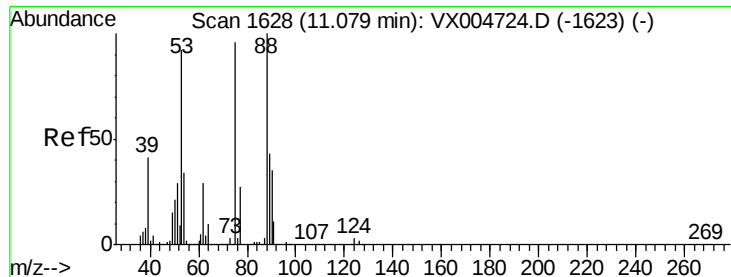
Tot Ion: 91 Resp: 205746  
 Ion Ratio Lower Upper  
 91 100  
 126 34.9 17.9 53.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.852 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Tgt Ion:105 Resp: 253372  
 Ion Ratio Lower Upper  
 105 100  
 120 48.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.356 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0928WBS01

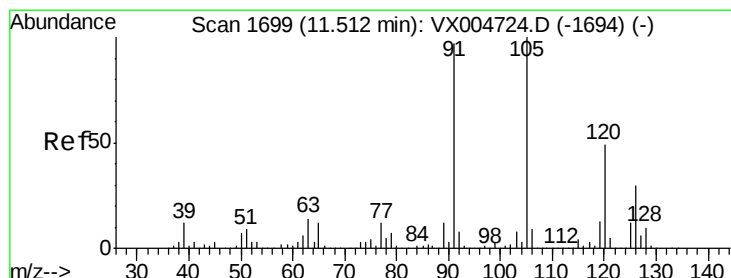
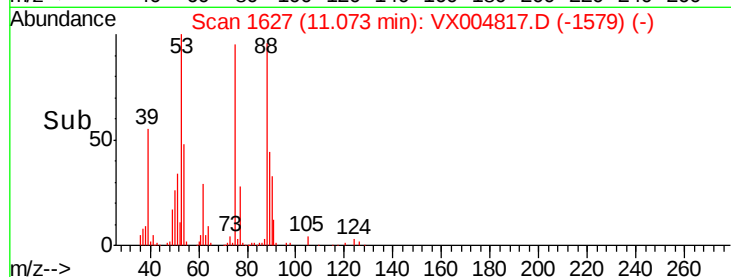
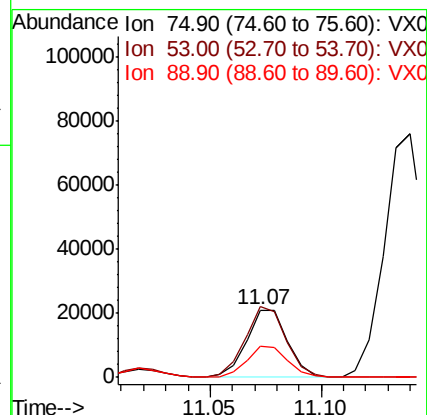
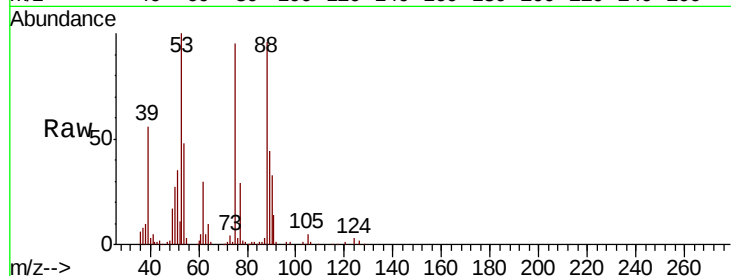
Tot Ion: 75 Resp: 27004

Ion Ratio Lower Upper

75 100

53 103.8 80.1 120.1

89 46.9 37.2 55.8



#82

4-Chlorotoluene

Concen: 21.107 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004817.D

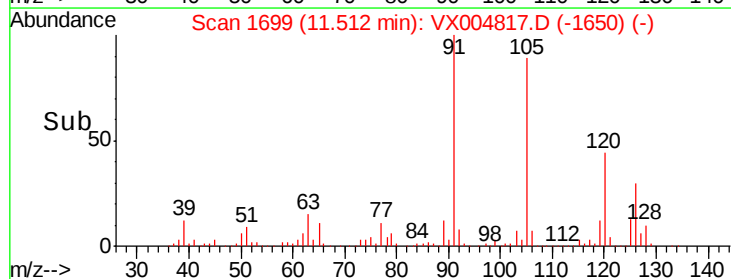
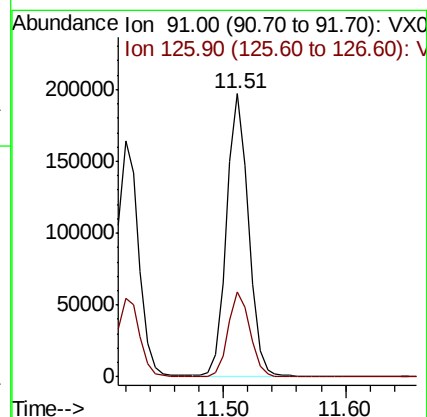
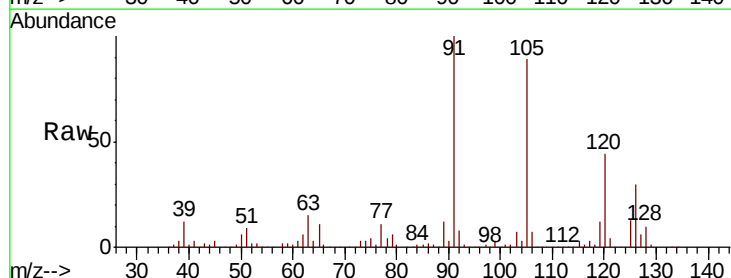
Acq: 28 Sep 2018 13:25

