

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\  
 Data File : VX009828.D  
 Acq On : 23 May 2019 01:41  
 Operator : JC/SP  
 Sample : K2976-07 50X  
 Misc : 6.54g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 23 07:23:35 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

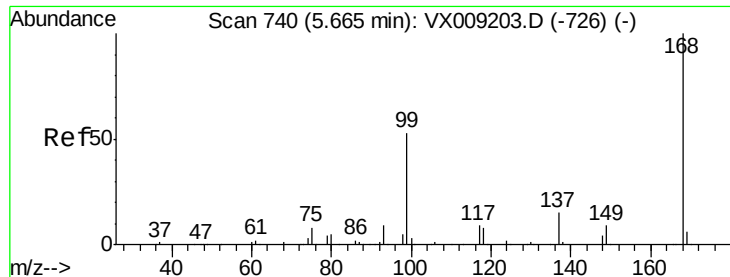
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 176359   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 291471   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 269655   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 134877   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 122685   | 50.96 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.92% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 87591    | 47.80 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.60%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 371236   | 50.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.36% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 139993   | 52.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.16% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 6) Chloroethane                | 1.78  | 64   | 299      | 0.215     | ug/l # | 43     |
| 13) Acrolein                   | 2.28  | 56   | 121      | 0.240     | ug/l   | 85     |
| 16) Acetone                    | 2.44  | 43   | 729      | 0.564     | ug/l # | 75     |
| 28) Bromochloromethane         | 5.03  | 49   | 77       | Below Cal | #      | 20     |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 13884    | 5.126     | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 16932    | 6.880     | ug/l # | 17     |
| 39) Methylcyclohexane          | 7.46  | 83   | 870      | 0.262     | ug/l # | 89     |
| 55) 1,1,2-Trichloroethane      | 9.16  | 97   | 2397     | 1.153     | ug/l # | 20     |
| 56) Ethyl methacrylate         | 9.16  | 69   | 751      | 0.202     | ug/l # | 1      |
| 59) 2-Hexanone                 | 9.44  | 43   | 17911    | 5.780     | ug/l # | 32     |
| 67) Ethyl Benzene              | 10.25 | 91   | 2942     | 0.296     | ug/l   | 97     |
| 68) m/p-Xylenes                | 10.36 | 106  | 988      | 0.272     | ug/l # | 35     |
| 73) Isopropylbenzene           | 11.02 | 105  | 18779    | 1.915     | ug/l   | 100    |
| 74) N-amyl acetate             | 10.91 | 43   | 71432    | 12.492    | ug/l # | 1      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 45072    | 12.327    | ug/l # | 25     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 71396    | 22.820    | ug/l # | 36     |
| 78) n-propylbenzene            | 11.36 | 91   | 63729    | 5.689     | ug/l   | 100    |
| 79) 2-Chlorotoluene            | 11.45 | 91   | 4469     | 0.647     | ug/l   | 82     |
| 80) 1,3,5-Trimethylbenzene     | 11.45 | 105  | 27059    | 3.277     | ug/l   | 72     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 71396    | 58.388    | ug/l # | 18     |
| 82) 4-Chlorotoluene            | 11.45 | 91   | 4469     | 0.572     | ug/l   | 87     |
| 83) tert-Butylbenzene          | 11.77 | 119  | 10105    | 1.258     | ug/l   | 83     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 441841   | 53.302    | ug/l   | 98     |
| 85) sec-Butylbenzene           | 11.94 | 105  | 76426    | 8.024     | ug/l   | 96     |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 62134    | 7.256     | ug/l   | 99     |
| 89) n-Butylbenzene             | 12.38 | 91   | 97842    | 12.642    | ug/l # | 76     |
| 90) Hexachloroethane           | 12.61 | 117  | 12282    | 8.419     | ug/l # | 7      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 1254     | 1.529     | ug/l # | 6      |

(#) = 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. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA\_X

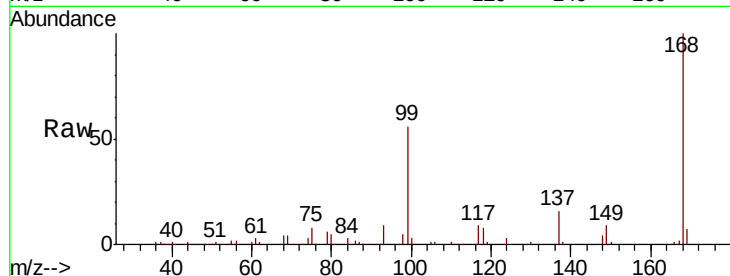
ClientSampleId :

Tot Ion:168 Resp: 176359

Ion Ratio Lower Upper

168 100

99 56.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

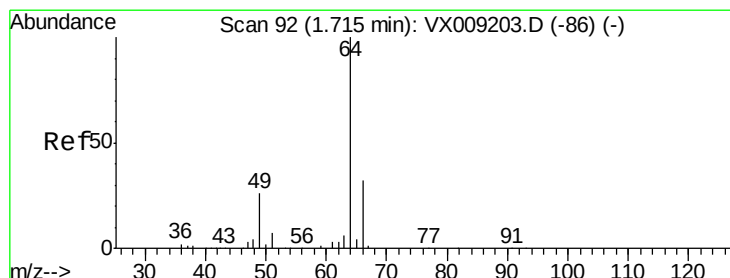
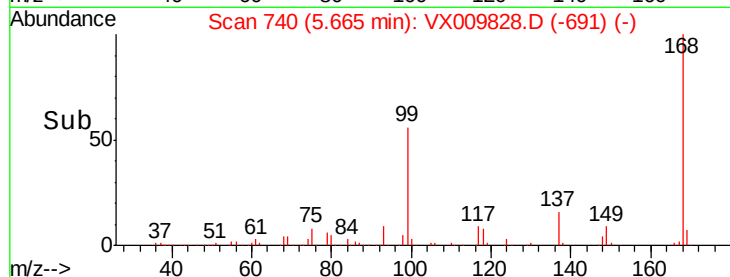
40000

20000

0

Time-->

5.60 5.70 5.80



#6

Chloroethane

Concen: 0.215 ug/l

RT: 1.78 min Scan# 102

Delta R.T. 0.06 min

Lab File: VX009828.D

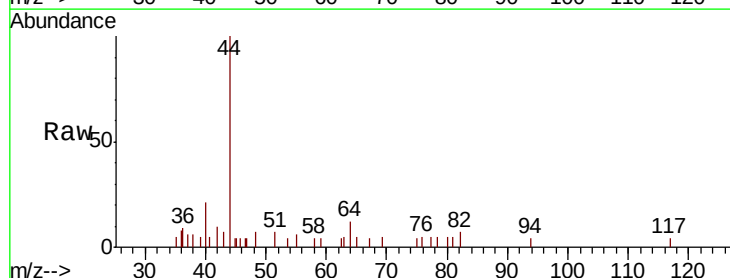
Acq: 23 May 2019 01:41

Tgt Ion: 64 Resp: 299

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.78

150

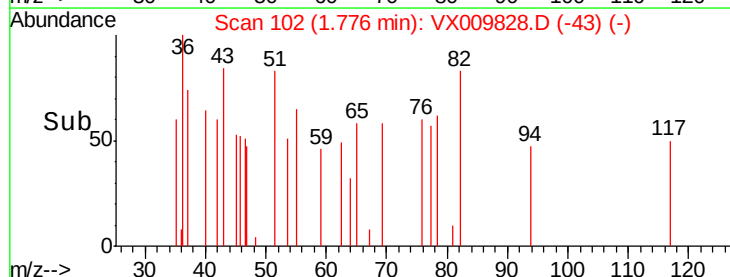
100

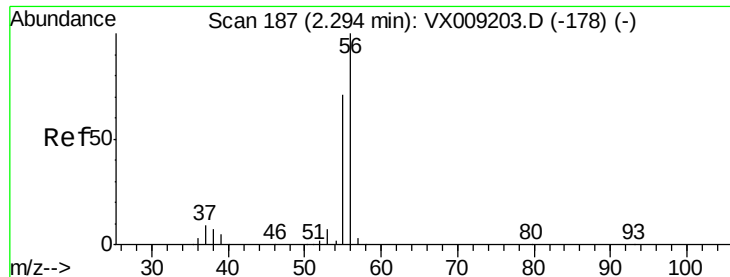
50

0

Time-->

1.76 1.78 1.80 1.82





#13

Acrolein

Concen: 0.240 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

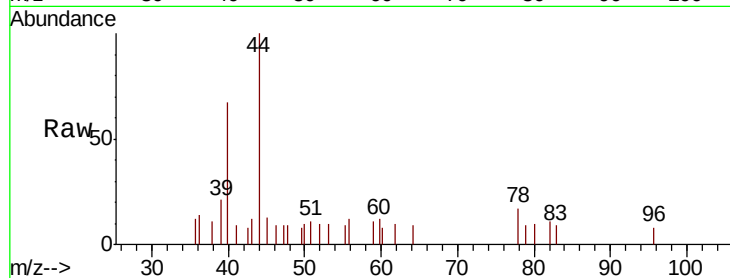
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 56 Resp: 121

