

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
 Data File : VX009810.D  
 Acq On : 22 May 2019 17:30  
 Operator : JC/SP  
 Sample : K2977-10 40X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-PZ-W1-2

Quant Time: May 23 07:18:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 09 07:31:15 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 169945   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 271885   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 239672   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 105279   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 117040   | 50.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.90% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 84229    | 49.28 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.56%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 344717   | 49.96 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.92%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 117050   | 46.68 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.36%  |      |

## Target Compounds

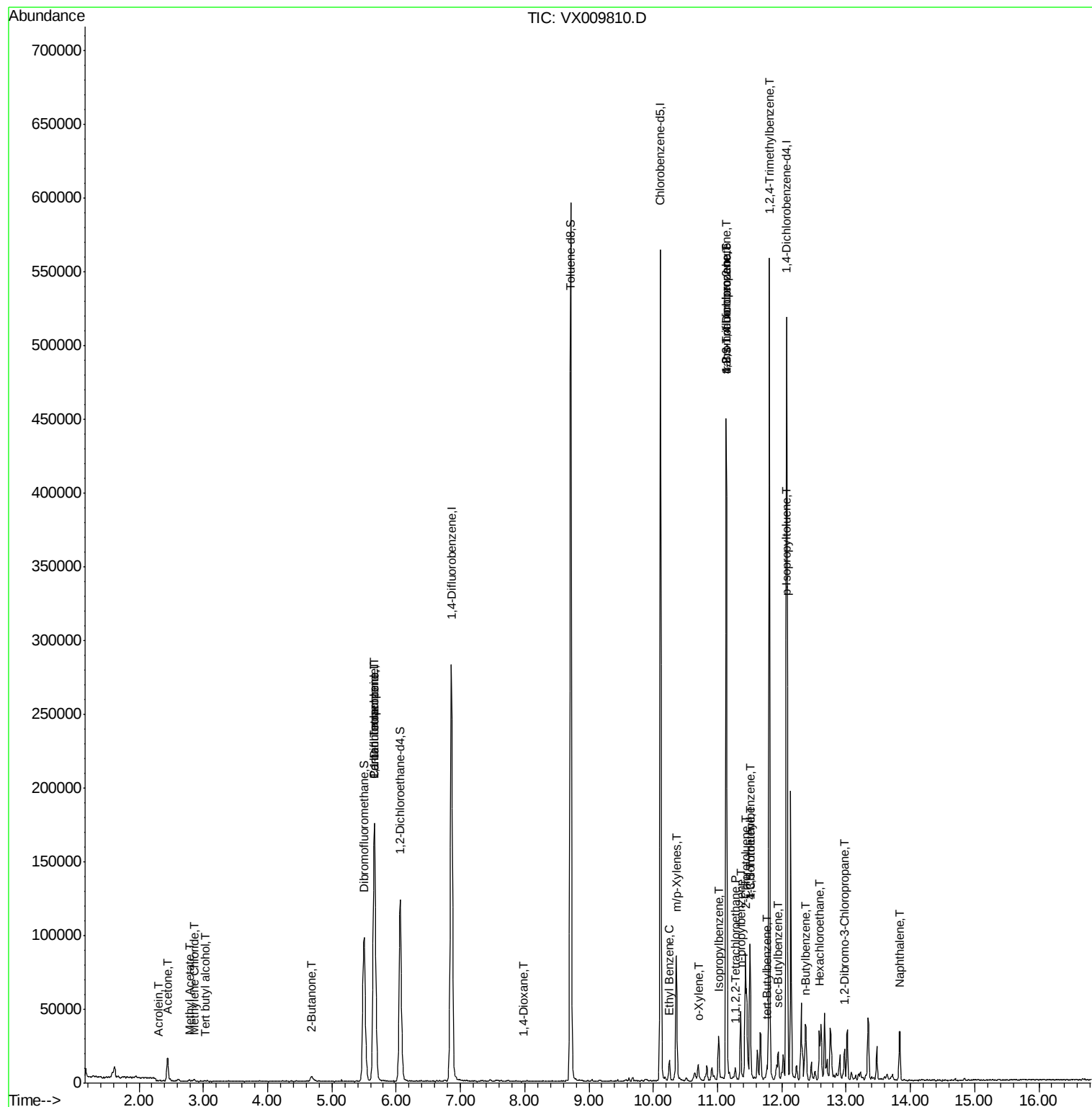
|                                |       |     |        |           |        | Qvalue |
|--------------------------------|-------|-----|--------|-----------|--------|--------|
| 11) Tert butyl alcohol         | 3.04  | 59  | 250    | 0.466     | ug/l # | 84     |
| 13) Acrolein                   | 2.29  | 56  | 110    | 0.226     | ug/l # | 81     |
| 16) Acetone                    | 2.44  | 43  | 17348  | 13.926    | ug/l   | 99     |
| 18) Methyl Acetate             | 2.78  | 43  | 1393   | 0.470     | ug/l   | 91     |
| 20) Methylene Chloride         | 2.86  | 84  | 446    | 0.221     | ug/l # | 81     |
| 25) 2-Butanone                 | 4.68  | 43  | 6295   | 3.252     | ug/l   | 98     |
| 28) Bromochloromethane         | 4.99  | 49  | 22     | Below Cal | #      | 20     |
| 36) 1,1-Dichloropropene        | 5.67  | 75  | 13890  | 5.497     | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 5.66  | 117 | 16038  | 6.986     | ug/l # | 15     |
| 49) 1,4-Dioxane                | 7.98  | 88  | 22     | 0.388     | ug/l # | 1      |
| 67) Ethyl Benzene              | 10.25 | 91  | 7397   | 0.838     | ug/l   | 99     |
| 68) m/p-Xylenes                | 10.36 | 106 | 19381  | 6.011     | ug/l   | 97     |
| 69) o-Xylene                   | 10.69 | 106 | 2239   | 0.704     | ug/l   | 97     |
| 73) Isopropylbenzene           | 11.02 | 105 | 13680  | 1.787     | ug/l   | 97     |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83  | 611    | 0.214     | ug/l # | 25     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 60326  | 24.703    | ug/l # | 34     |
| 78) n-propylbenzene            | 11.36 | 91  | 27694  | 3.167     | ug/l   | 100    |
| 79) 2-Chlorotoluene            | 11.43 | 91  | 7754   | 1.437     | ug/l # | 42     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 37486  | 5.815     | ug/l   | 99     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 60326  | 63.205    | ug/l # | 10     |
| 82) 4-Chlorotoluene            | 11.51 | 91  | 4263   | 0.700     | ug/l # | 46     |
| 83) tert-Butylbenzene          | 11.77 | 119 | 1921   | 0.306     | ug/l   | 95     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105 | 227205 | 35.115    | ug/l   | 99     |
| 85) sec-Butylbenzene           | 11.94 | 105 | 8700   | 1.170     | ug/l   | 79     |
| 86) p-Isopropyltoluene         | 12.06 | 119 | 5677   | 0.849     | ug/l   | 91     |
| 89) n-Butylbenzene             | 12.38 | 91  | 6369   | 1.054     | ug/l # | 42     |
| 90) Hexachloroethane           | 12.58 | 117 | 1391   | 1.222     | ug/l # | 7      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75  | 144    | 0.225     | ug/l # | 2      |
| 95) Naphthalene                | 13.83 | 128 | 20204  | 2.632     | ug/l   | 99     |

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

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ClientSampleId :  
EP1-PZ-W1-2

Quant Time: May 23 07:18:00 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X042919W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 09 07:31:15 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampleId :

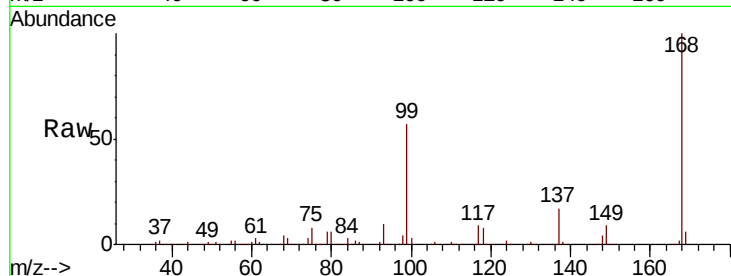
EP1-PZ-W1-2

Tot Ion:168 Resp: 169945

Ion Ratio Lower Upper

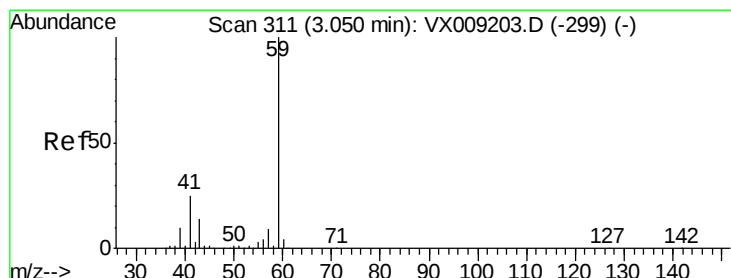
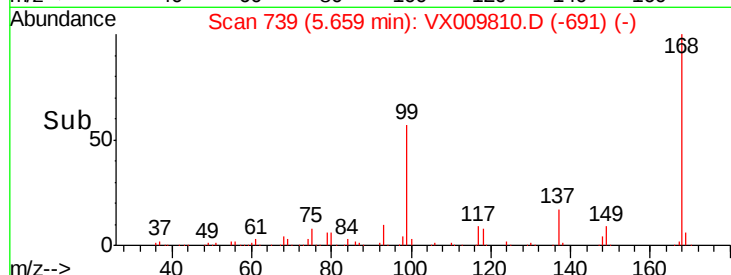
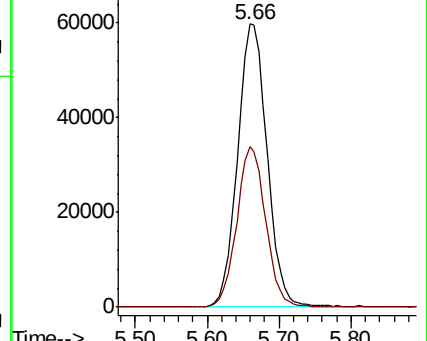
168 100

99 56.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 0.466 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009810.D

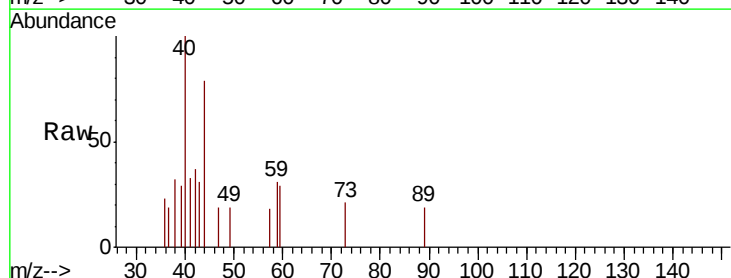
Acq: 22 May 2019 17:30

Tgt Ion: 59 Resp: 250

Ion Ratio Lower Upper

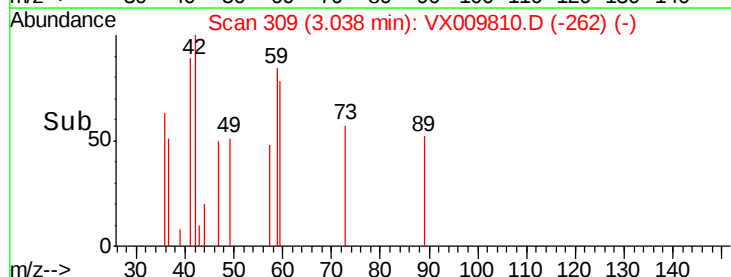
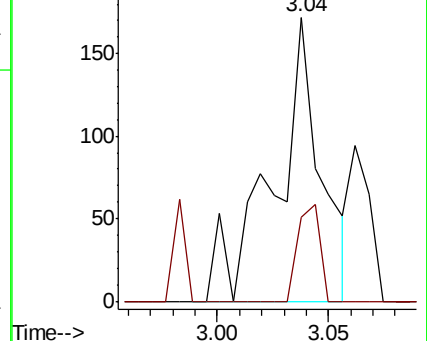
59 100

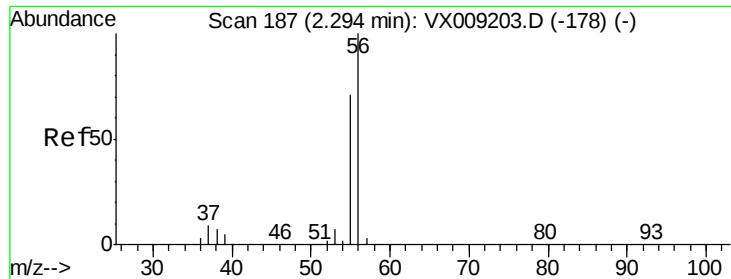
57 16.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