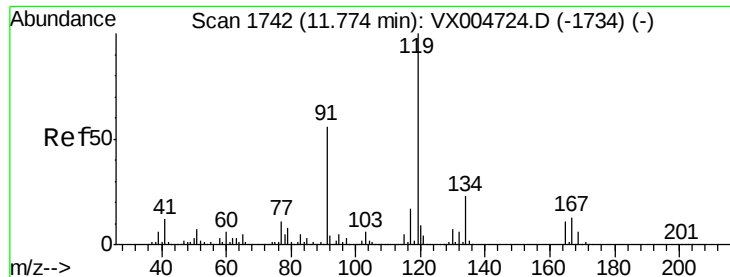
Tgt Ion: 91 Resp: 245946

Ion Ratio Lower Upper

91 100

126 30.0 15.5 46.5

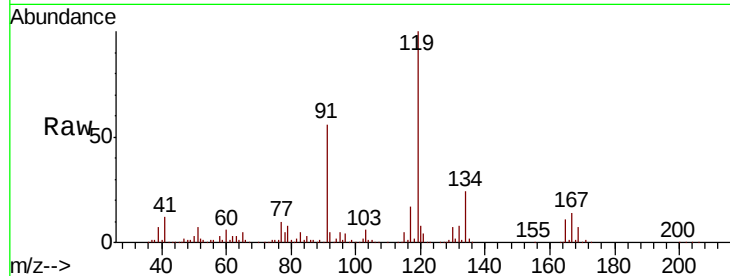




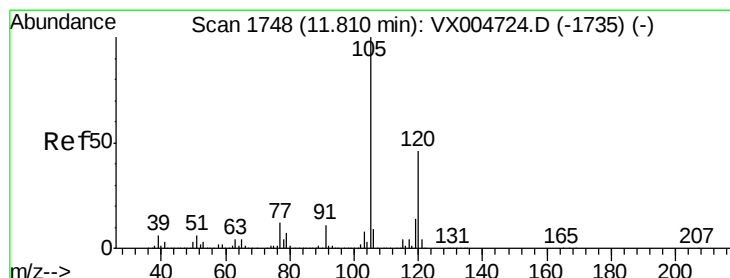
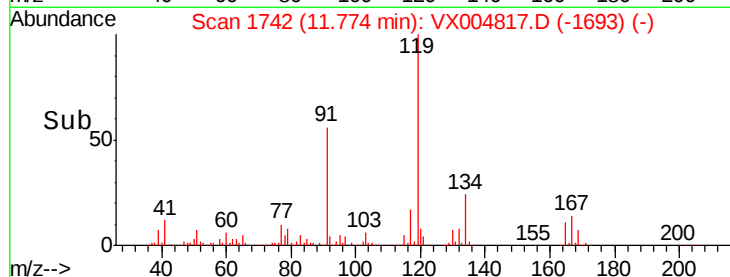
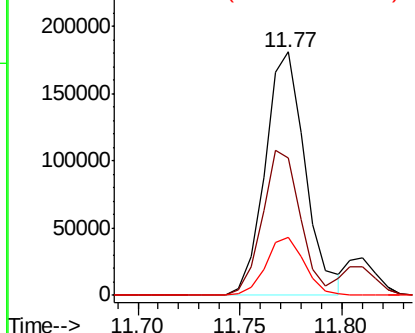
#83  
 tert-Butylbenzene  
 Concen: 21.757 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

Tot Ion:119 Resp: 247960  
 Ion Ratio Lower Upper  
 119 100  
 91 56.3 27.0 81.0  
 134 23.0 11.7 35.1

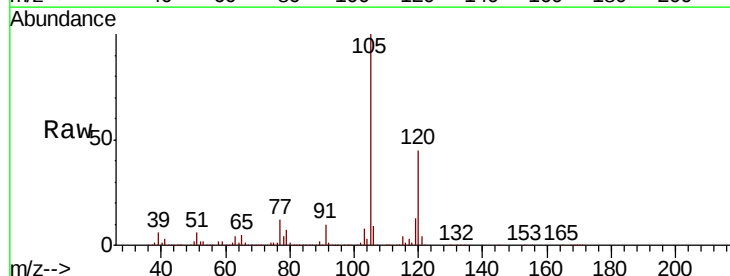


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VX  
 Ion 134.00 (133.70 to 134.70): V