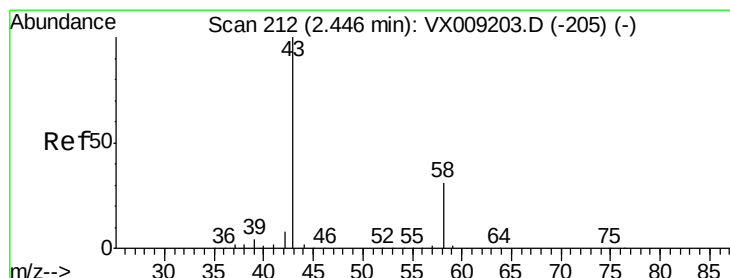
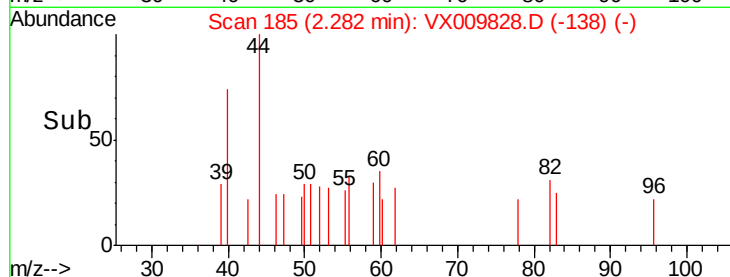
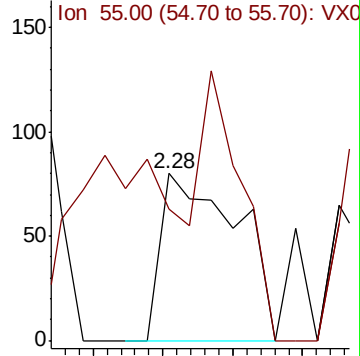
Ion Ratio Lower Upper

56 100

55 83.5 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0



#16

Acetone

Concen: 0.564 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009828.D

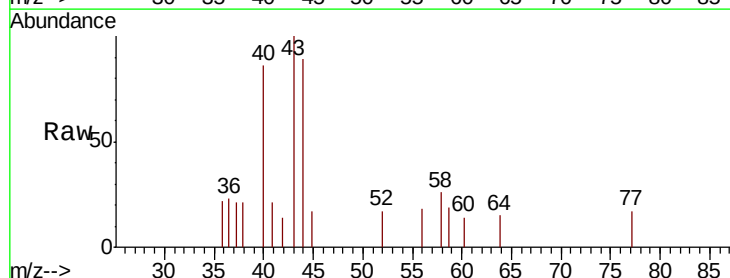
Acq: 23 May 2019 01:41

Tgt Ion: 43 Resp: 729

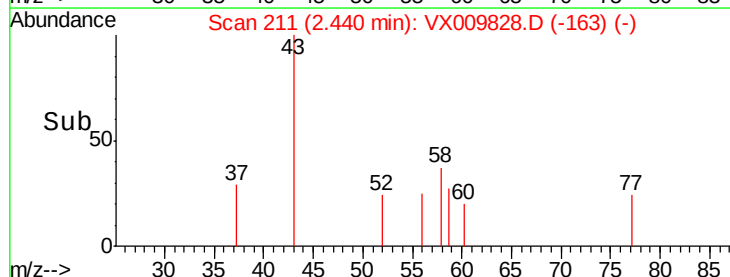
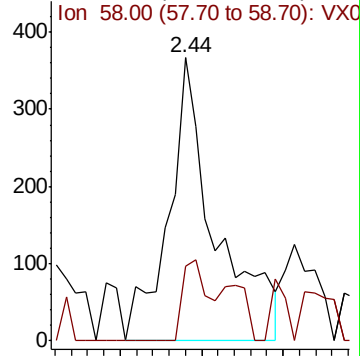
Ion Ratio Lower Upper

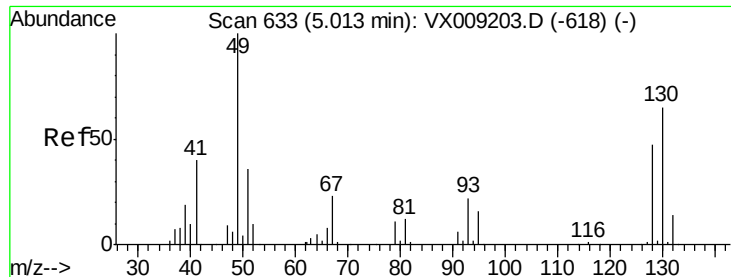
43 100

58 45.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

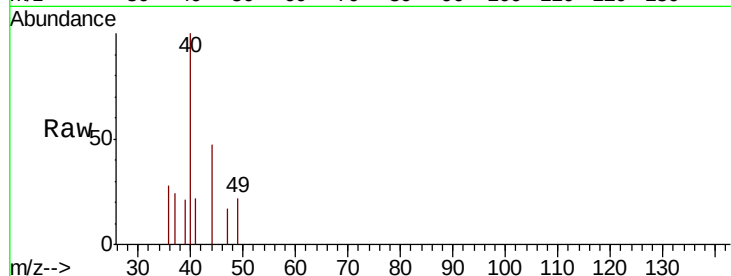
Delta R.T. 0.01 min

Lab File: VX009828.D

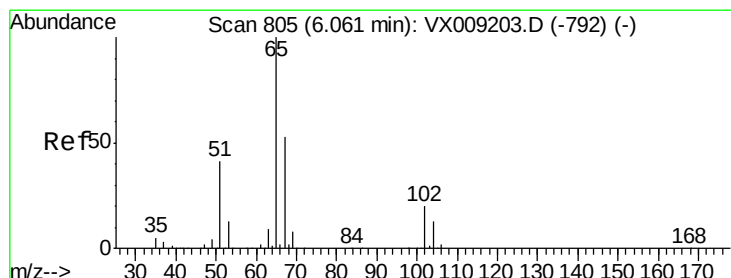
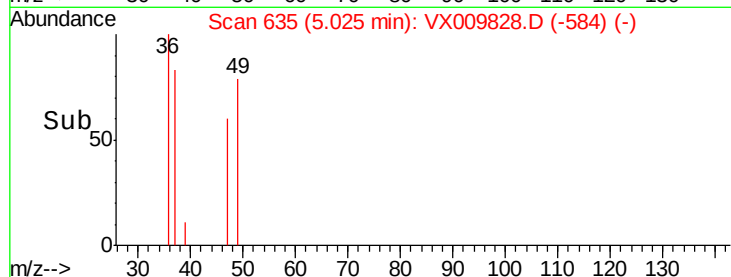
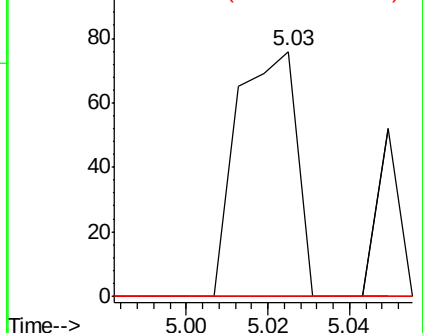
Acq: 23 May 2019 01:41

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 49 Resp: 77  
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: 50.959 ug/l

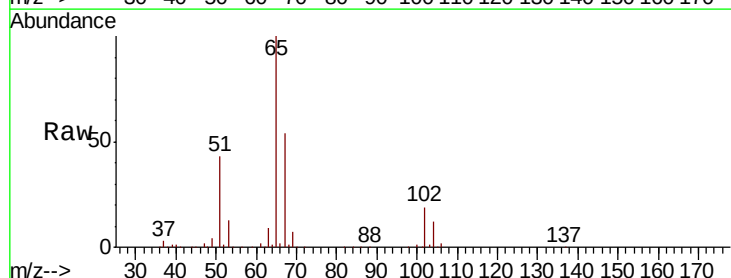
RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

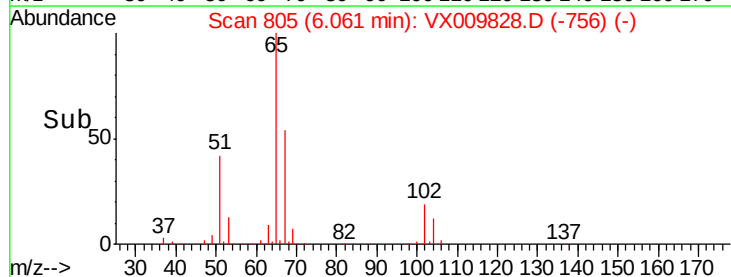
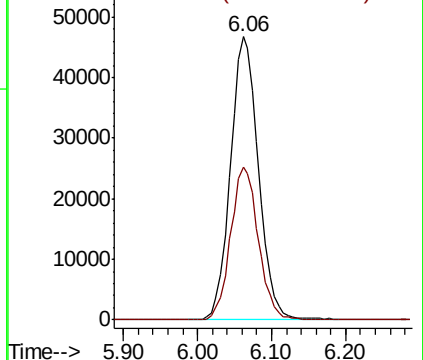
Lab File: VX009828.D