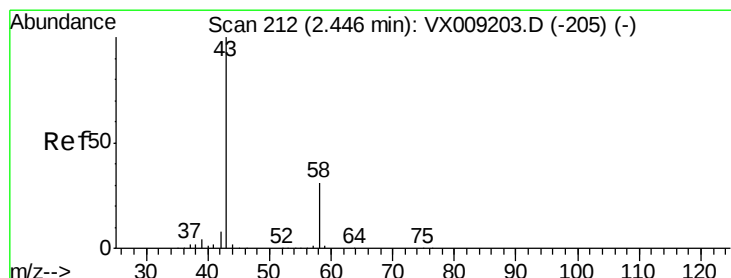
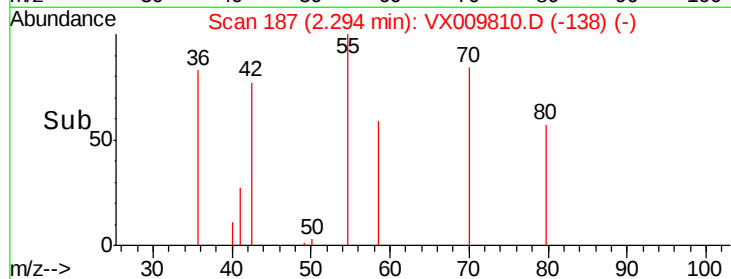
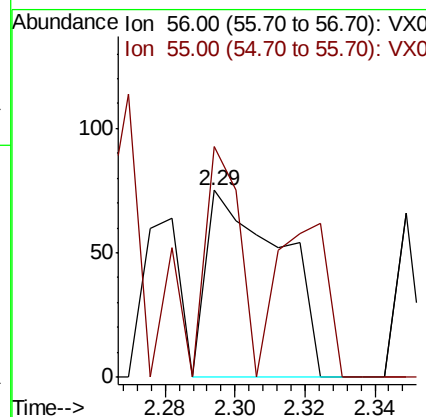
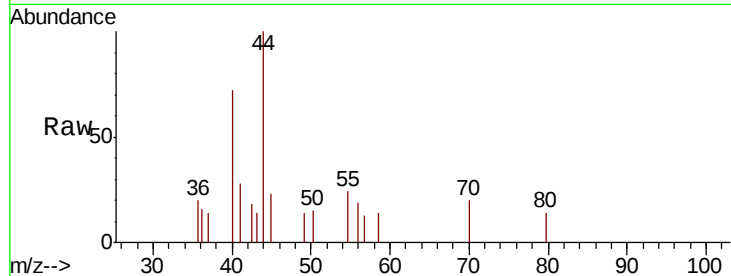




#13  
Acrolein  
Concen: 0.226 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. 0.00 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

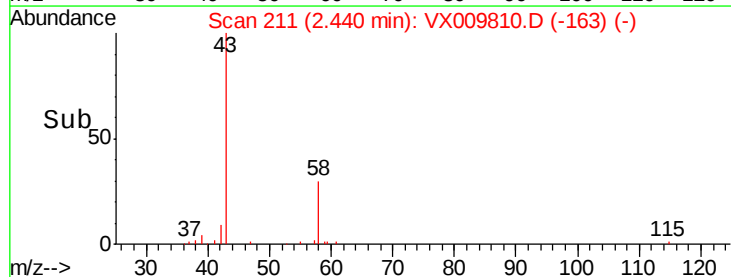
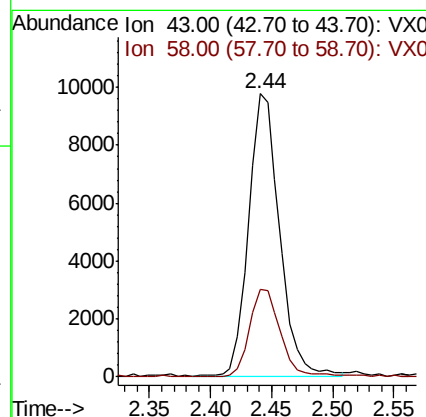
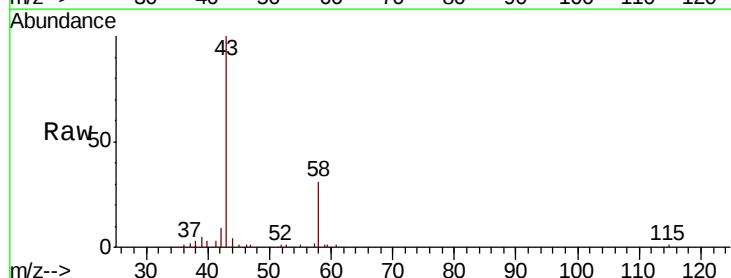
Instrument :  
MSVOA\_X  
ClientSampled :  
EP1-PZ-W1-2

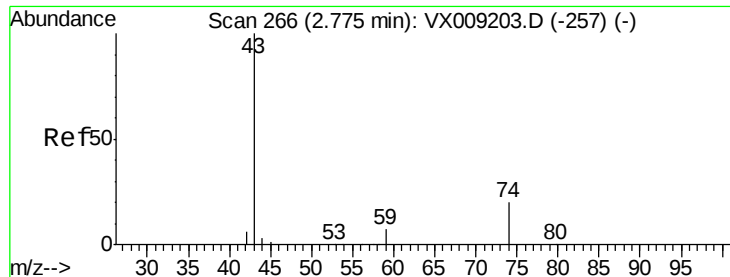
Tot Ion: 56 Resp: 110  
Ion Ratio Lower Upper  
56 100  
55 55.5 56.6 85.0#



#16  
Acetone  
Concen: 13.926 ug/l  
RT: 2.44 min Scan# 211  
Delta R.T. -0.01 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Tgt Ion: 43 Resp: 17348  
Ion Ratio Lower Upper  
43 100  
58 30.8 24.9 37.3

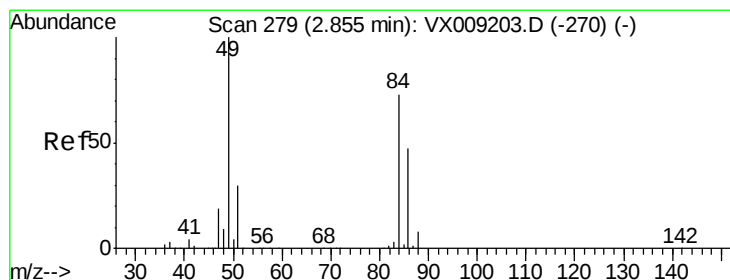
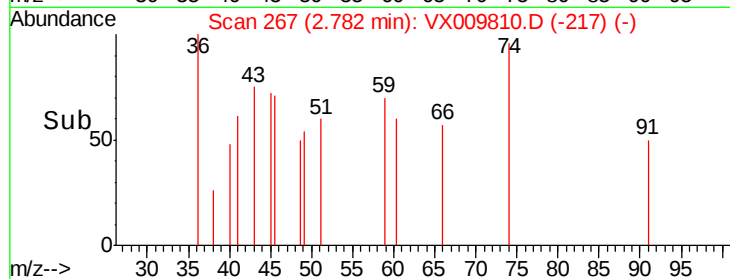
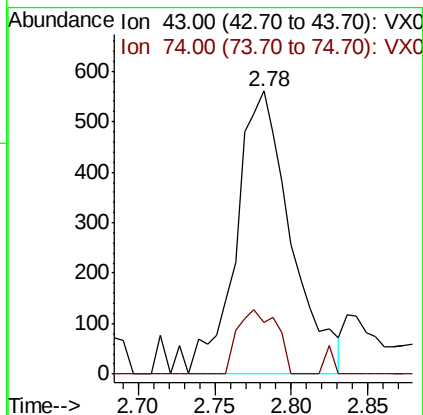
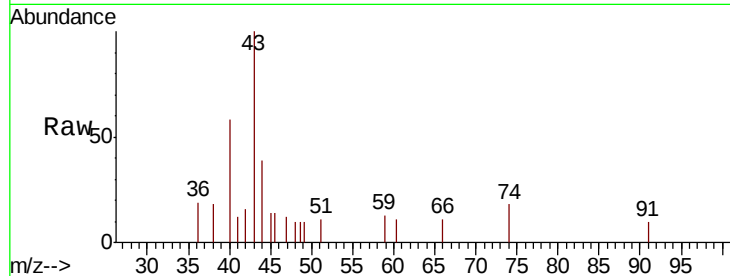




#18  
Methyl Acetate  
Concen: 0.470 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.01 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

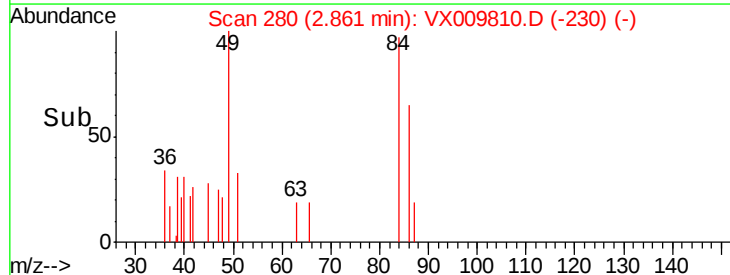
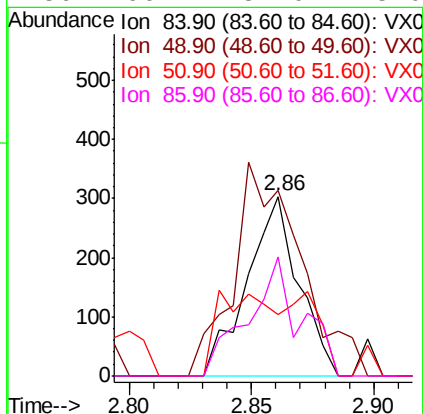
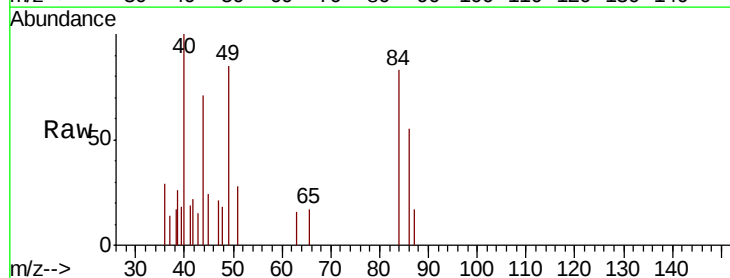
Instrument :  
MSVOA\_X  
ClientSampled :  
EP1-PZ-W1-2

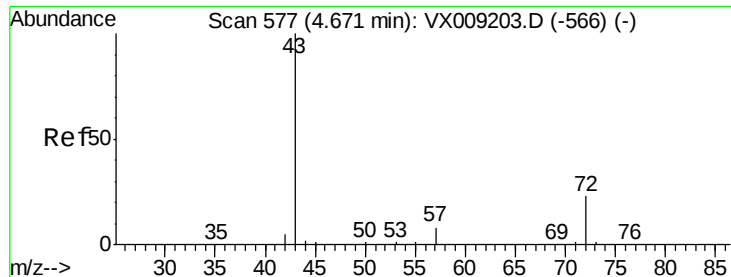
Tot Ion: 43 Resp: 1393  
Ion Ratio Lower Upper  
43 100  
74 16.3 16.2 24.4



#20  
Methylene Chloride  
Concen: 0.221 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Tgt Ion: 84 Resp: 446  
Ion Ratio Lower Upper  
84 100  
49 103.0 109.9 164.9#  
51 33.9 32.7 49.1  
86 66.4 52.0 78.0





#25

2-Butanone

Concen: 3.252 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampleId :

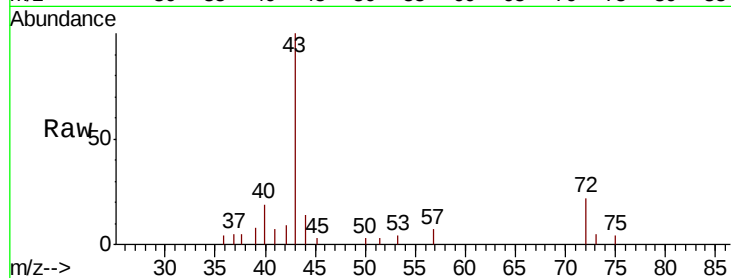
EP1-PZ-W1-2

Tot Ion: 43 Resp: 6295

Ion Ratio Lower Upper

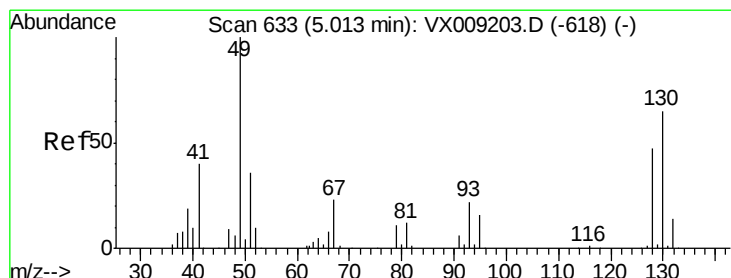
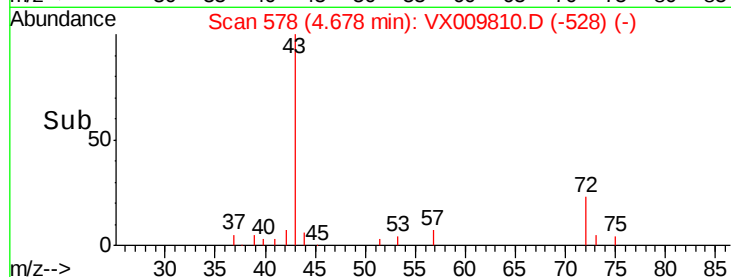
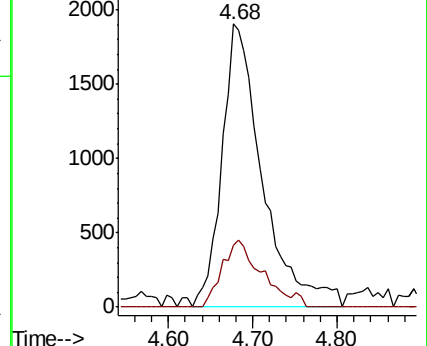
43 100