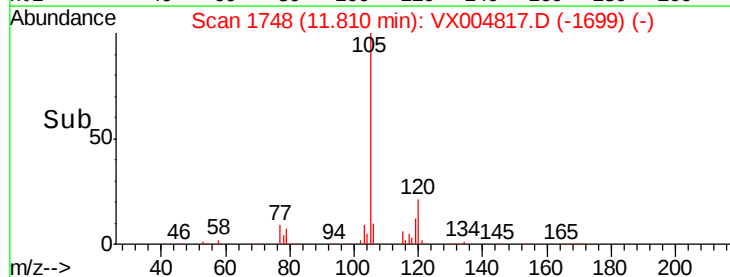
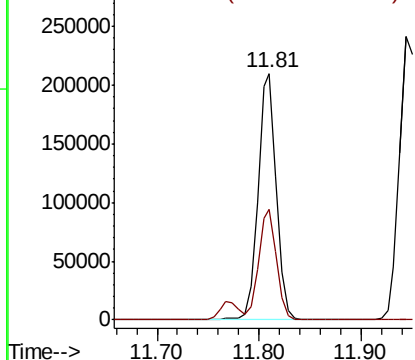


#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.097 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Tgt Ion:105 Resp: 264498  
 Ion Ratio Lower Upper  
 105 100  
 120 44.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.029 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampled :

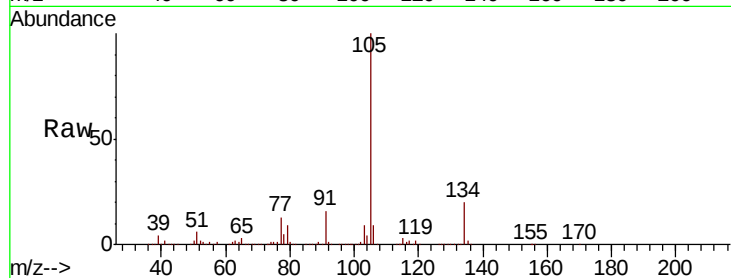
VX0928WBS01

Tot Ion:105 Resp: 305796

Ion Ratio Lower Upper

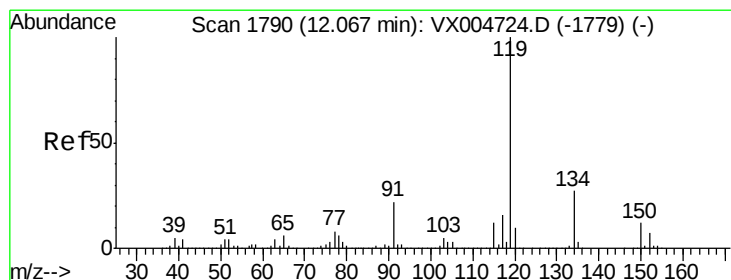
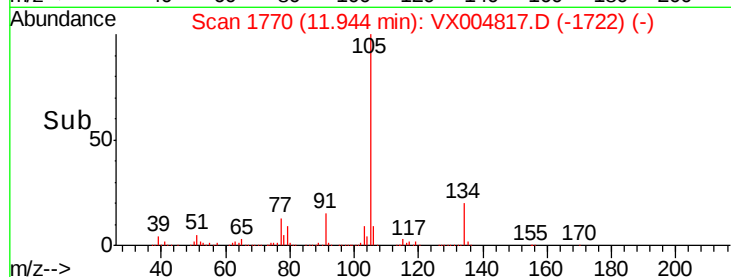
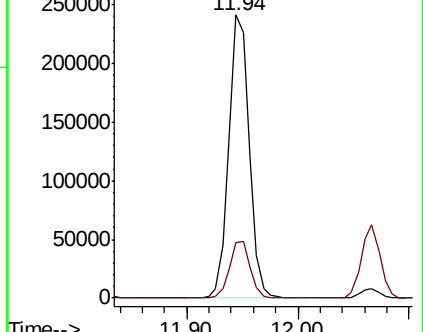
105 100

134 20.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.956 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