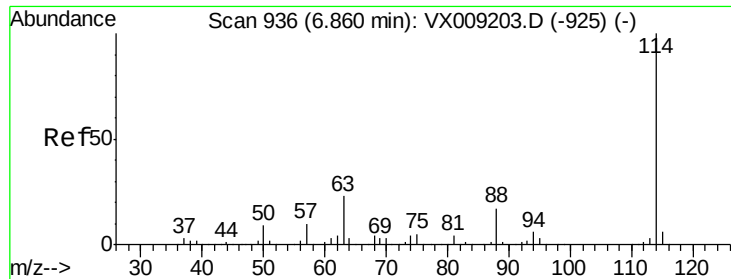
Acq: 23 May 2019 01:41

Tgt Ion: 65 Resp: 122685  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0  
Ion 66.90 (66.60 to 67.60): VX0

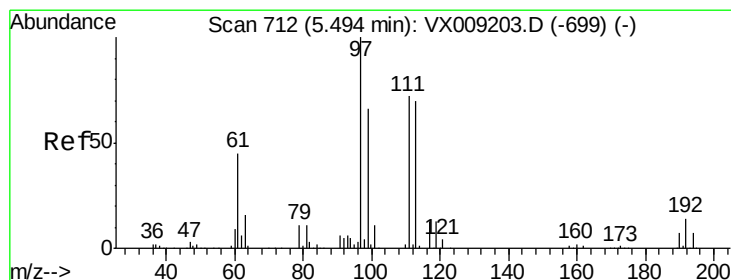
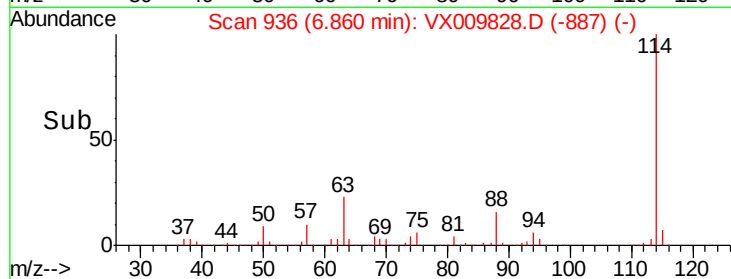
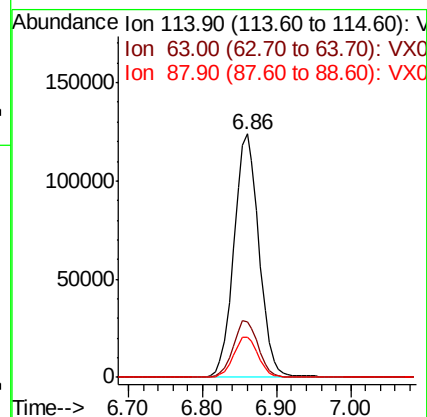
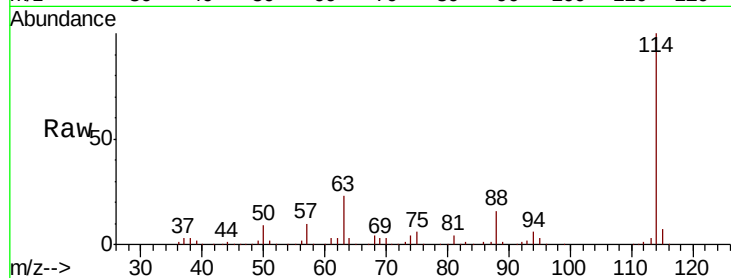




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.86 min Scan# 936  
Delta R.T. -0.00 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

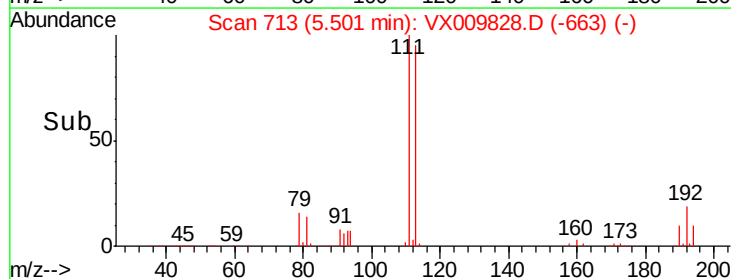
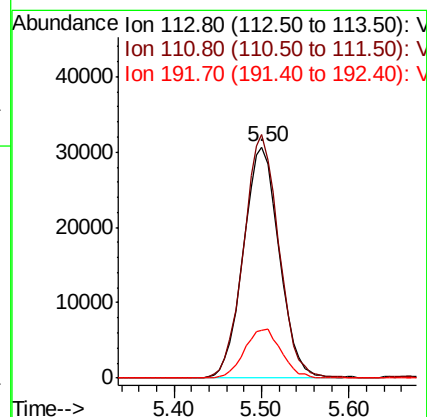
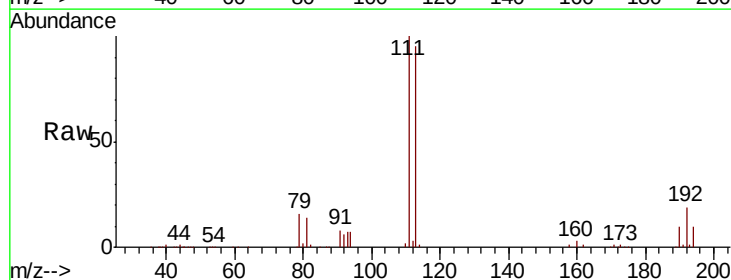
Instrument :  
MSVOA\_X  
ClientSampleId :

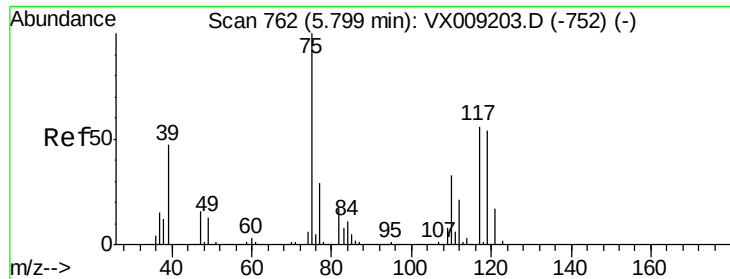
Tot Ion:114 Resp: 291471  
Ion Ratio Lower Upper  
114 100  
63 22.6 0.0 45.6  
88 16.3 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 47.804 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.01 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

Tgt Ion:113 Resp: 87591  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.8 124.2  
192 21.6 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.126 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA\_X

ClientSampled :

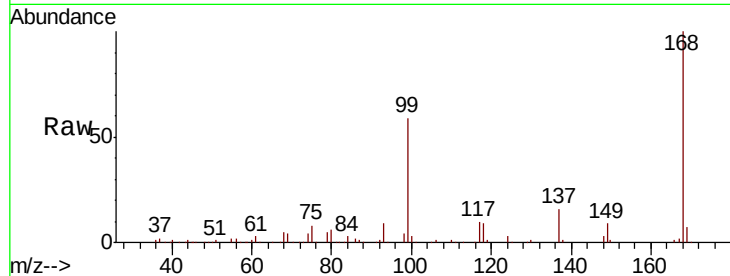
Tot Ion: 75 Resp: 13884

Ion Ratio Lower Upper

75 100

110 9.4 16.9 50.6#

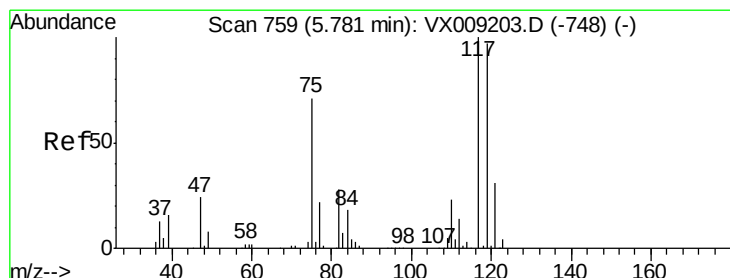
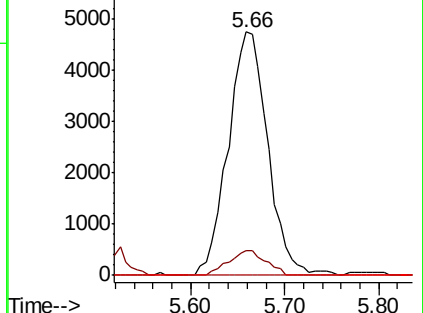
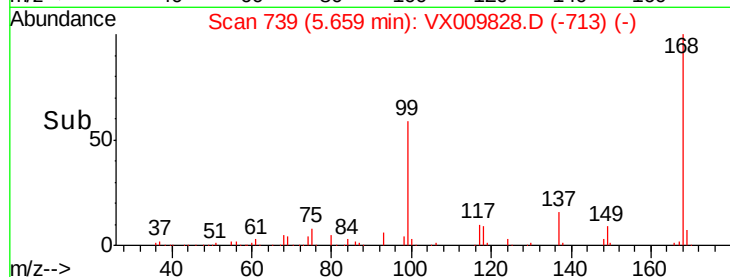
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.880 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