72 21.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 4.99 min Scan# 630

Delta R.T. -0.02 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

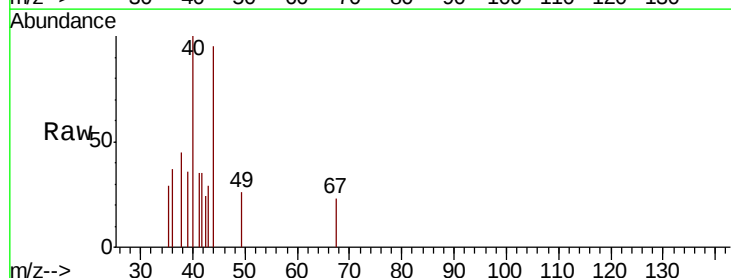
Tgt Ion: 49 Resp: 22

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

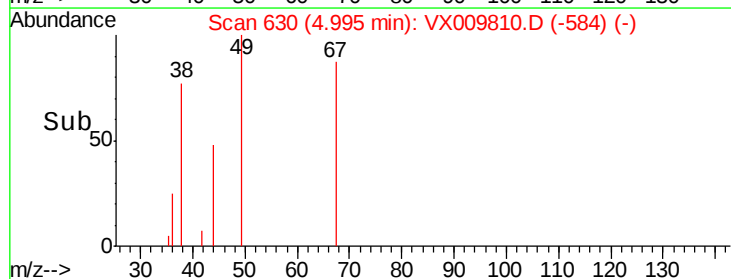
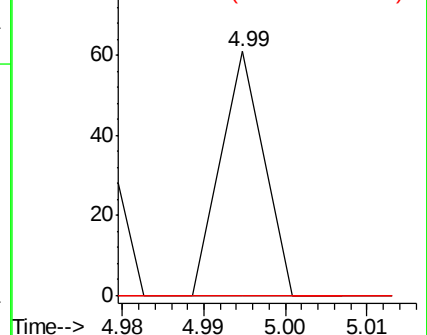
130 0.0 51.2 76.8#



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

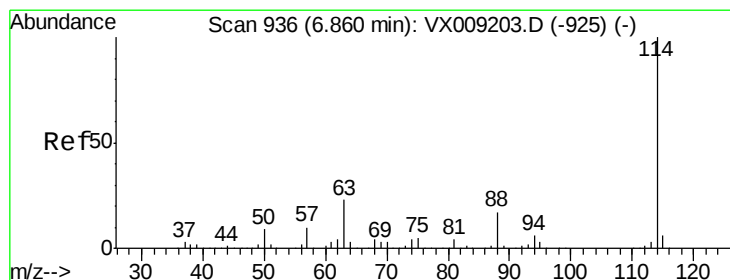
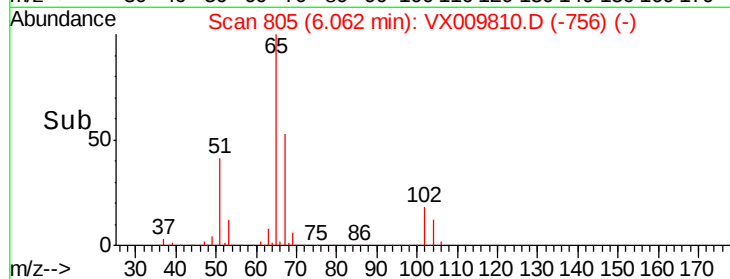
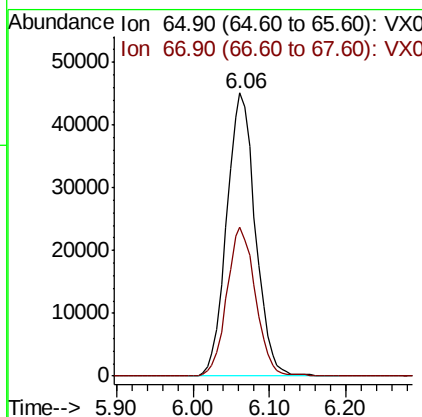
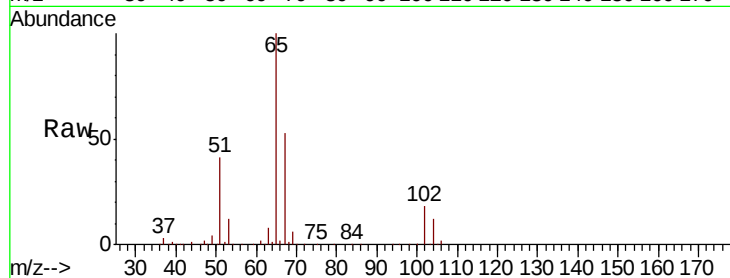




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.449 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX009810.D  
 Acq: 22 May 2019 17:30

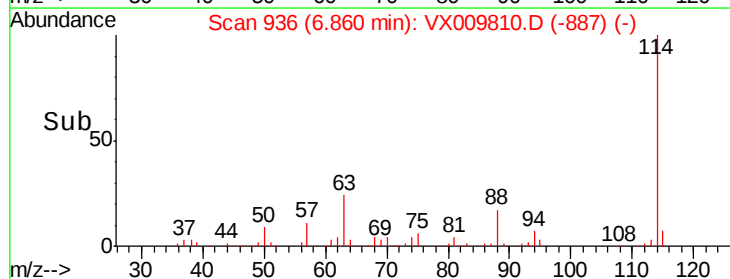
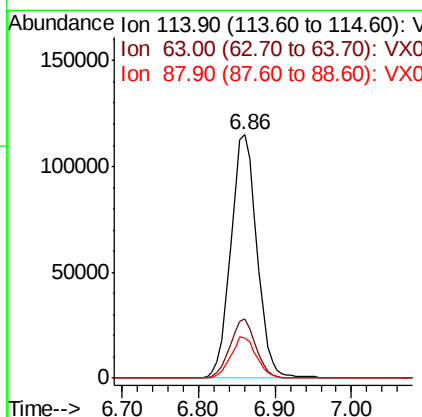
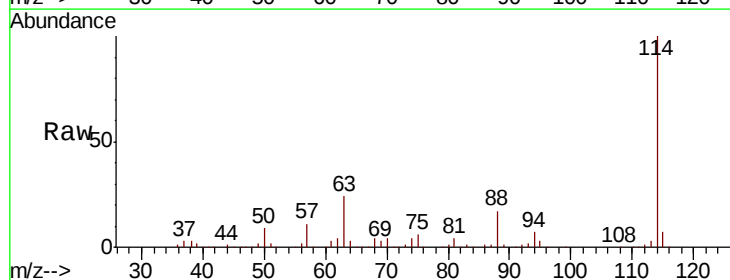
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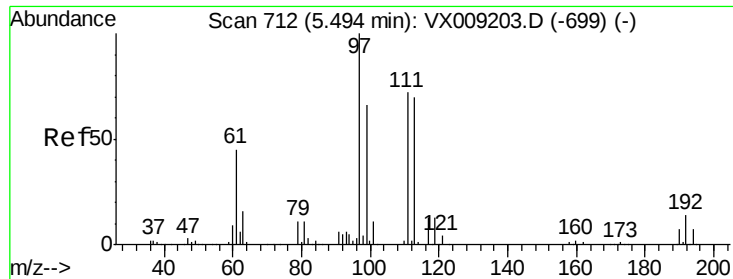
Tot Ion: 65 Resp: 117040  
 Ion Ratio Lower Upper  
 65 100  
 67 52.5 0.0 106.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX009810.D  
 Acq: 22 May 2019 17:30

Tgt Ion: 114 Resp: 271885  
 Ion Ratio Lower Upper  
 114 100  
 63 24.3 0.0 45.6  
 88 16.7 0.0 33.2

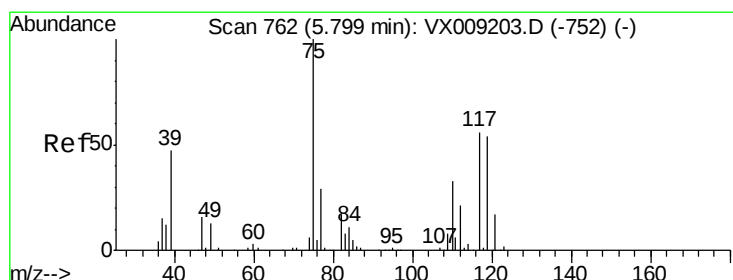
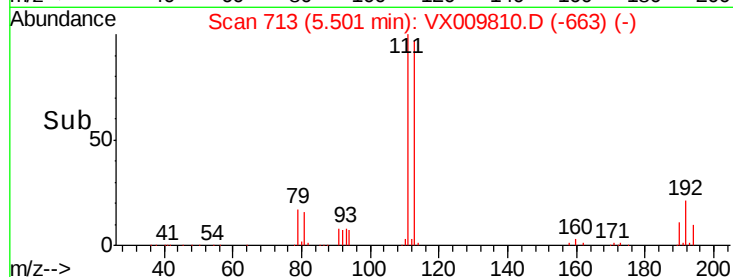
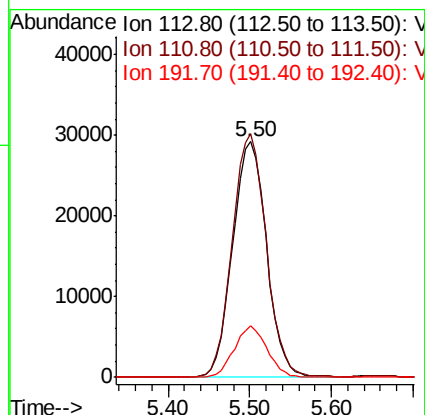
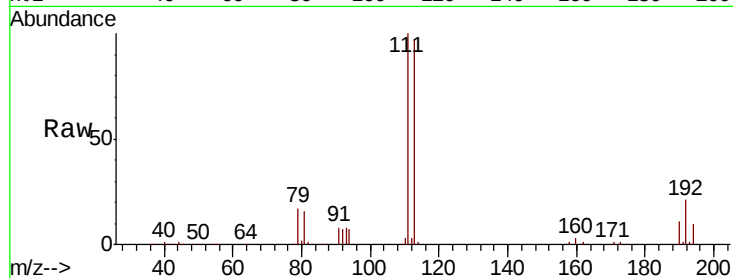




#35  
Dibromofluoromethane  
Concen: 49.280 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.01 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

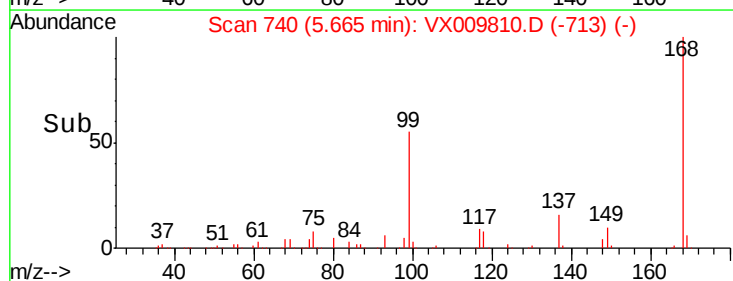
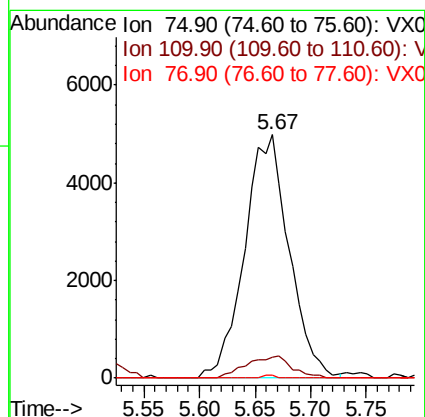
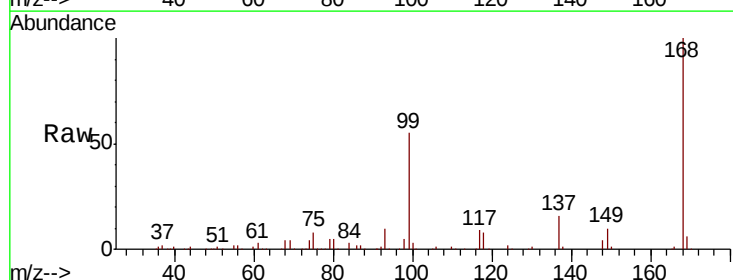
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EP1-PZ-W1-2

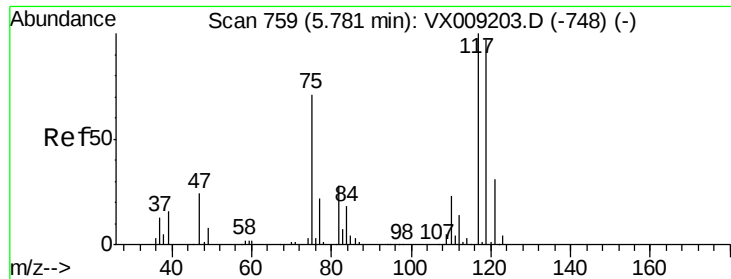
Tot Ion:113 Resp: 84229  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.8 124.2  
192 21.1 17.0 25.6