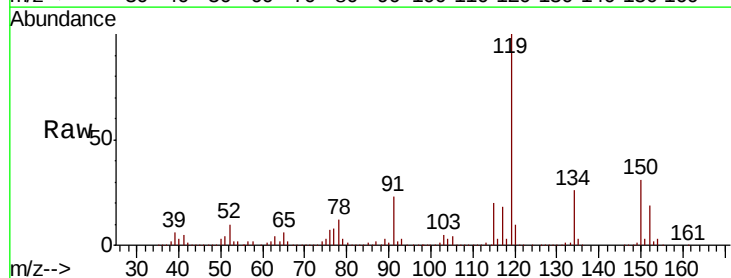
Tgt Ion:119 Resp: 276137

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

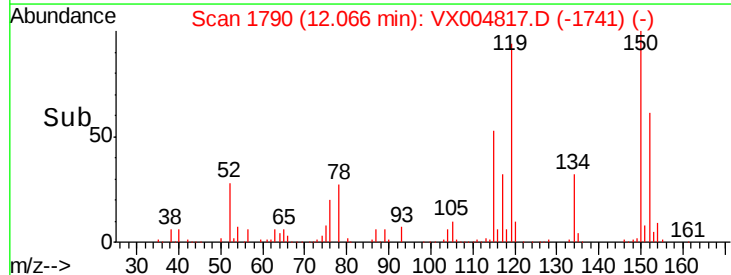
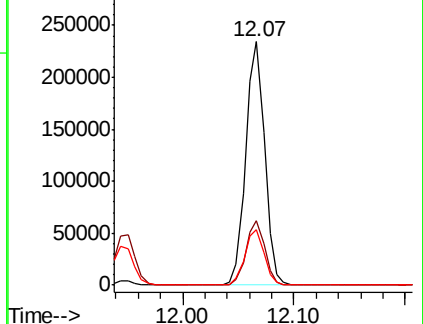
91 23.2 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

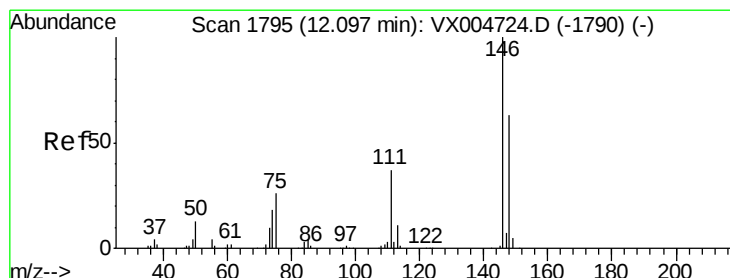
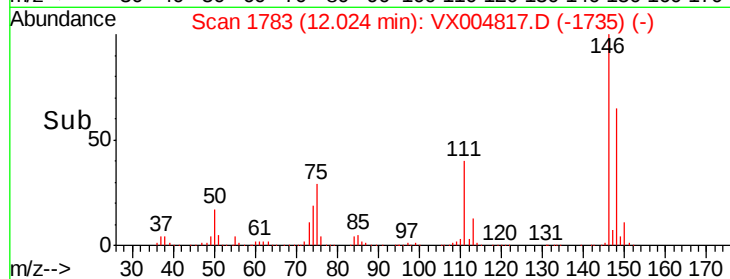
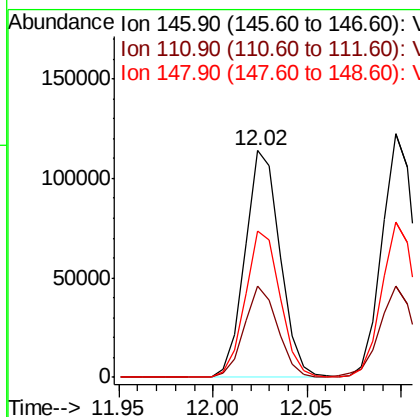
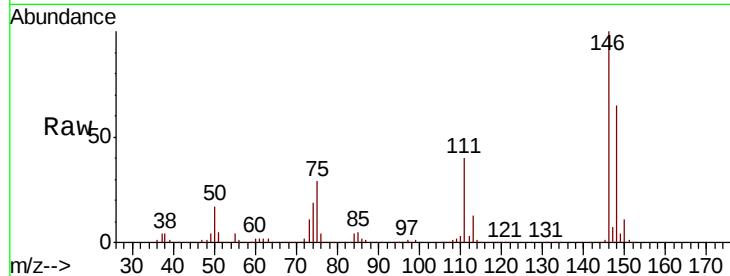




#87  
 1,3-Dichlorobenzene  
 Concen: 19.623 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.01 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

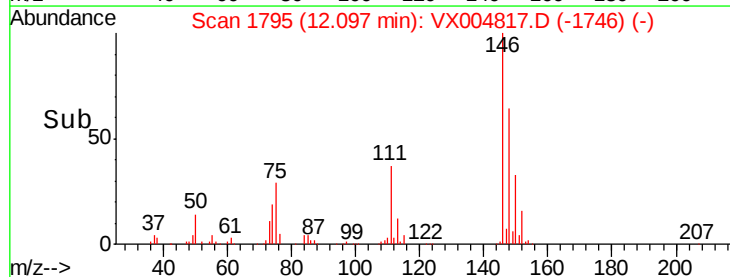
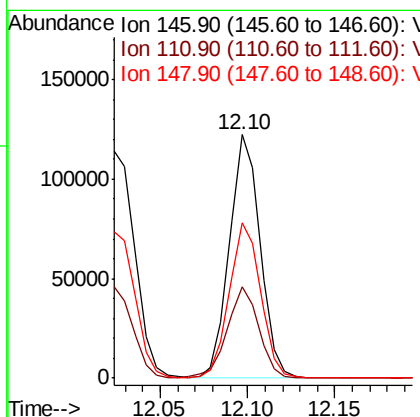
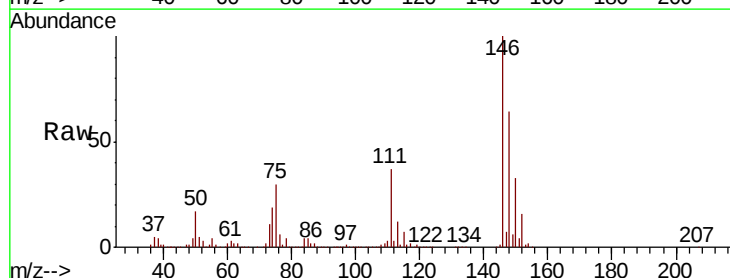
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