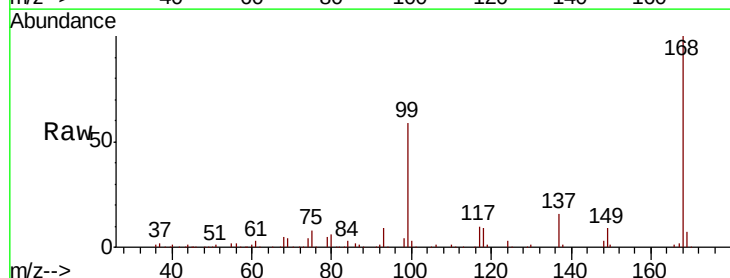
Tgt Ion: 117 Resp: 16932

Ion Ratio Lower Upper

117 100

119 6.6 77.5 116.3#

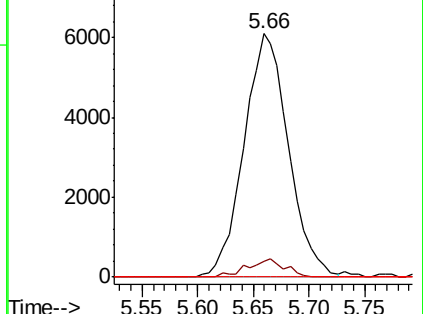
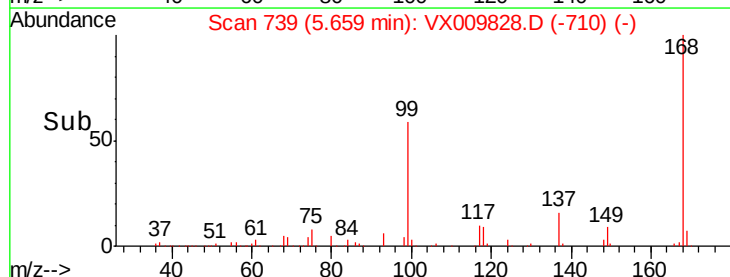
121 0.0 24.7 37.1#

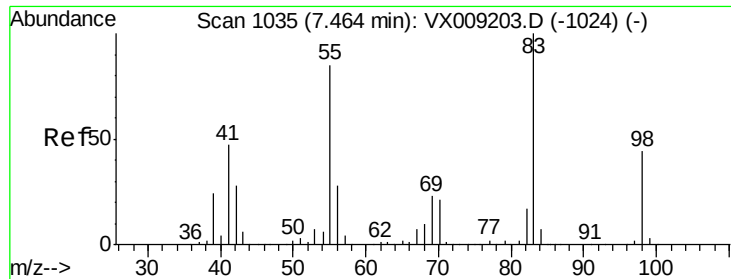


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

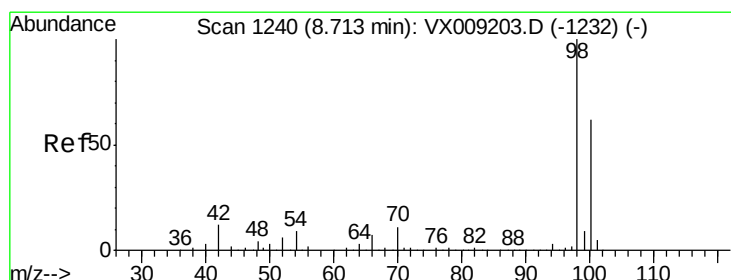
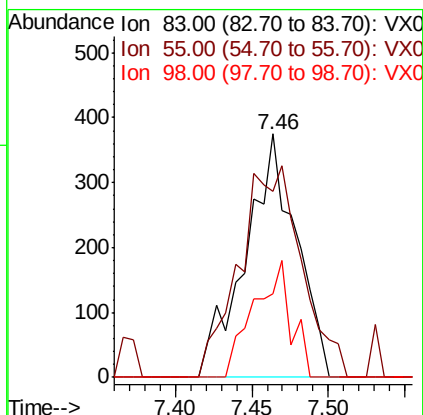
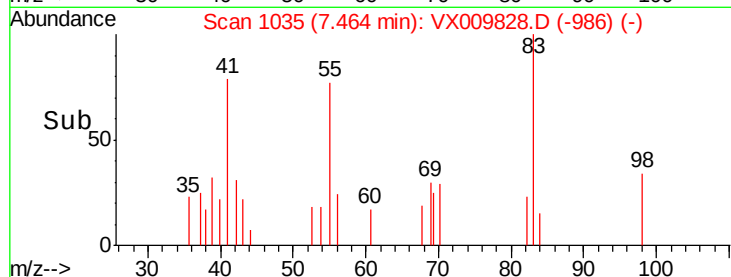
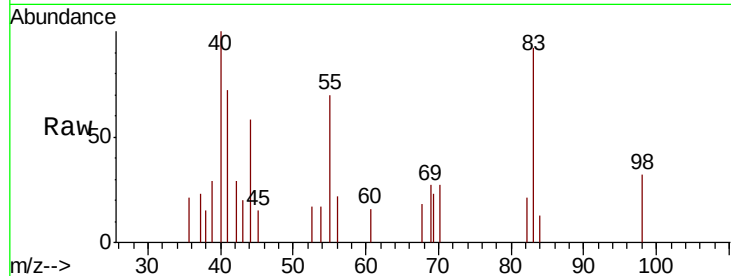




#39  
Methylvlcyclohexane  
Concen: 0.262 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

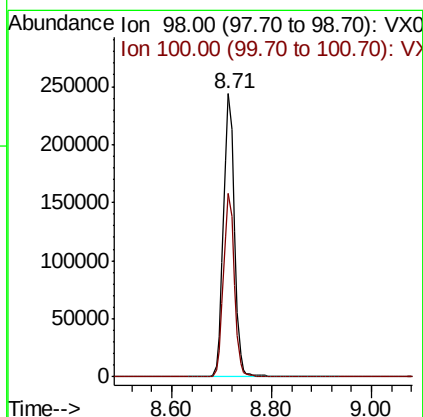
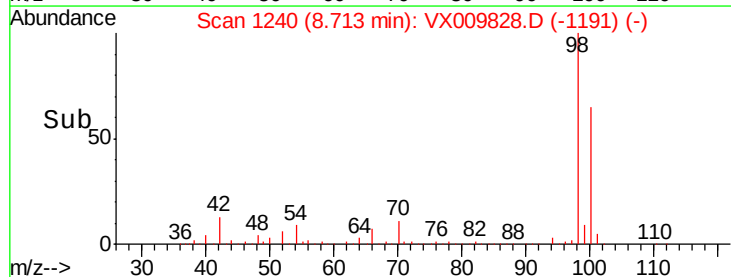
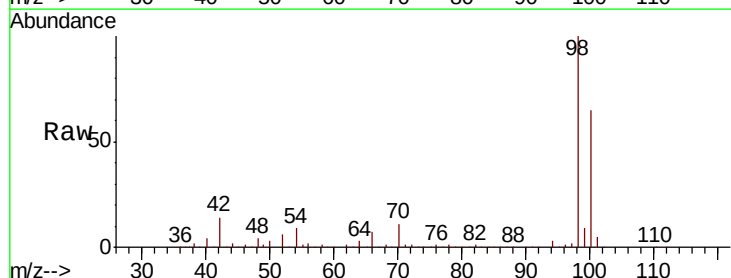
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 83 Resp: 870  
Ion Ratio Lower Upper  
83 100  
55 76.5 67.7 101.5  
98 34.4 35.5 53.3#

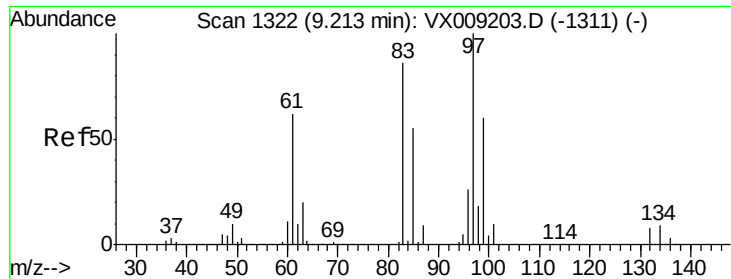


#50  
Toluene-d8  
Concen: 50.184 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

Tgt Ion: 98 Resp: 371236  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.2 76.8