#36  
1,1-Dichloropropene  
Concen: 5.497 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. -0.13 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Tgt Ion: 75 Resp: 13890  
Ion Ratio Lower Upper  
75 100  
110 9.2 16.9 50.6#  
77 0.3 24.8 37.2#

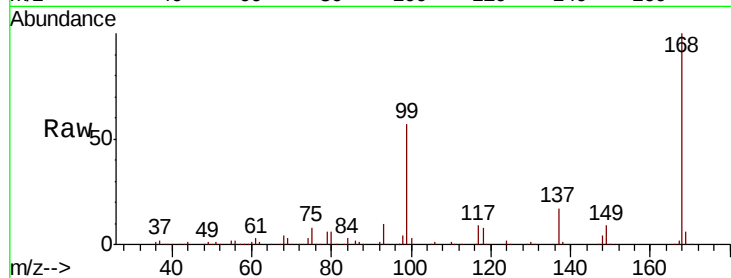




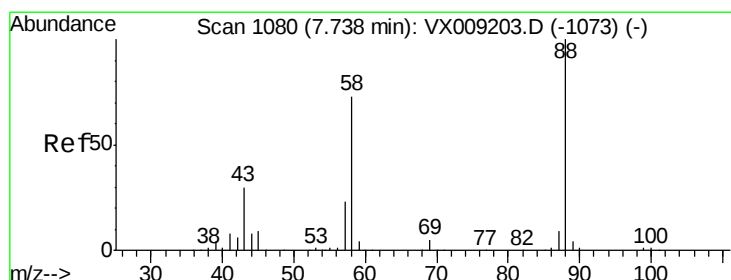
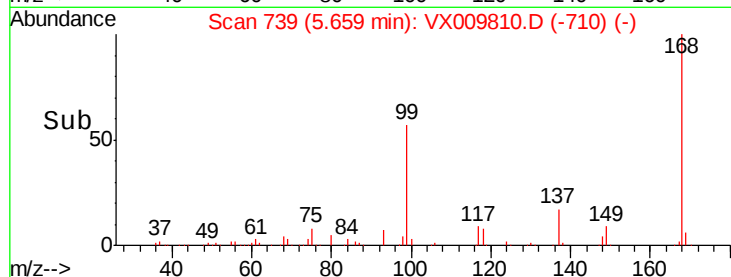
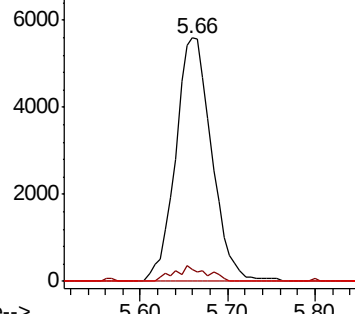
#38  
Carbon Tetrachloride  
Concen: 6.986 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. -0.12 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-PZ-W1-2

Tot Ion:117 Resp: 16038  
Ion Ratio Lower Upper  
117 100  
119 4.7 77.5 116.3#  
121 0.0 24.7 37.1#

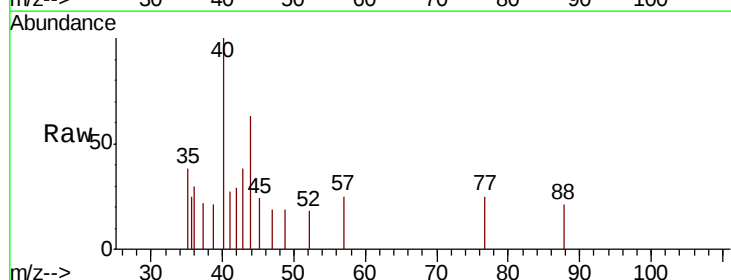


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

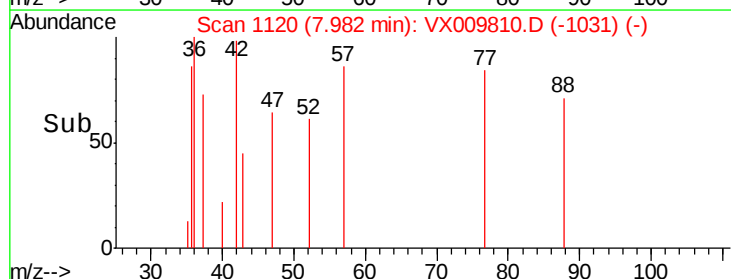
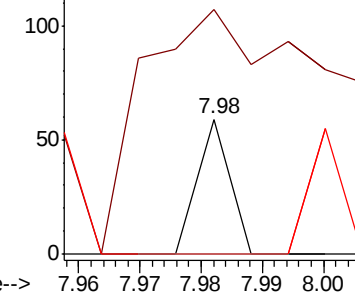


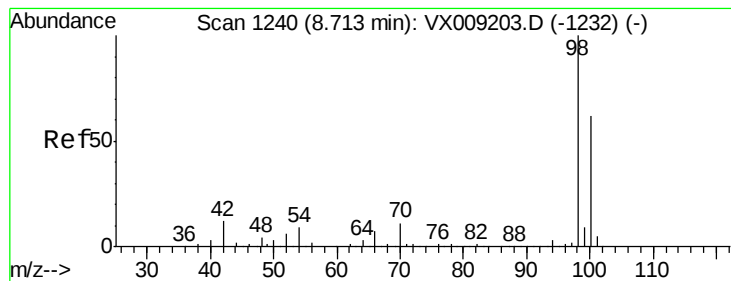
#49  
1,4-Dioxane  
Concen: 0.388 ug/l  
RT: 7.98 min Scan# 1120  
Delta R.T. 0.24 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Tgt Ion: 88 Resp: 22  
Ion Ratio Lower Upper  
88 100  
43 1109.1 28.6 42.8#  
58 90.9 61.7 92.5



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: 49.956 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampleId :

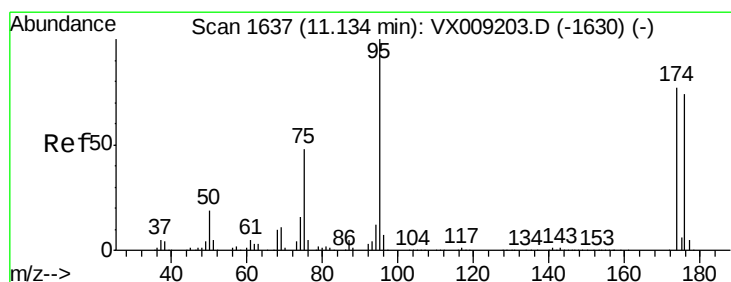
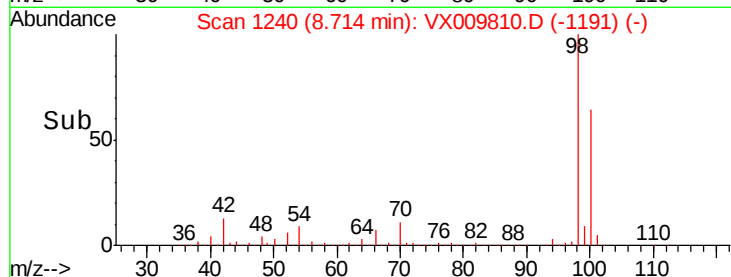
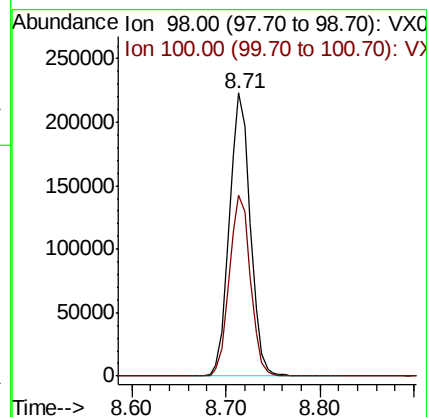
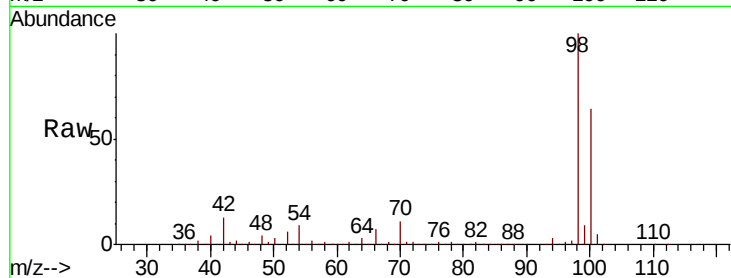
EP1-PZ-W1-2

Tot Ion: 98 Resp: 344717

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.683 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

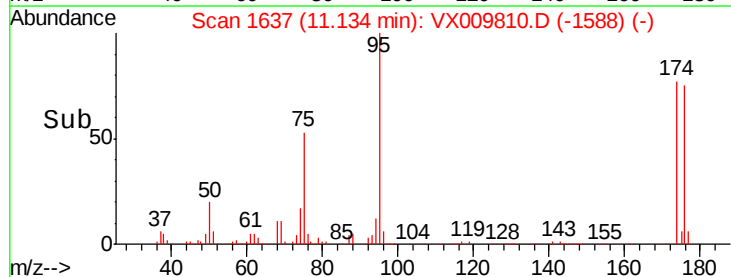
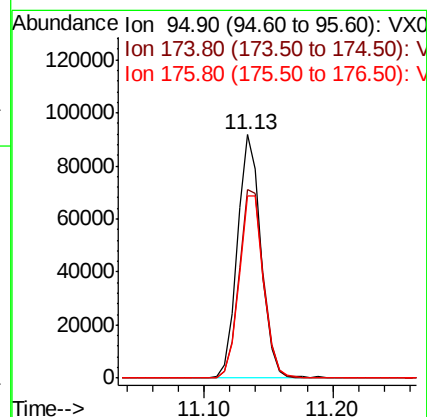
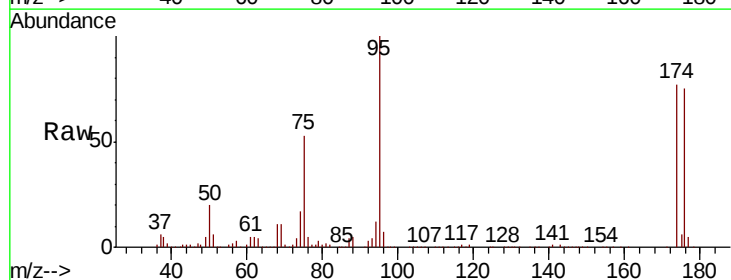
Tgt Ion: 95 Resp: 117050

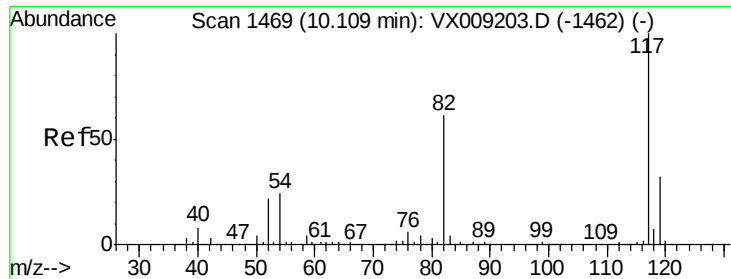
Ion Ratio Lower Upper

95 100

174 80.1 0.0 161.6

176 77.6 0.0 159.2

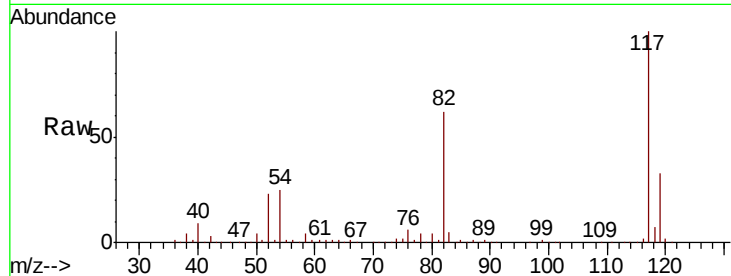




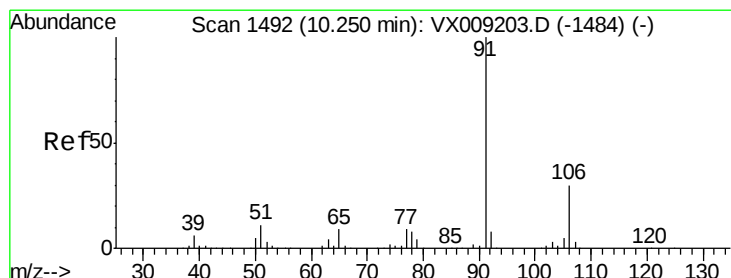
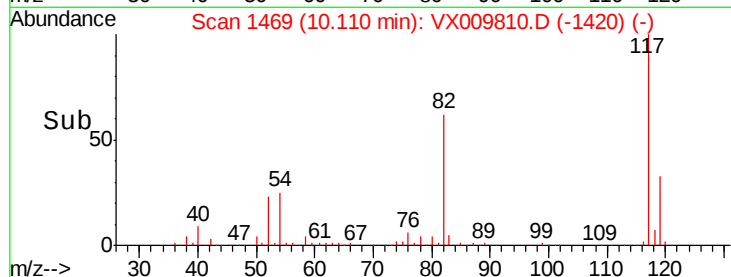
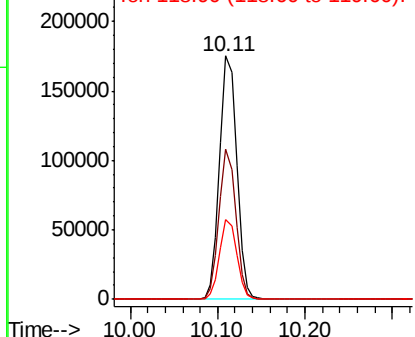
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-PZ-W1-2