Tot Ion:146 Resp: 147323  
 Ion Ratio Lower Upper  
 146 100  
 111 38.4 18.7 56.1  
 148 64.2 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.357 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

Tgt Ion:146 Resp: 150017  
 Ion Ratio Lower Upper  
 146 100  
 111 38.7 18.1 54.1  
 148 65.0 32.0 96.0

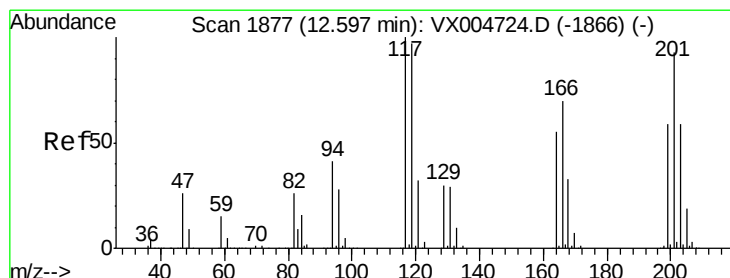
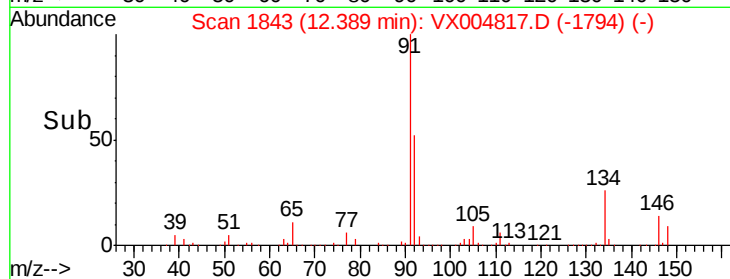
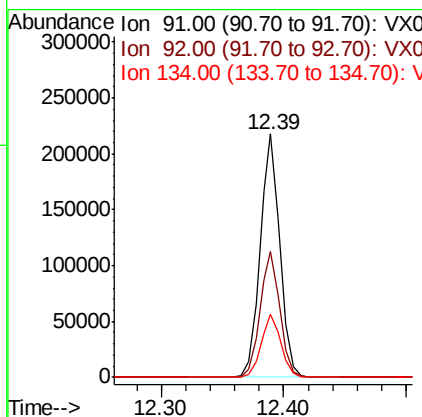
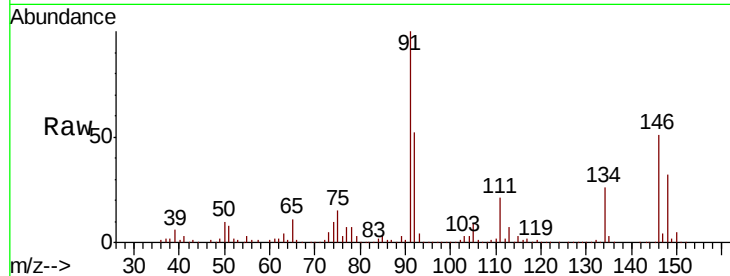




#89  
n-Butylbenzene  
Concen: 21.431 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

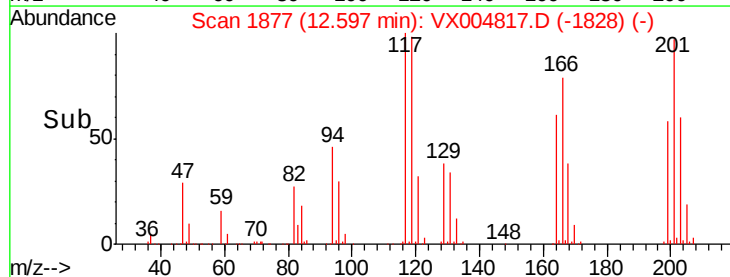
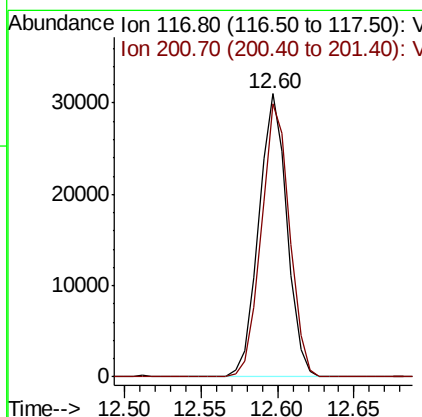
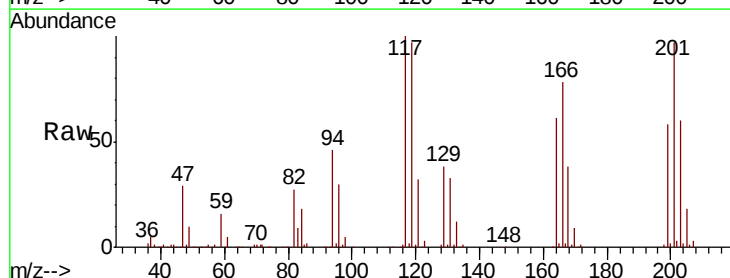
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0928WBS01