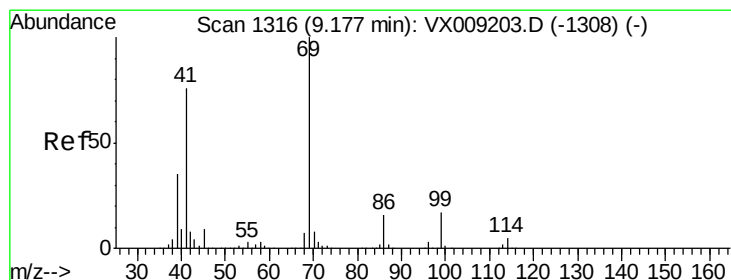
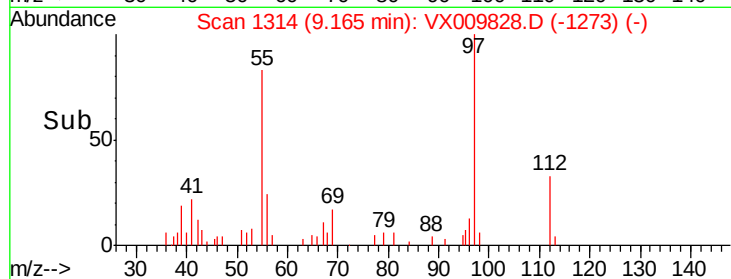
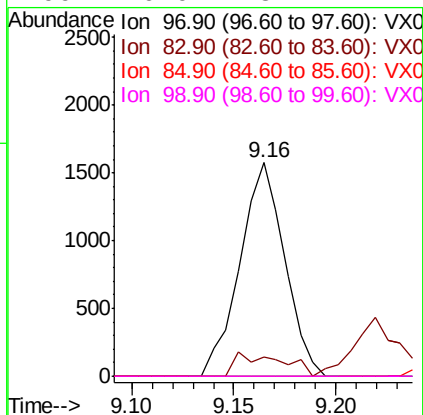
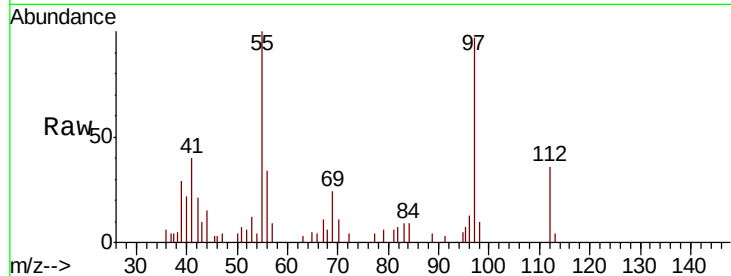




#55  
 1,1,2-Trichloroethane  
 Concen: 1.153 ug/l  
 RT: 9.16 min Scan# 1314  
 Delta R.T. -0.05 min  
 Lab File: VX009828.D  
 Acq: 23 May 2019 01:41

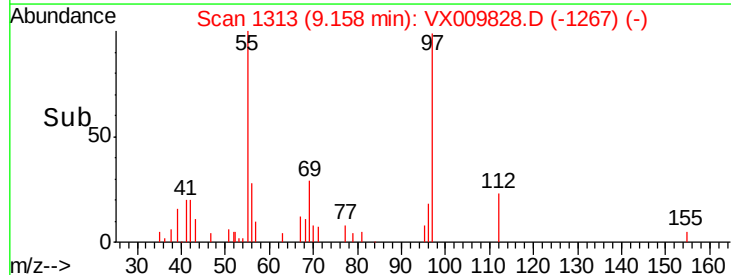
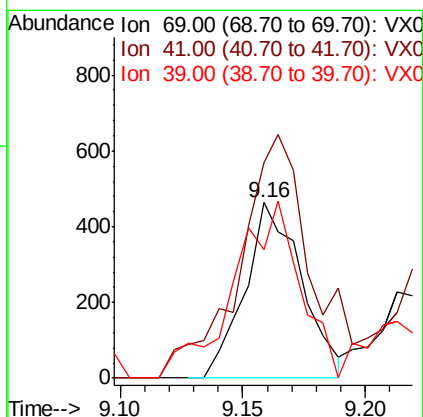
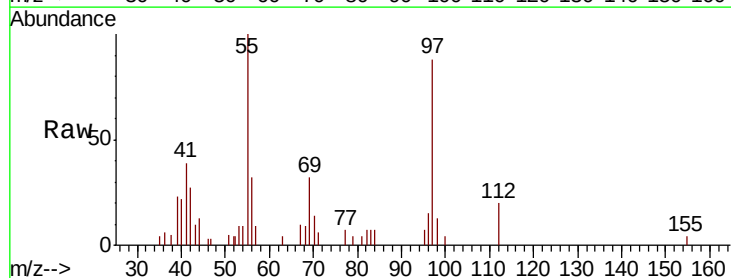
Instrument :  
 MSVOA\_X  
 ClientSampled :

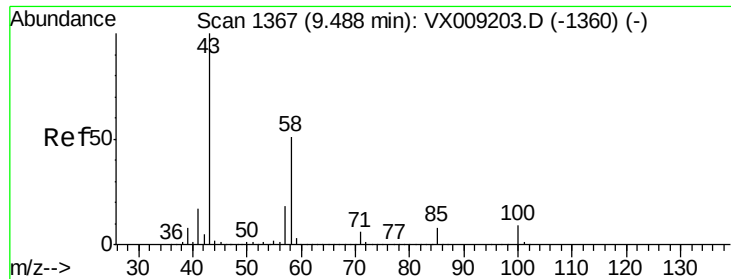
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 2397   |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 9.0   | 68.9  | 103.3# |
| 85       | 0.0   | 43.8  | 65.6#  |
| 99       | 0.0   | 48.2  | 72.2#  |



#56  
 Ethyl methacrylate  
 Concen: 0.202 ug/l  
 RT: 9.16 min Scan# 1313  
 Delta R.T. -0.02 min  
 Lab File: VX009828.D  
 Acq: 23 May 2019 01:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 751   |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 178.4 | 60.6  | 90.8# |
| 39       | 118.0 | 28.2  | 42.4# |

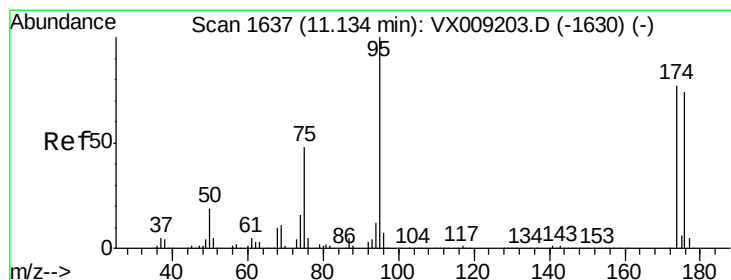
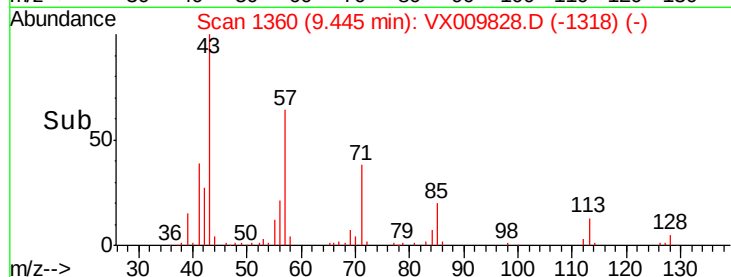
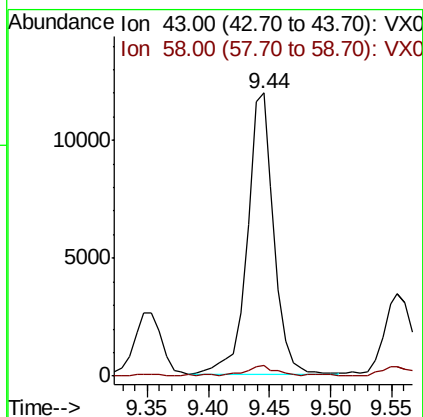
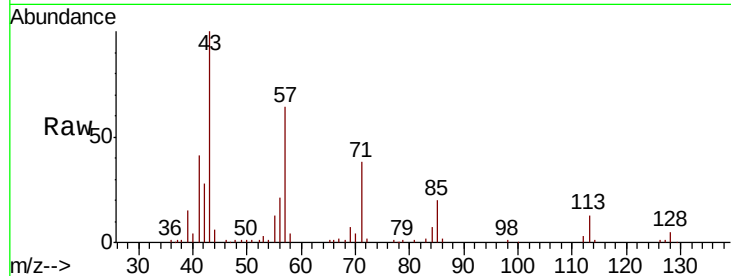




#59  
2-Hexanone  
Concen: 5.780 ug/l  
RT: 9.44 min Scan# 1360  
Delta R.T. -0.04 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