Tot Ion:117 Resp: 239672  
Ion Ratio Lower Upper  
117 100  
82 61.6 48.8 73.2  
119 32.8 25.8 38.6

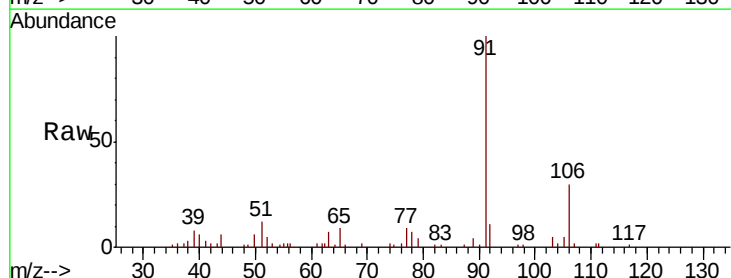


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

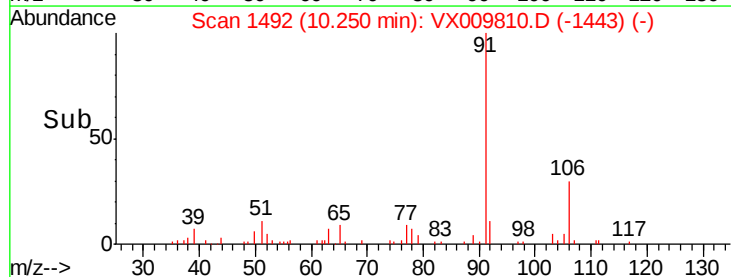
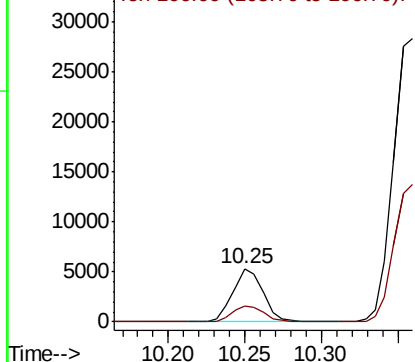


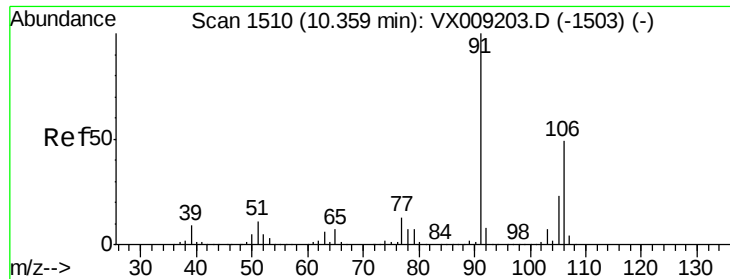
#67  
Ethyl Benzene  
Concen: 0.838 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Tgt Ion: 91 Resp: 7397  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 106.00 (105.70 to 106.70): V

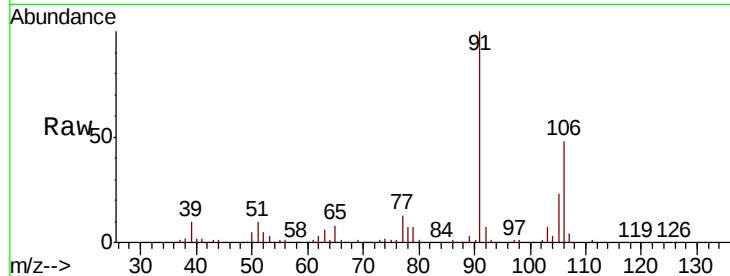




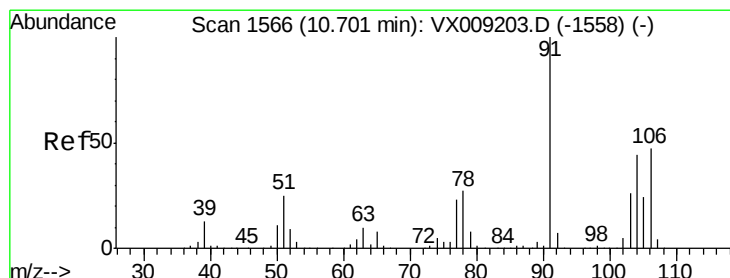
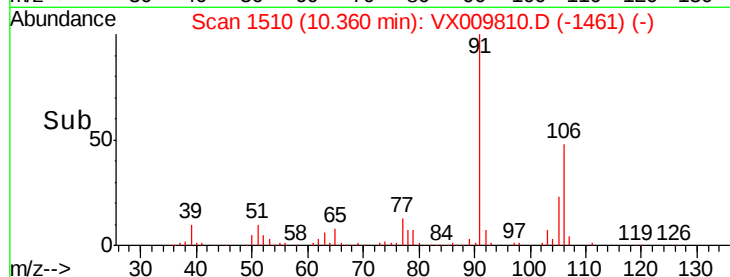
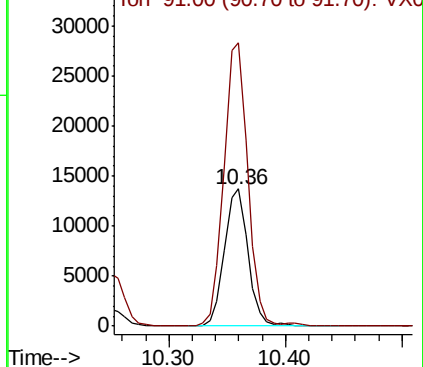
#68  
m/p-Xylenes  
Concen: 6.011 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-PZ-W1-2

Tot Ion:106 Resp: 19381  
Ion Ratio Lower Upper  
106 100  
91 209.3 164.0 246.0

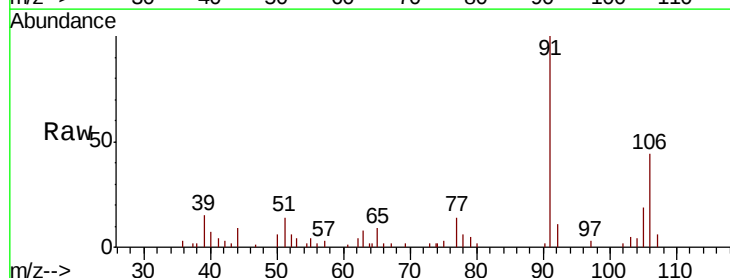


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

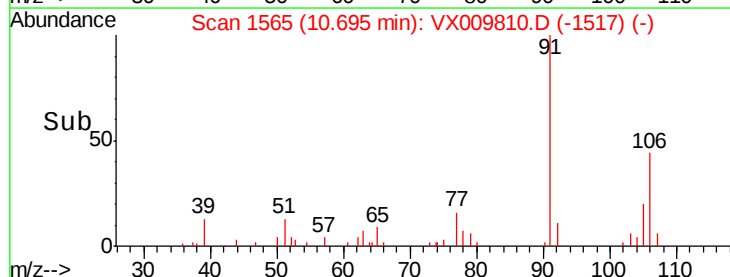
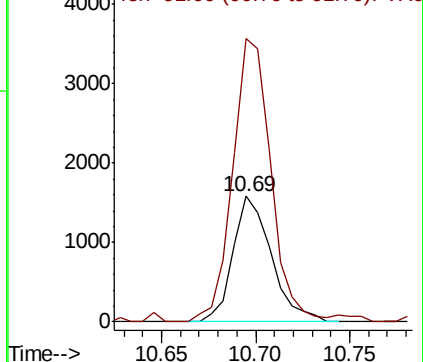


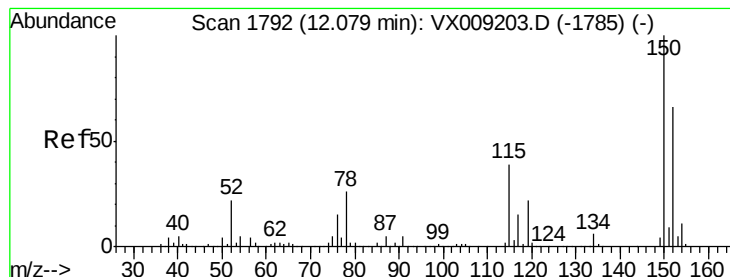
#69  
o-Xylene  
Concen: 0.704 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Tgt Ion:106 Resp: 2239  
Ion Ratio Lower Upper  
106 100  
91 224.0 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampleId :

EP1-PZ-W1-2

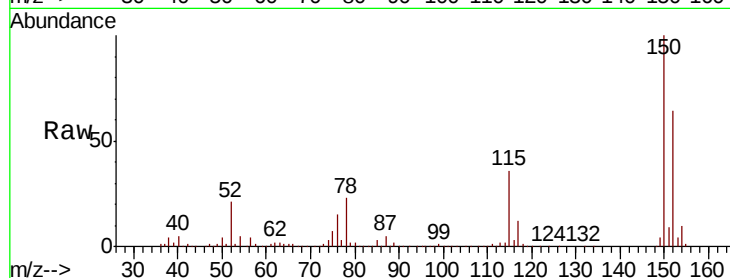
Tot Ion:152 Resp: 105279

Ion Ratio Lower Upper

152 100

115 57.8 41.2 123.6

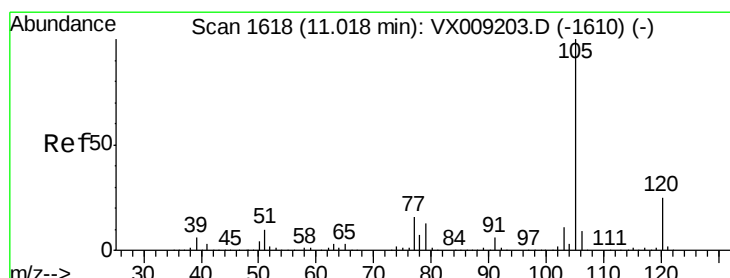
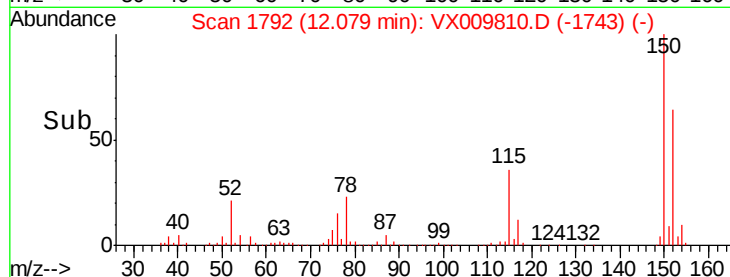
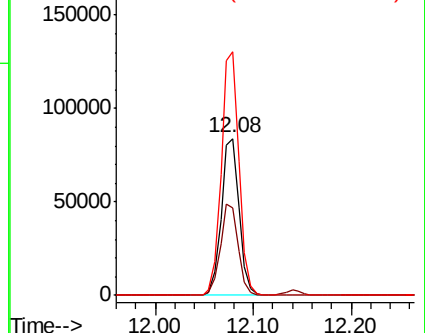
150 154.0 0.0 346.4



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: 1.787 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009810.D

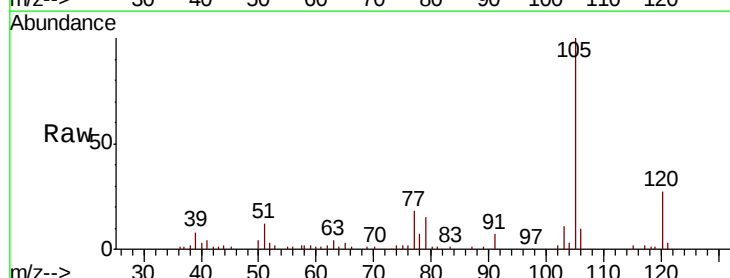
Acq: 22 May 2019 17:30

Tgt Ion:105 Resp: 13680

Ion Ratio Lower Upper

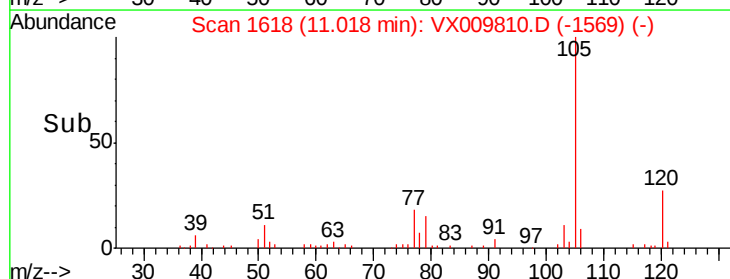
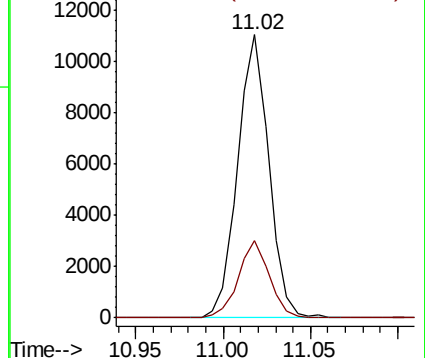
105 100