Tot Ion: 91 Resp: 244788  
Ion Ratio Lower Upper  
91 100  
92 52.0 27.3 81.9  
134 25.8 13.6 40.7



#90  
Hexachloroethane  
Concen: 19.097 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion: 117 Resp: 39990  
Ion Ratio Lower Upper  
117 100  
201 96.6 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 18.757 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

Instrument :

MSVOA\_X

ClientSampled :

VX0928WBS01

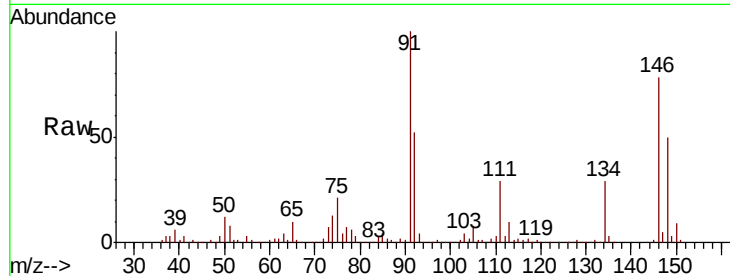
Tot Ion:146 Resp: 147165

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.1

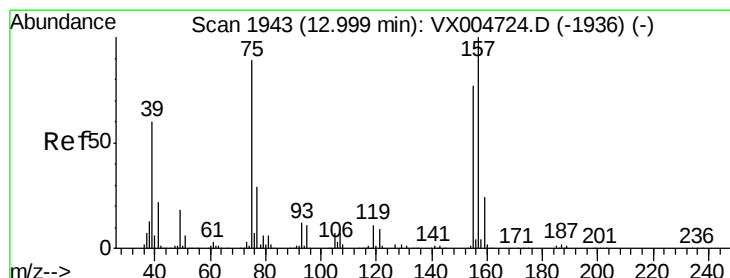
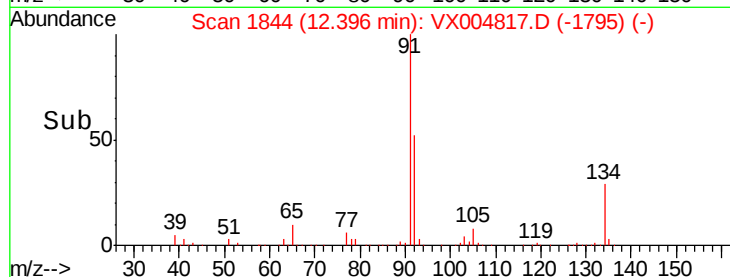
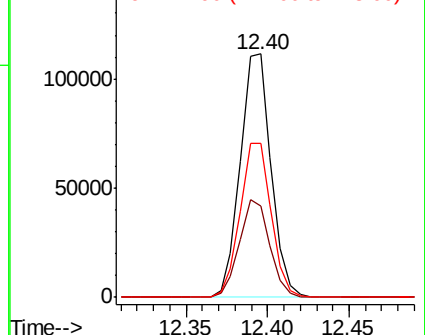
148 63.9 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.449 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004817.D

Acq: 28 Sep 2018 13:25

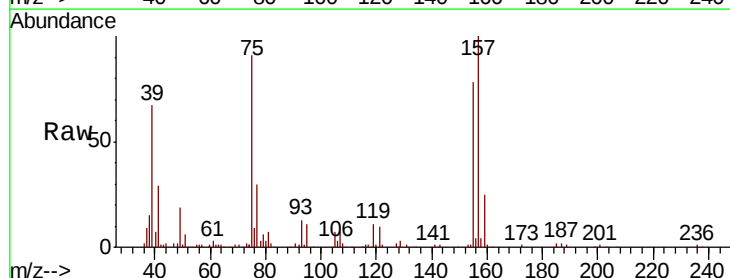
Tgt Ion: 75 Resp: 22825

Ion Ratio Lower Upper

75 100

155 91.2 48.0 144.2

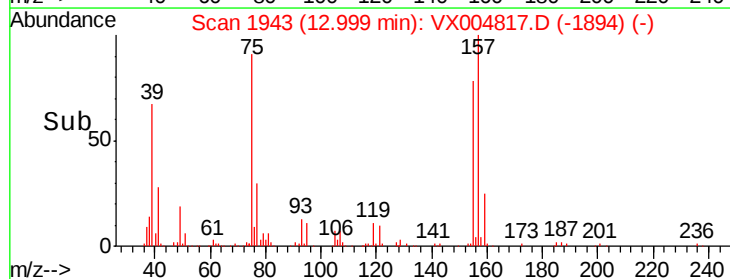
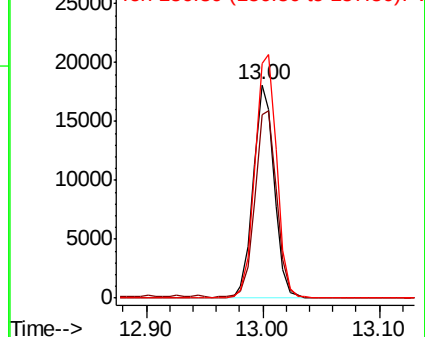
157 117.6 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