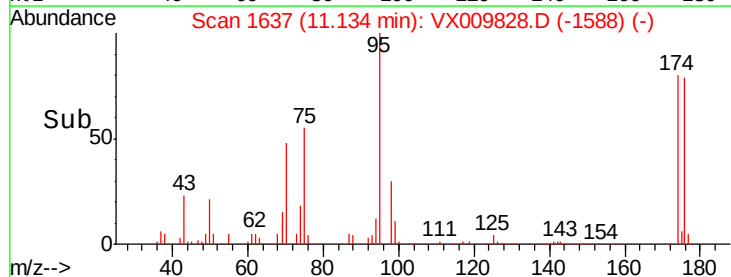
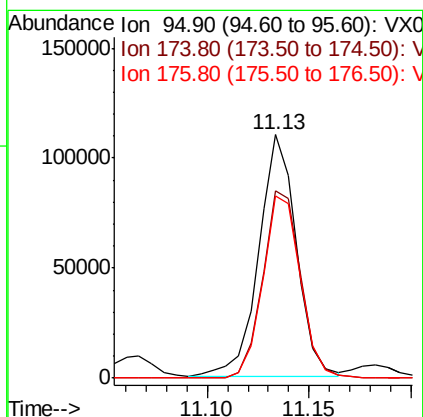
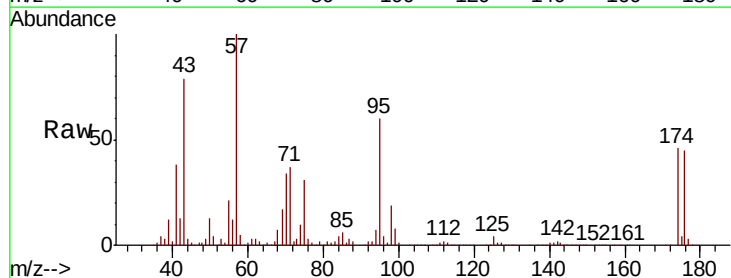
Instrument :  
MSVOA\_X  
ClientSampled :

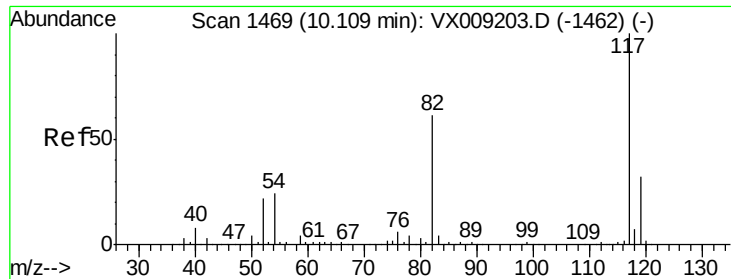
Tot Ion: 43 Resp: 17911  
Ion Ratio Lower Upper  
43 100  
58 4.2 25.9 77.7#



#62  
4-Bromofluorobenzene  
Concen: 52.082 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.00 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

Tgt Ion: 95 Resp: 139993  
Ion Ratio Lower Upper  
95 100  
174 78.8 0.0 161.6  
176 76.7 0.0 159.2

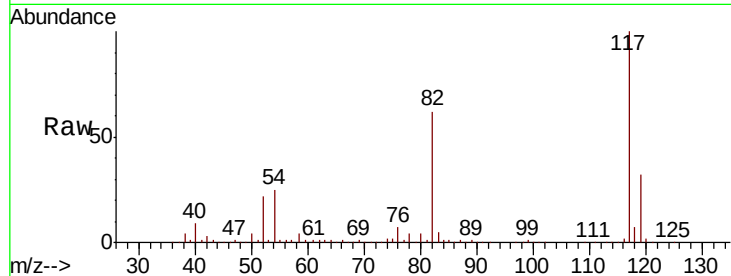




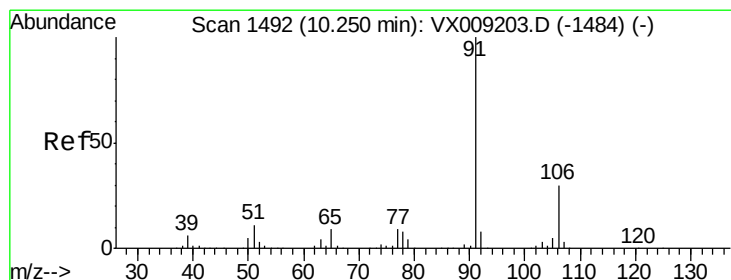
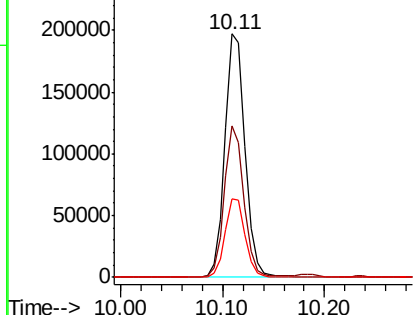
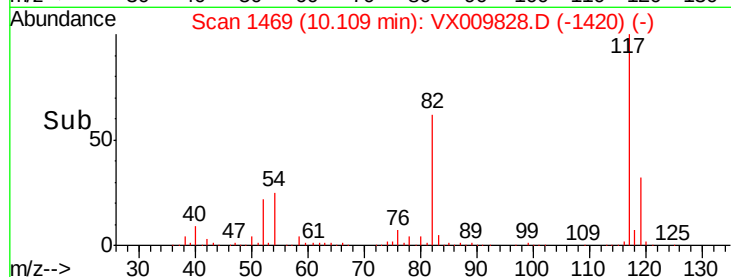
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:117 Resp: 269655  
Ion Ratio Lower Upper  
117 100  
82 62.1 48.8 73.2  
119 32.3 25.8 38.6

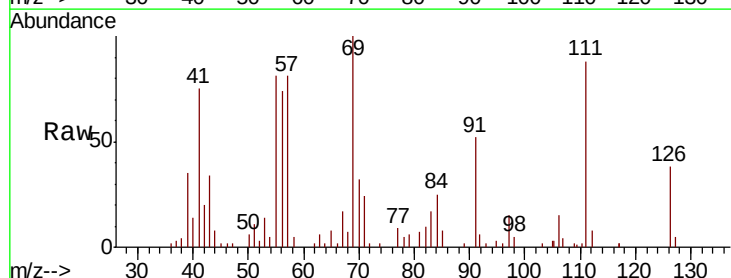


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

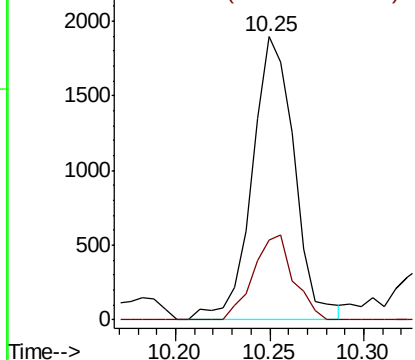
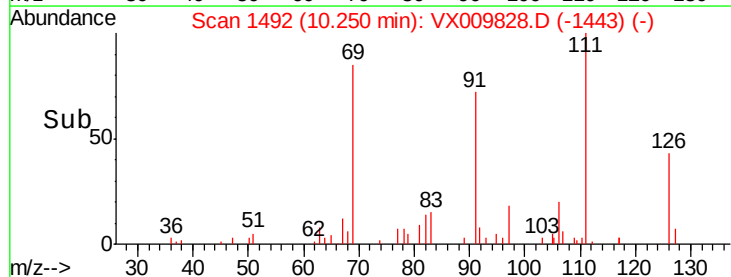


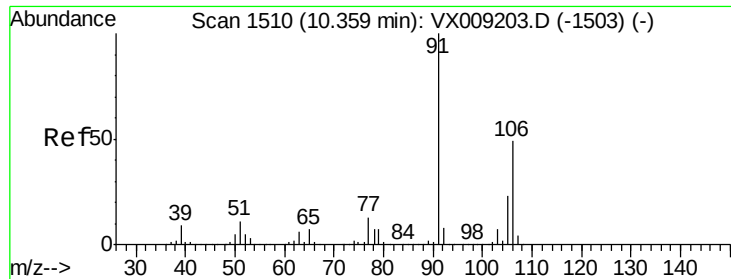
#67  
Ethyl Benzene  
Concen: 0.296 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

Tgt Ion: 91 Resp: 2942  
Ion Ratio Lower Upper  
91 100  
106 28.2 24.0 36.0



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

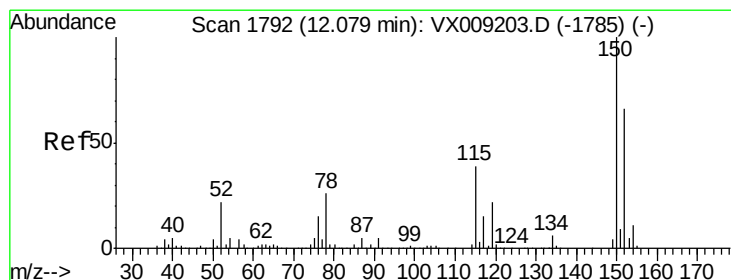
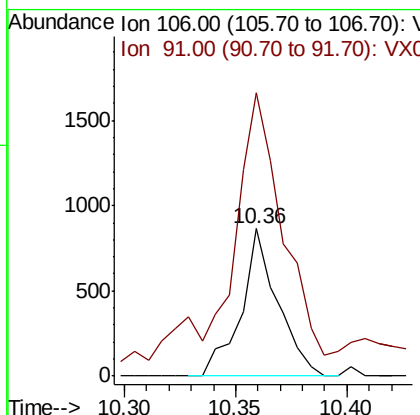
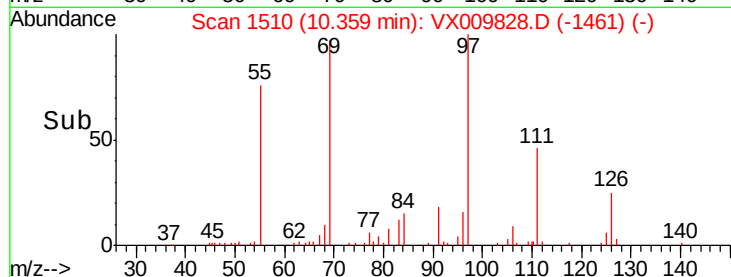
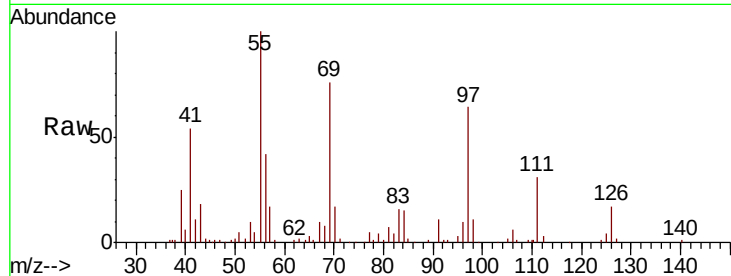