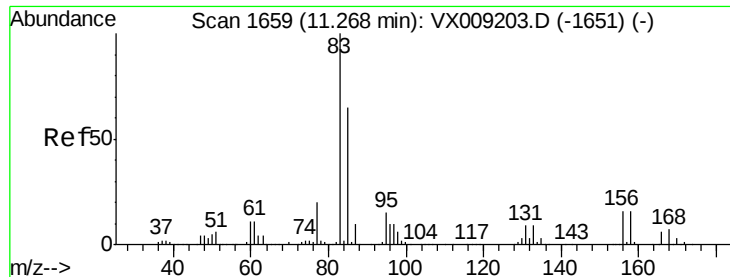
120 26.9 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.214 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampleId :

EP1-PZ-W1-2

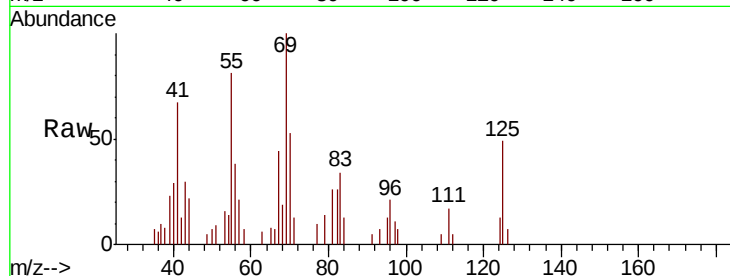
Tot Ion: 83 Resp: 611

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

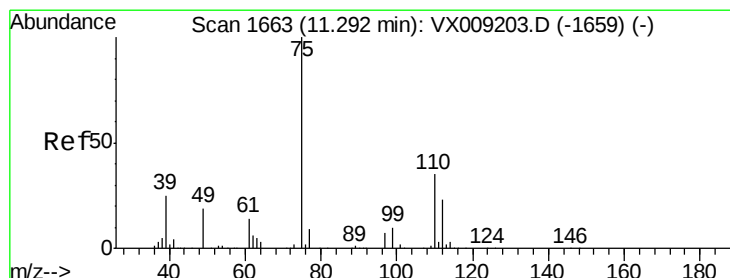
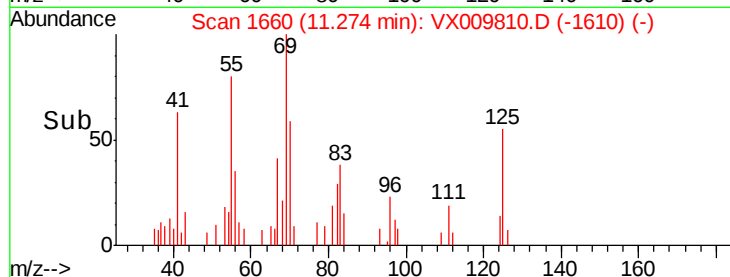
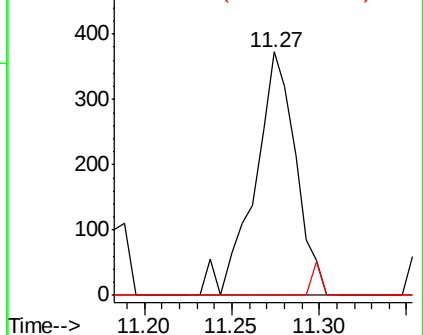
85 0.0 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.703 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009810.D

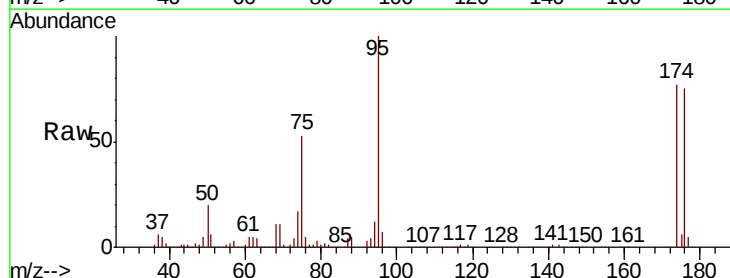
Acq: 22 May 2019 17:30

Tgt Ion: 75 Resp: 60326

Ion Ratio Lower Upper

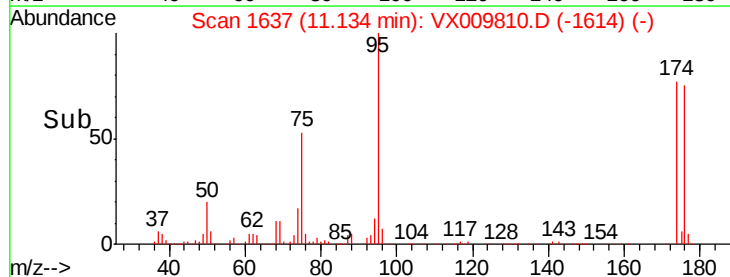
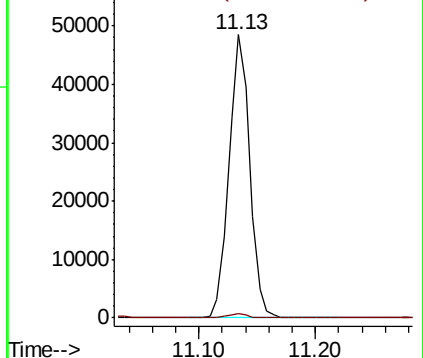
75 100

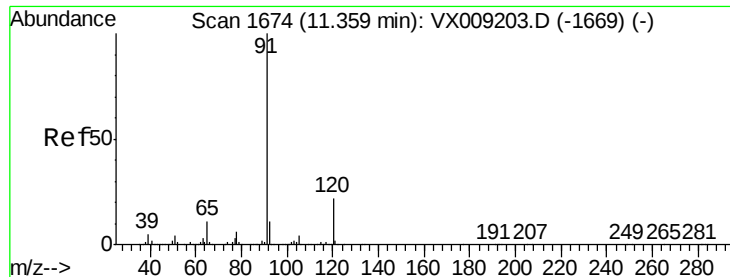
77 1.6 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.167 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampled :

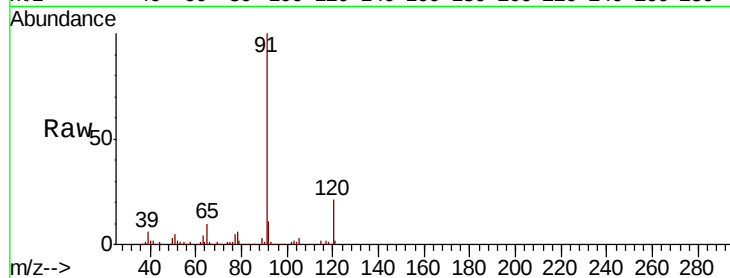
EP1-PZ-W1-2

Tot Ion: 91 Resp: 27694

Ion Ratio Lower Upper

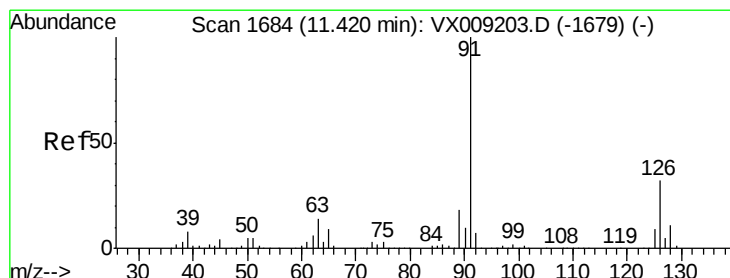
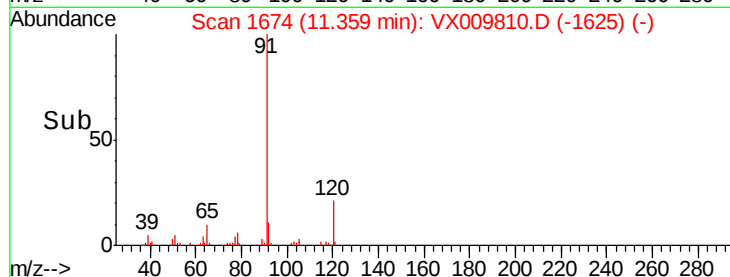
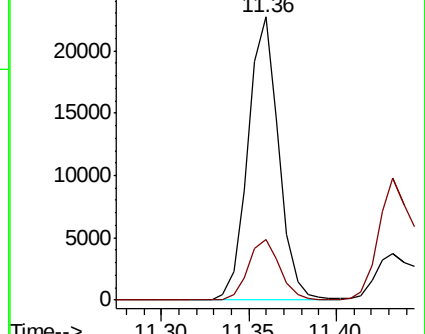
91 100

120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.437 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX009810.D

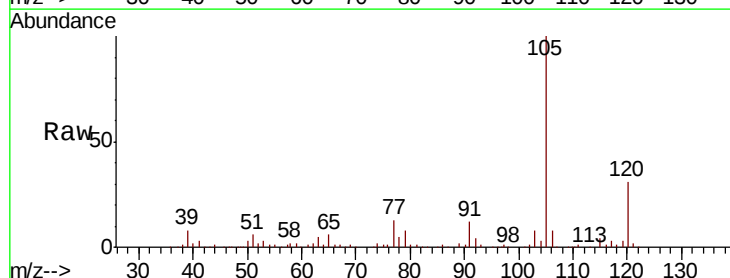
Acq: 22 May 2019 17:30

Tgt Ion: 91 Resp: 7754

Ion Ratio Lower Upper

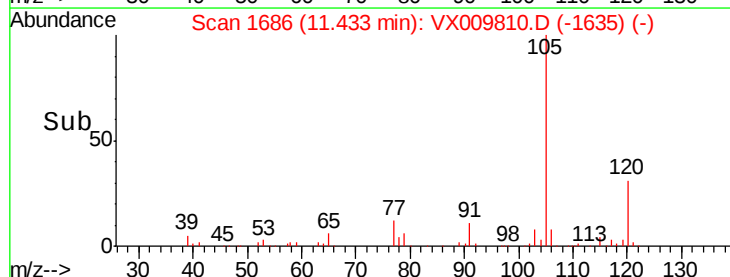
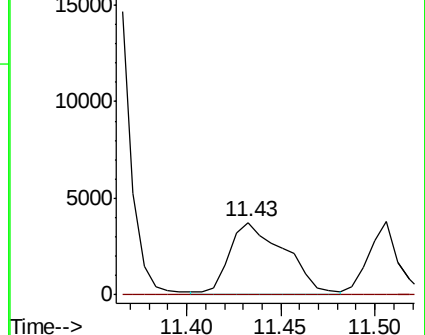
91 100

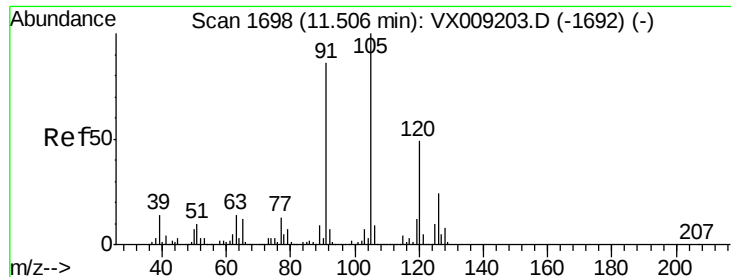
126 0.0 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 5.815 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampleId :

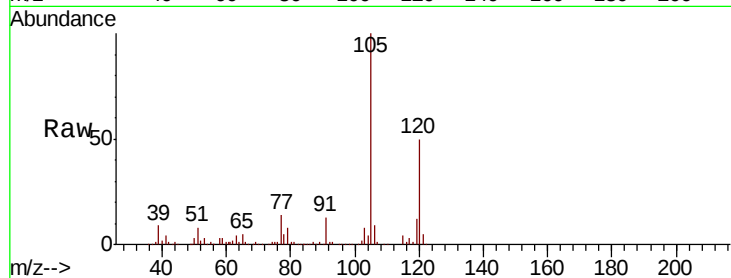
EP1-PZ-W1-2

Tot Ion:105 Resp: 37486

Ion Ratio Lower Upper

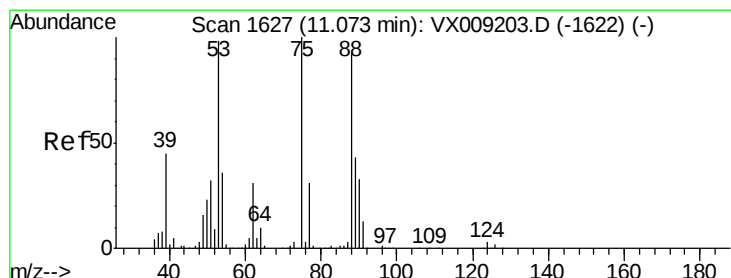
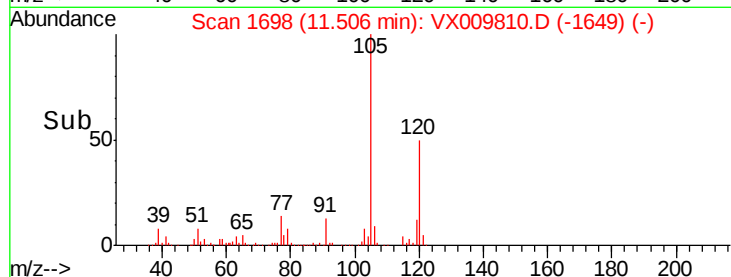
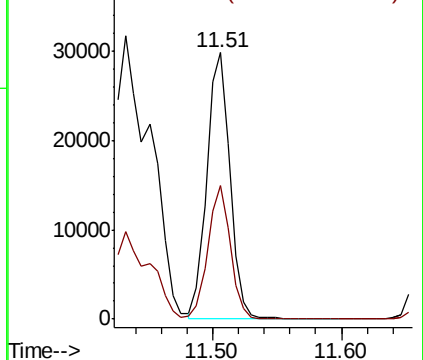
105 100