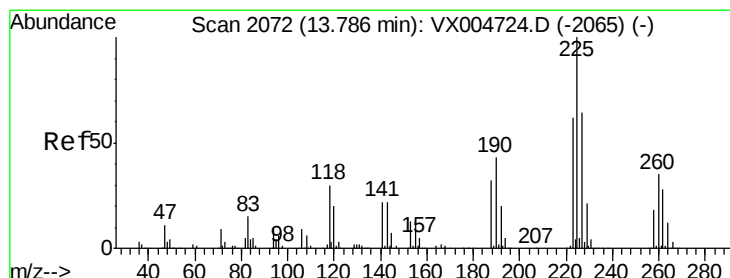
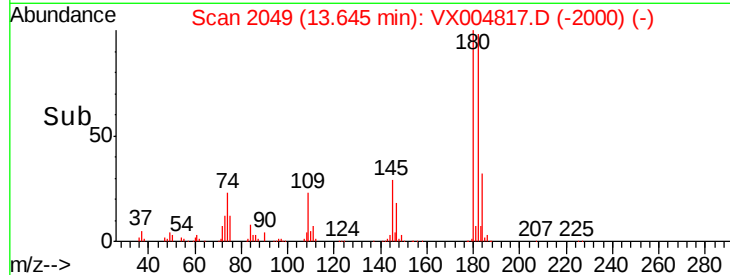
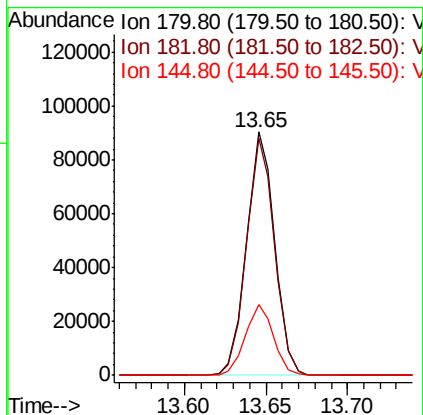
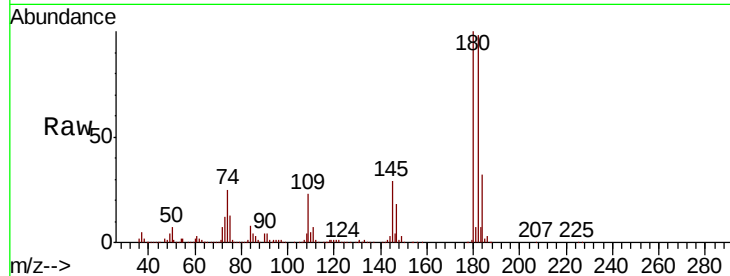




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.802 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

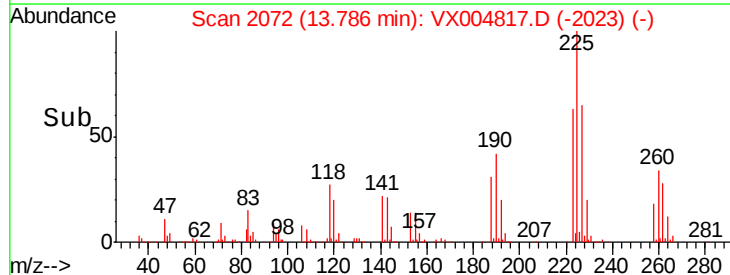
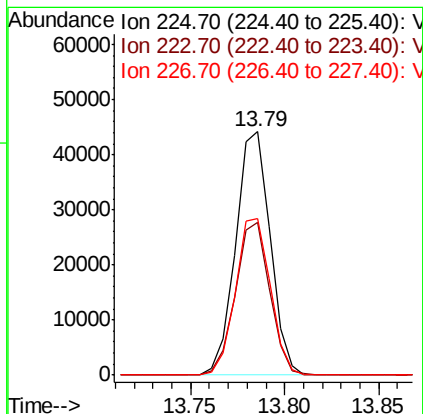
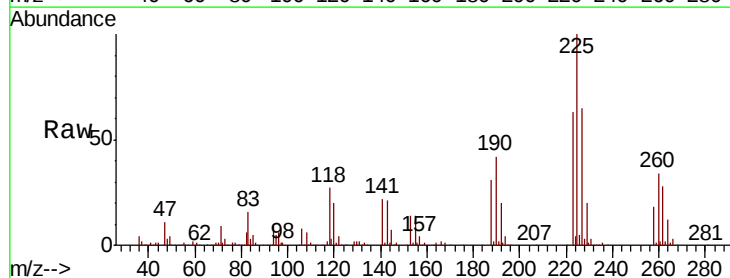
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0928WBS01