#68  
m/p-Xvlenes  
Concen: 0.272 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

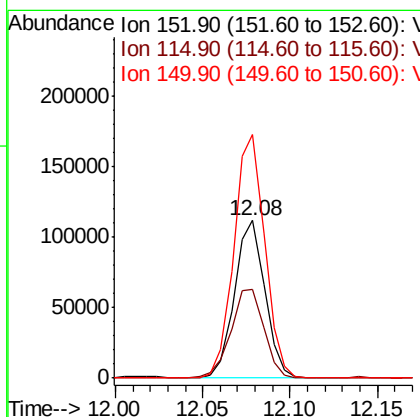
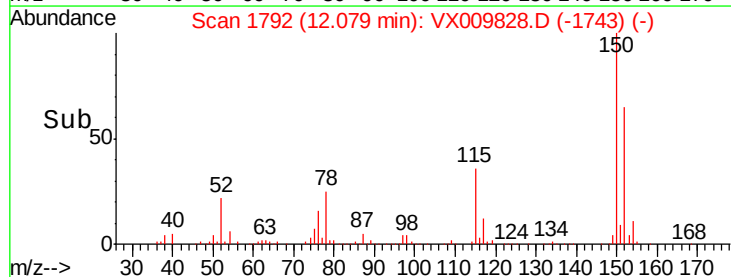
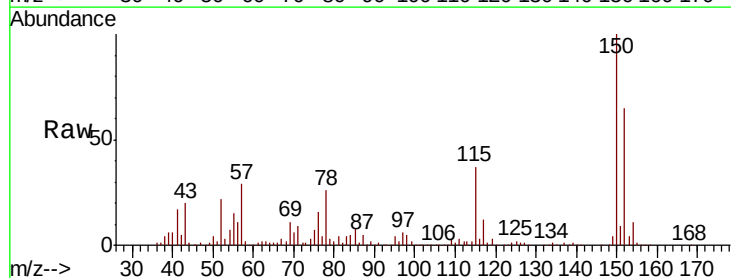
Instrument :  
MSVOA\_X  
ClientSampleId :

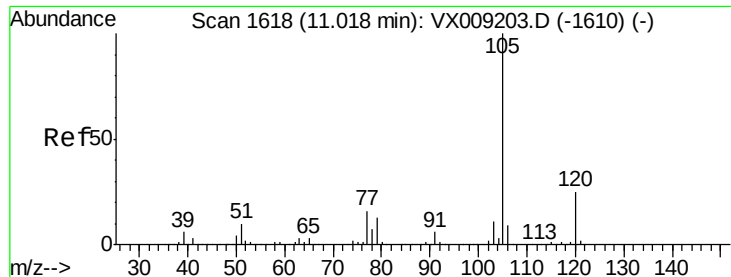
Tot Ion:106 Resp: 988  
Ion Ratio Lower Upper  
106 100  
91 305.5 164.0 246.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

Tgt Ion:152 Resp: 134877  
Ion Ratio Lower Upper  
152 100  
115 61.3 41.2 123.6  
150 157.1 0.0 346.4





#73

Isopropylbenzene

Concen: 1.915 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA\_X

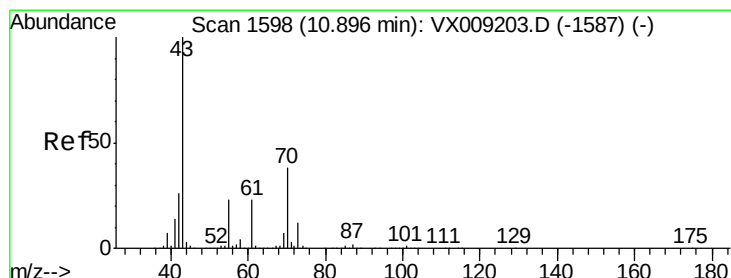
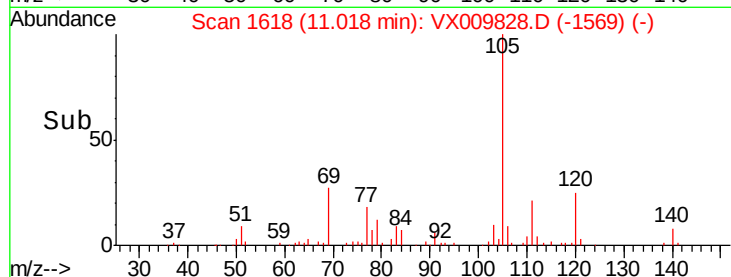
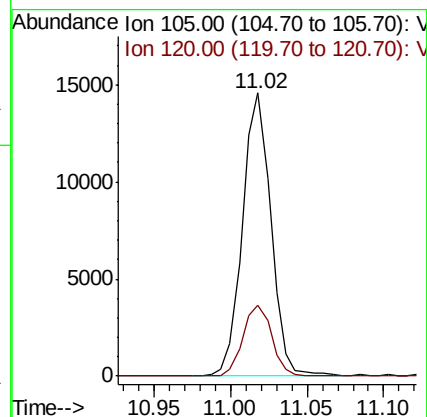
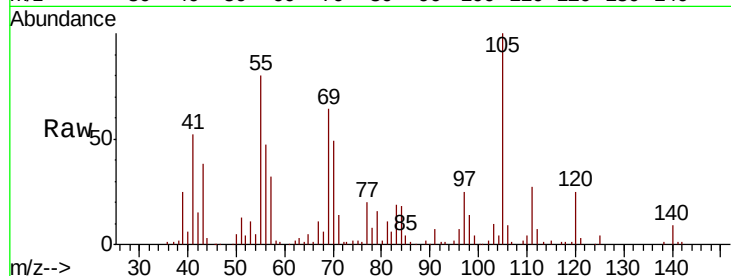
ClientSampleId :

Tot Ion:105 Resp: 18779

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



#74

N-ethyl acetate

Concen: 12.492 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Tgt Ion: 43 Resp: 71432

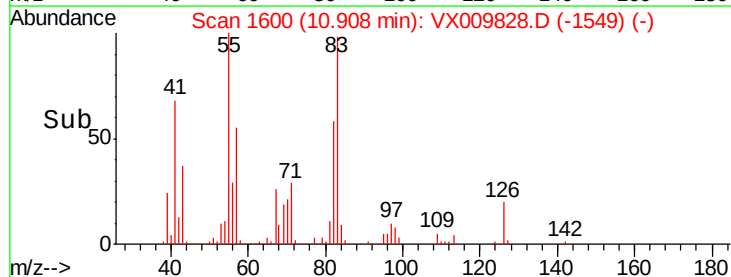
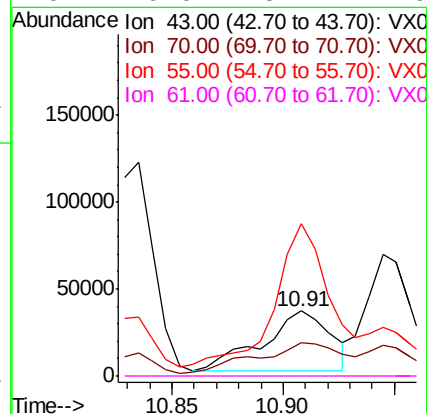
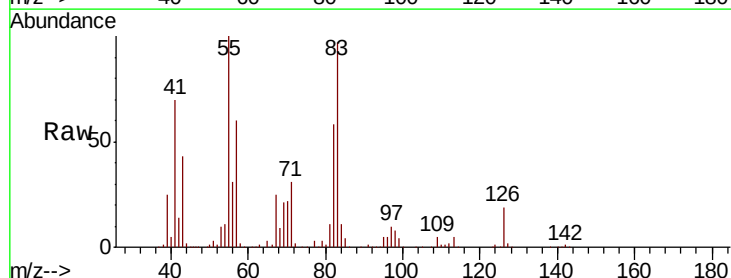
Ion Ratio Lower Upper