120 49.1 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 63.205 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

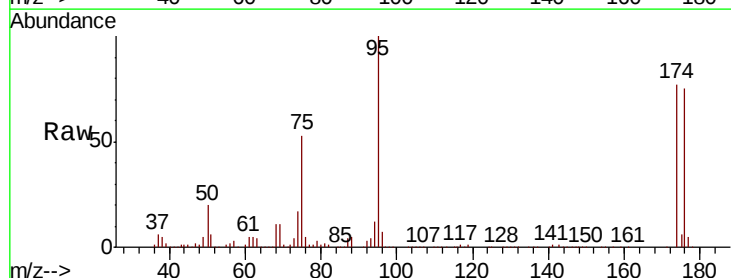
Tgt Ion: 75 Resp: 60326

Ion Ratio Lower Upper

75 100

53 0.2 79.0 118.6#

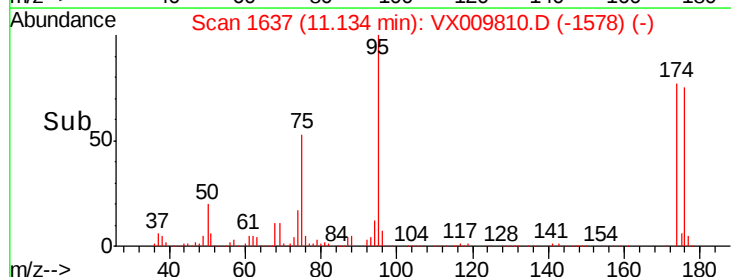
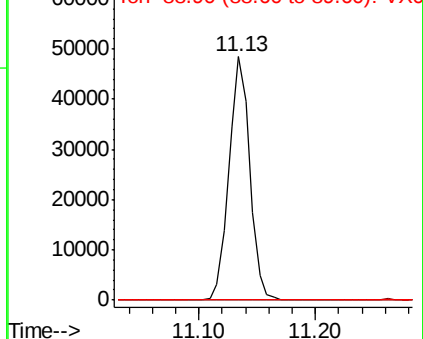
89 0.0 34.7 52.1#

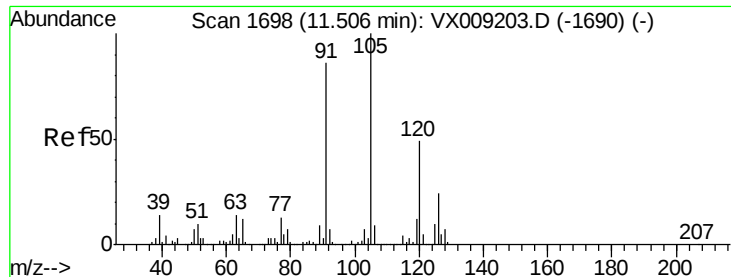


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.700 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampleId :

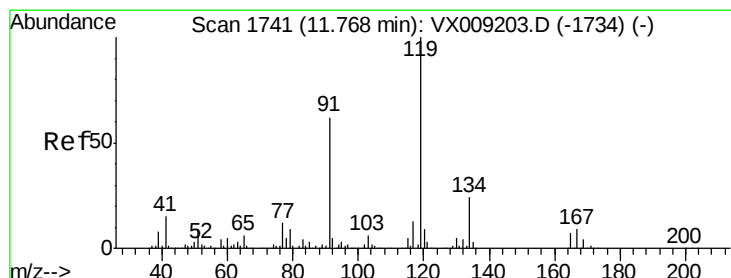
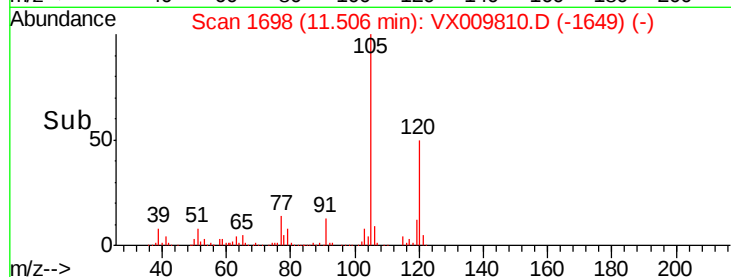
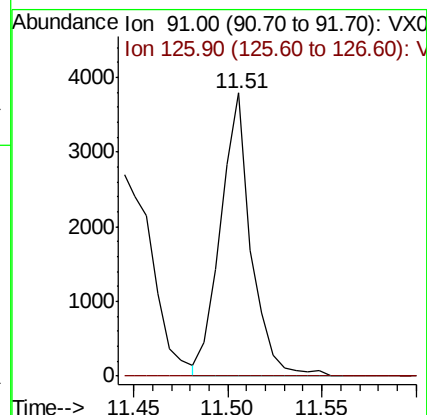
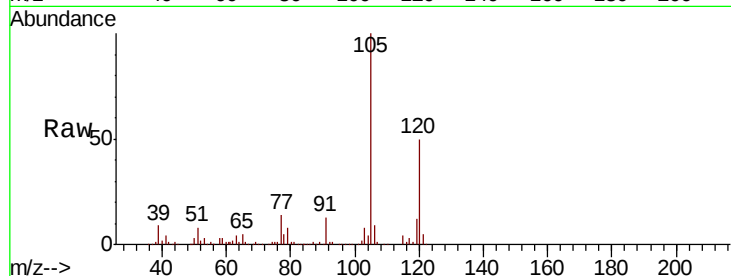
EP1-PZ-W1-2

Tot Ion: 91 Resp: 4263

Ion Ratio Lower Upper

91 100

126 0.0 14.5 43.6#



#83

tert-Butylbenzene

Concen: 0.306 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

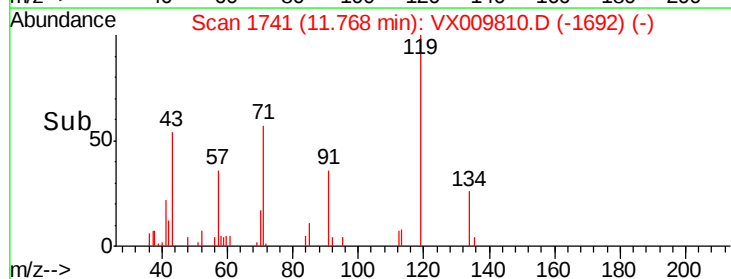
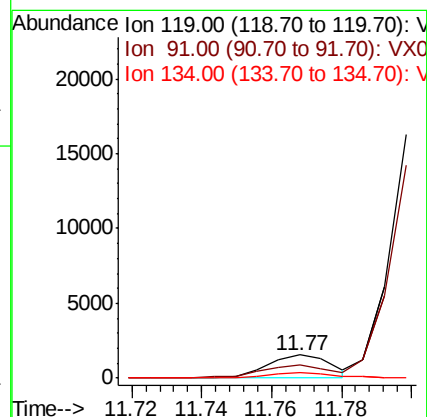
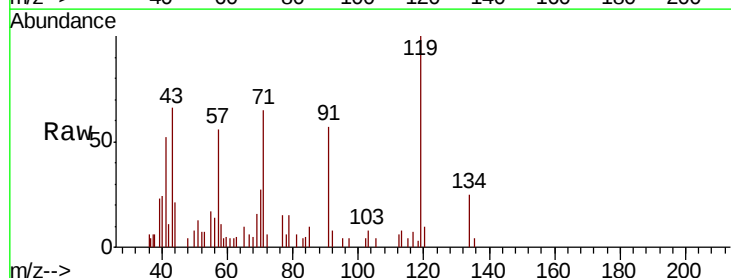
Tgt Ion: 119 Resp: 1921

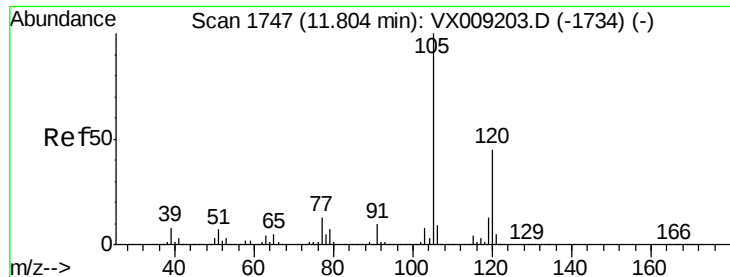
Ion Ratio Lower Upper

119 100

91 62.8 29.5 88.5

134 25.9 11.4 34.1

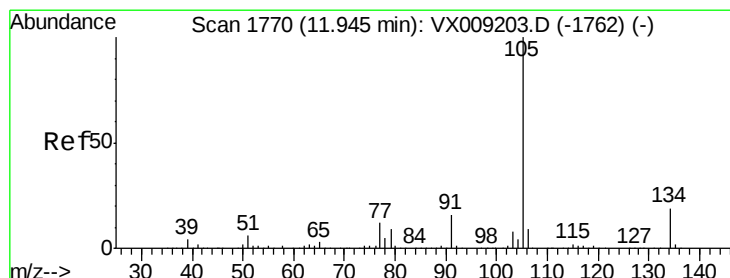
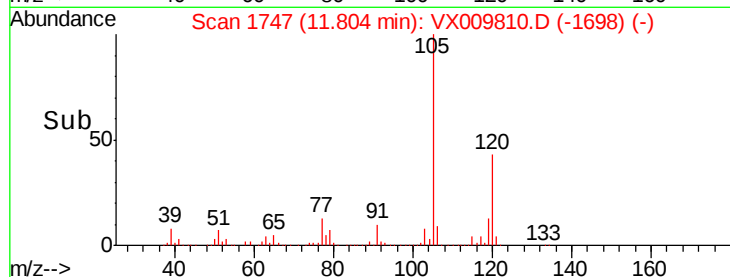
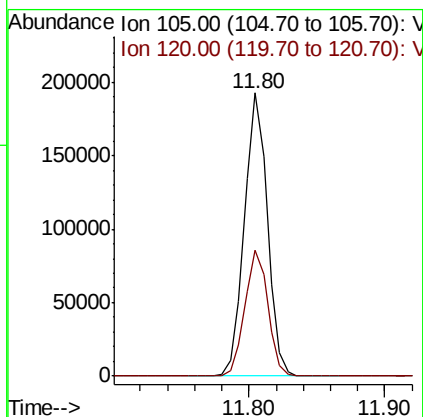
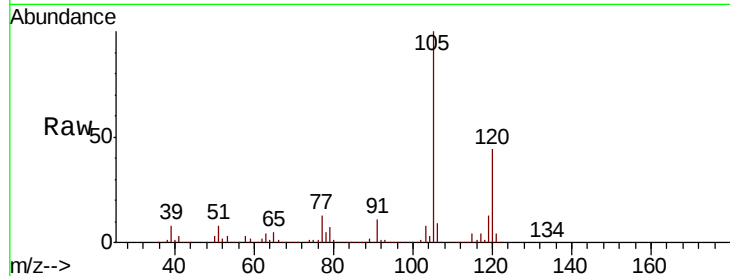




#84  
 1,2,4-Trimethylbenzene  
 Concen: 35.115 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX009810.D  
 Acq: 22 May 2019 17:30

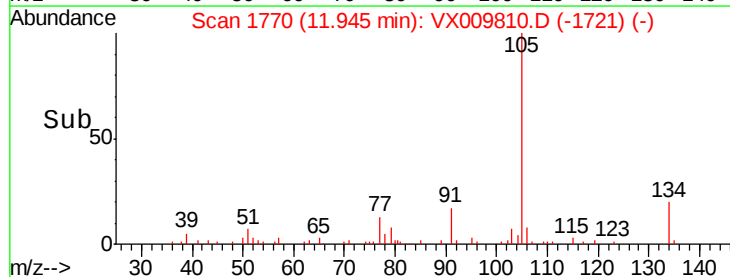
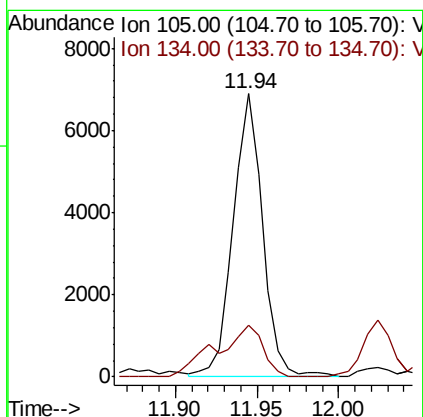
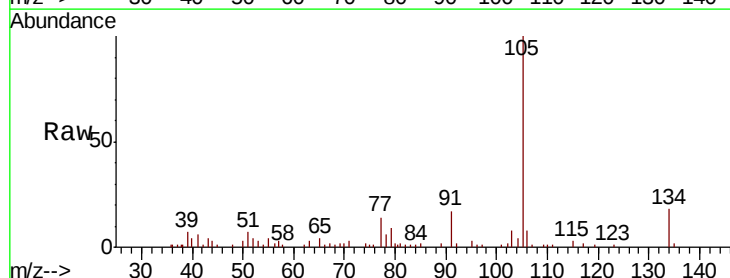
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 EP1-PZ-W1-2