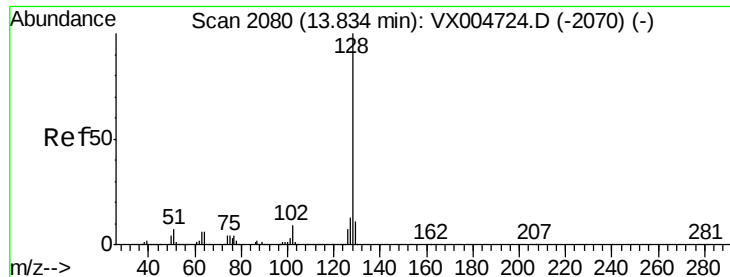
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.9  | 48.4  | 145.0 |
| 145     | 29.2  | 14.3  | 42.9  |



#94  
 Hexachlorobutadiene  
 Concen: 19.667 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: VX004817.D  
 Acq: 28 Sep 2018 13:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 30.1  | 90.5  |
| 227     | 64.8  | 30.8  | 92.4  |

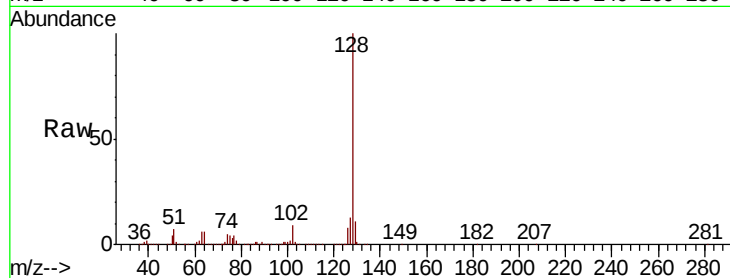




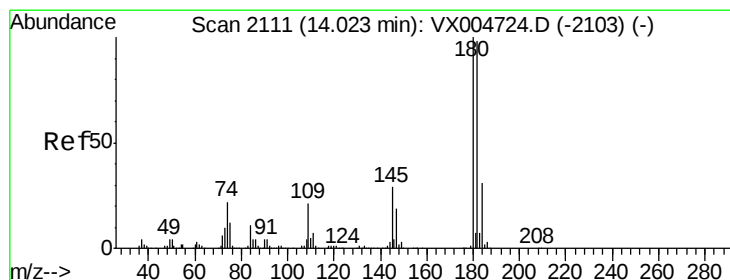
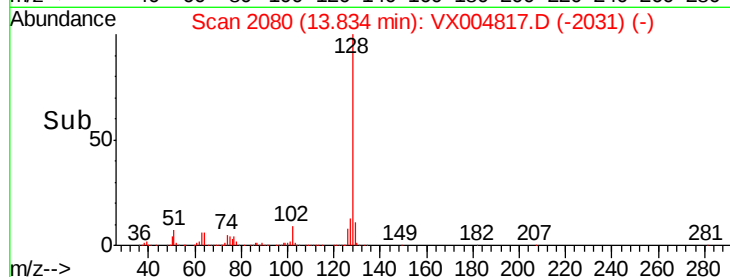
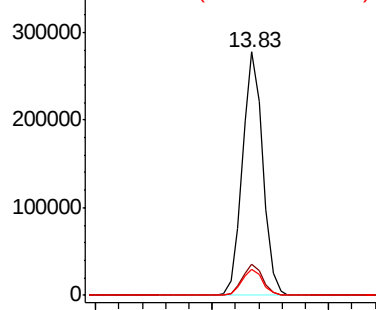
#95  
Naphthalene  
Concen: 18.967 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0928WBS01

Tot Ion:128 Resp: 338202  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.2  
129 10.9 8.6 12.8

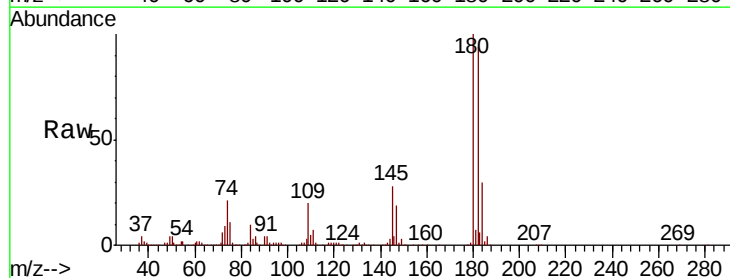


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 20.133 ug/l  
RT: 14.02 min Scan# 2111  
Delta R.T. -0.00 min  
Lab File: VX004817.D  
Acq: 28 Sep 2018 13:25

Tgt Ion:180 Resp: 114466  
Ion Ratio Lower Upper  
180 100  
182 95.0 48.5 145.6  
145 30.1 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