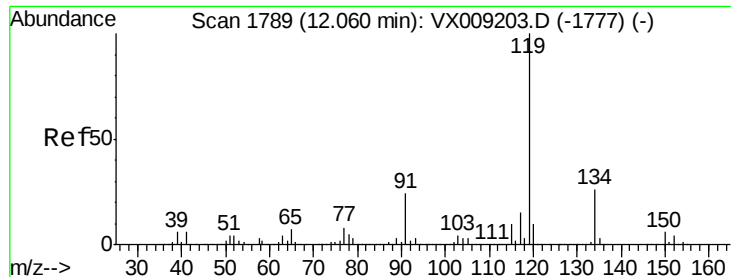
Tot Ion:105 Resp: 227205  
 Ion Ratio Lower Upper  
 105 100  
 120 44.8 22.0 66.0



#85  
 sec-Butylbenzene  
 Concen: 1.170 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX009810.D  
 Acq: 22 May 2019 17:30

Tgt Ion:105 Resp: 8700  
 Ion Ratio Lower Upper  
 105 100  
 134 28.9 9.7 28.9

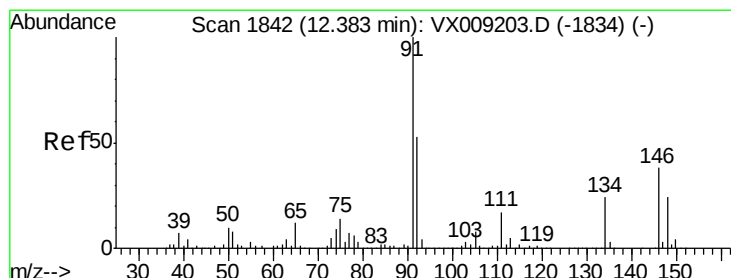
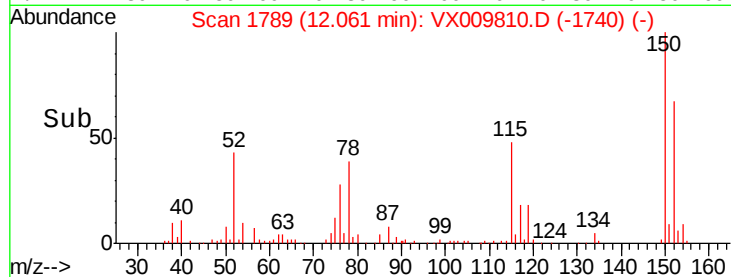
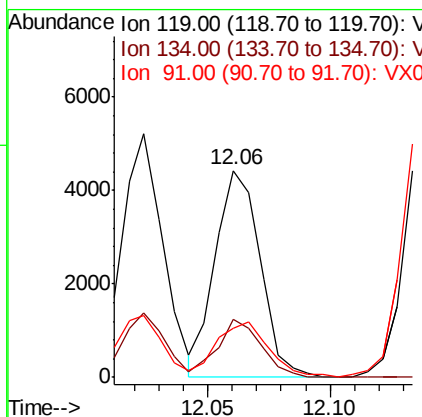
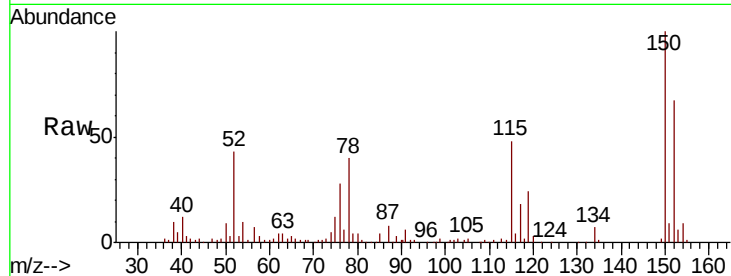




#86  
p-Isopropyltoluene  
Concen: 0.849 ug/l  
RT: 12.06 min Scan# 1789  
Delta R.T. 0.00 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

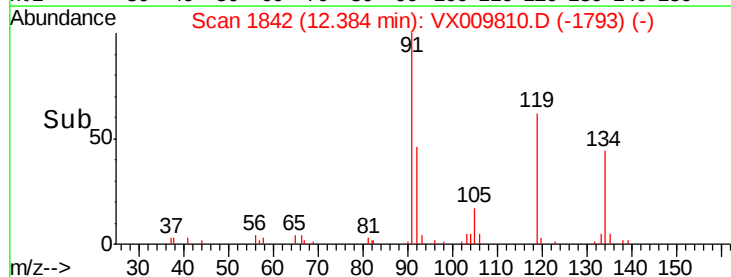
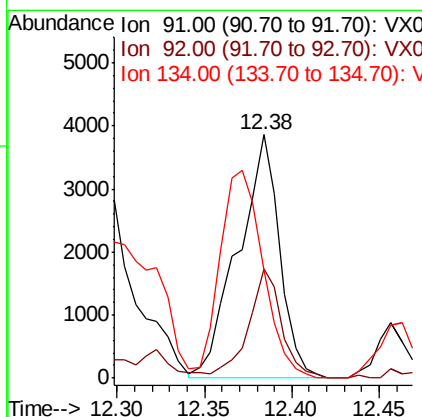
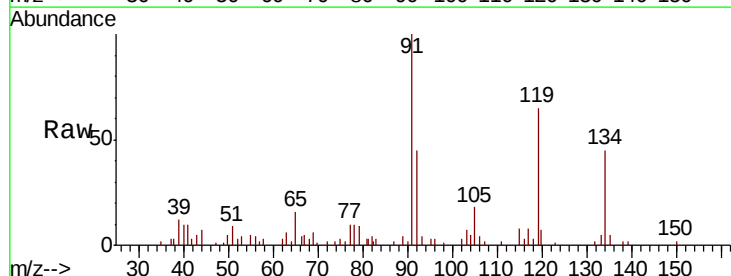
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-PZ-W1-2

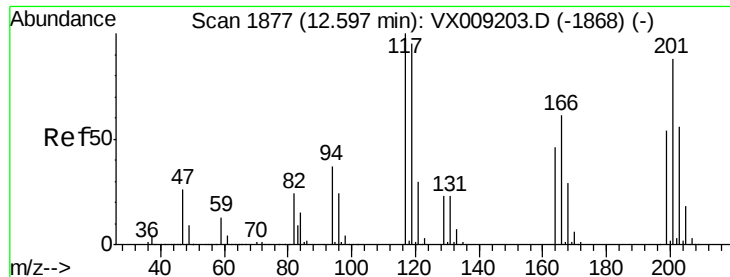
Tot Ion: 119 Resp: 5677  
Ion Ratio Lower Upper  
119 100  
134 27.4 12.9 38.7  
91 31.1 11.8 35.4



#89  
n-Butylbenzene  
Concen: 1.054 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX009810.D  
Acq: 22 May 2019 17:30

Tgt Ion: 91 Resp: 6369  
Ion Ratio Lower Upper  
91 100  
92 35.5 26.5 79.5  
134 88.7 12.4 37.2#





#90

Hexachloroethane

Concen: 1.222 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampleId :

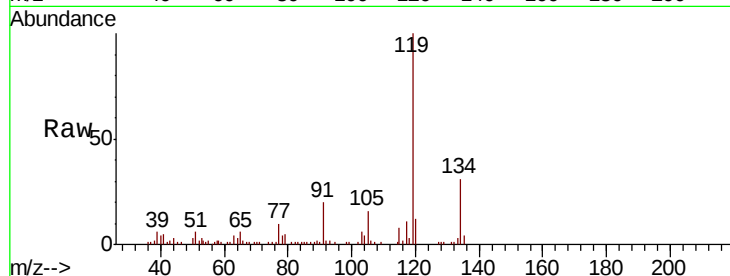
EP1-PZ-W1-2

Tot Ion:117 Resp: 1391

Ion Ratio Lower Upper

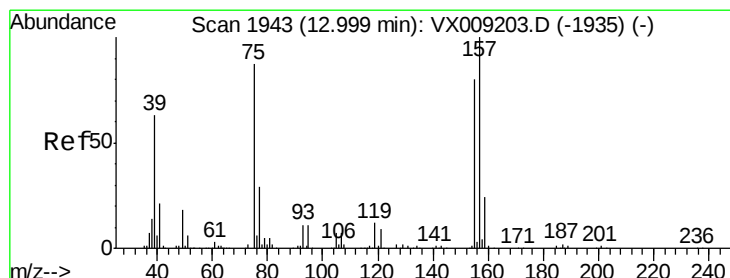
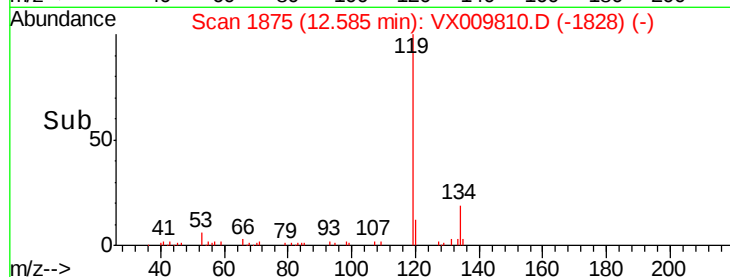
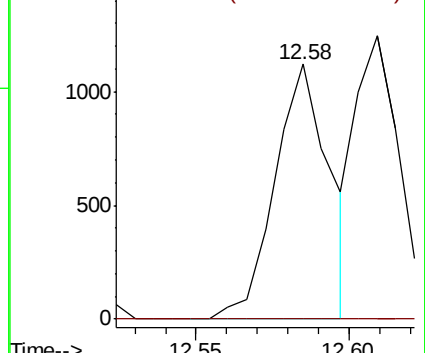
117 100

201 0.0 42.3 126.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.225 ug/l

RT: 12.98 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

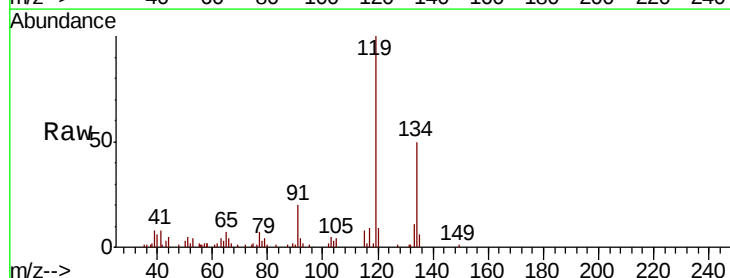
Tgt Ion: 75 Resp: 144

Ion Ratio Lower Upper

75 100

155 0.0 42.0 126.0#

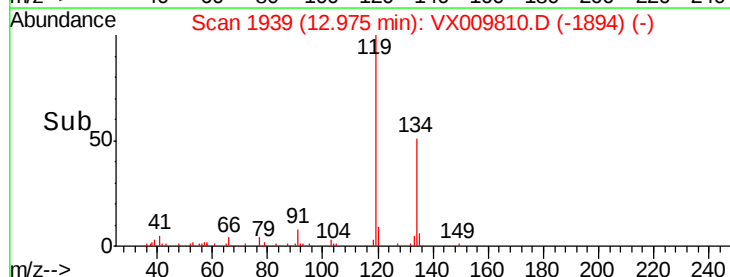
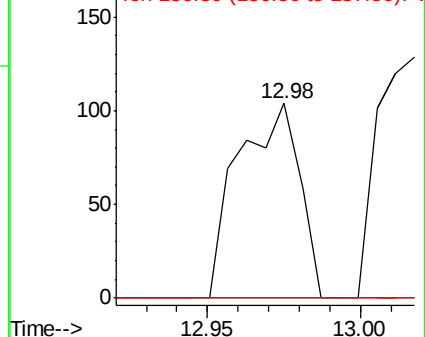
157 0.0 53.2 159.6#

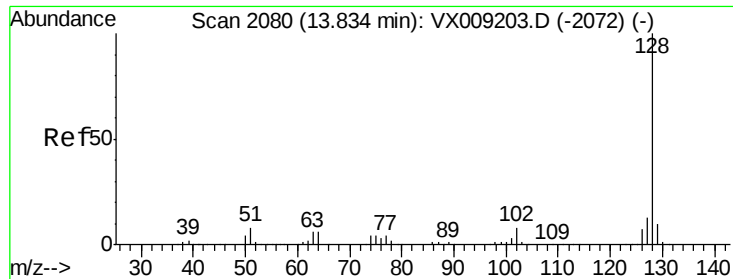


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.632 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA\_X

ClientSampleId :

EP1-PZ-W1-2

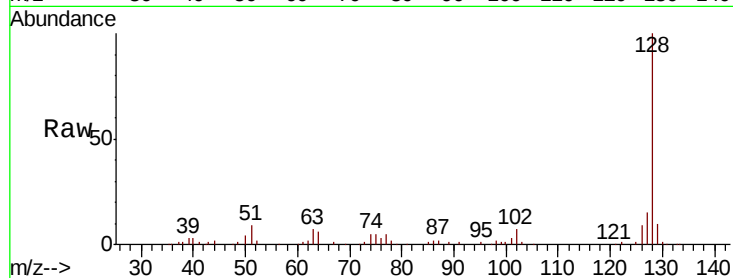
Tot Ion:128 Resp: 20204

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.4 8.6 13.0



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