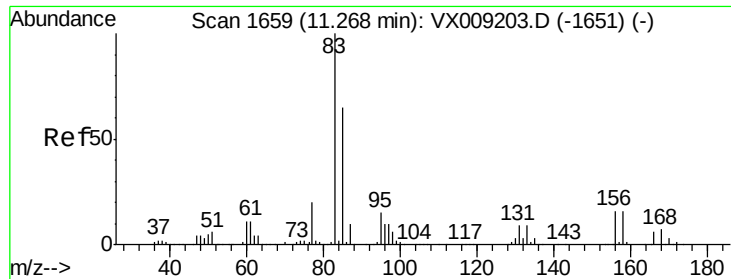
43 100

70 68.4 30.0 45.0#

55 191.4 17.9 26.9#

61 0.0 18.4 27.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 12.327 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA\_X

ClientSampleId :

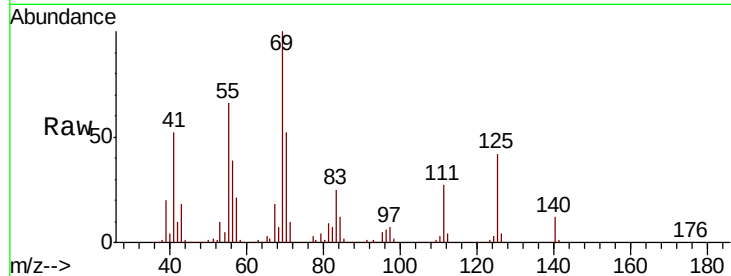
Tot Ion: 83 Resp: 45072

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

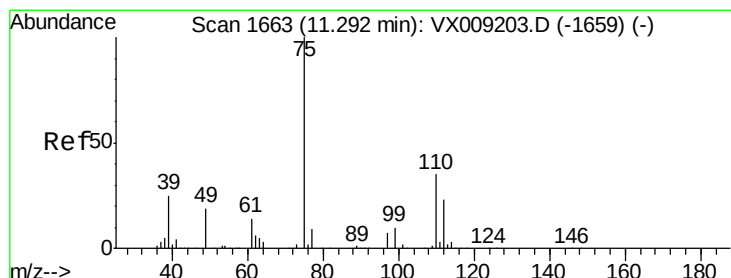
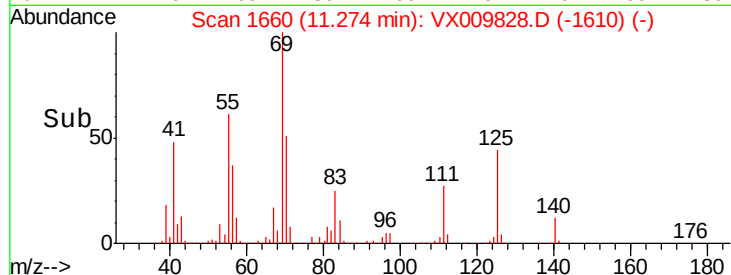
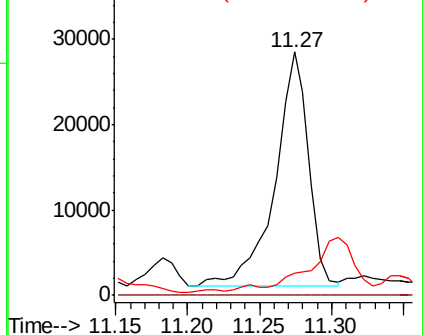
85 0.0 32.0 96.2#



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: 22.820 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009828.D

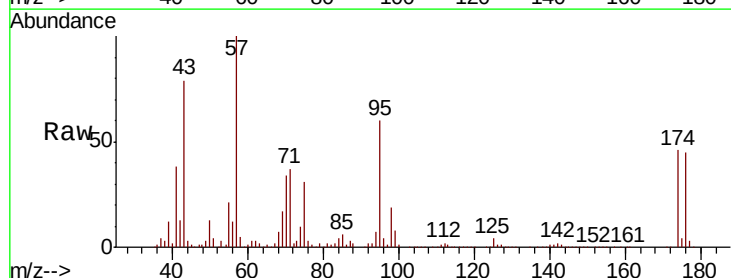
Acq: 23 May 2019 01:41

Tgt Ion: 75 Resp: 71396

Ion Ratio Lower Upper

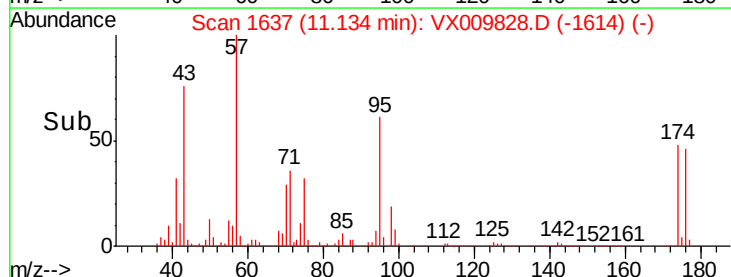
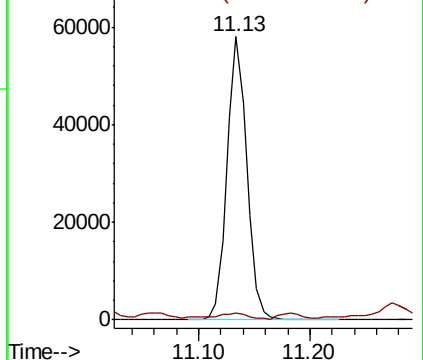
75 100

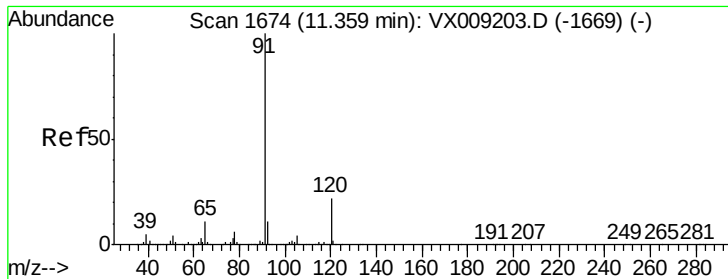
77 2.8 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 5.689 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA\_X

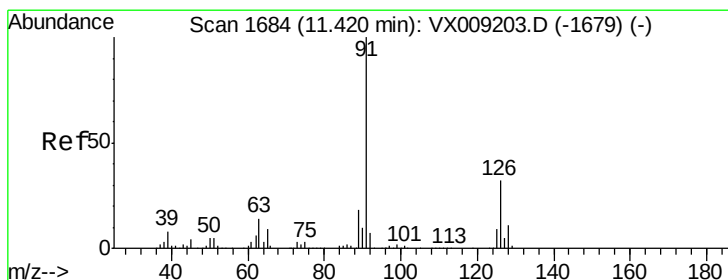
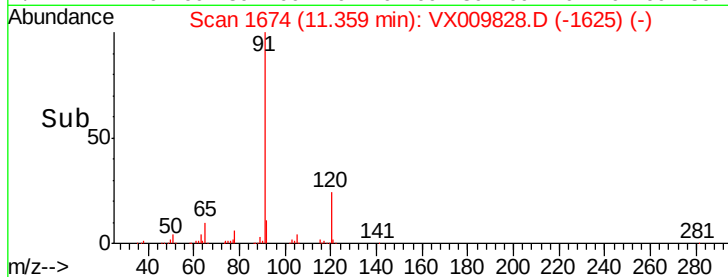
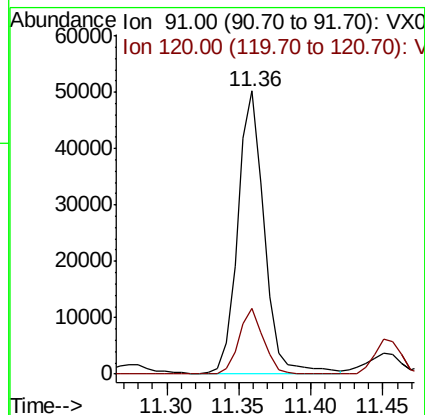
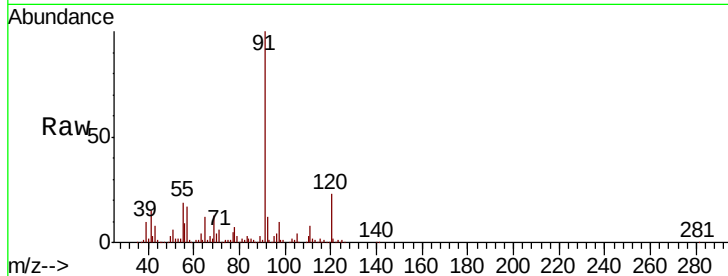
ClientSampled :

Tot Ion: 91 Resp: 63729

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0



#79

2-Chlorotoluene

Concen: 0.647 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VX009828.D

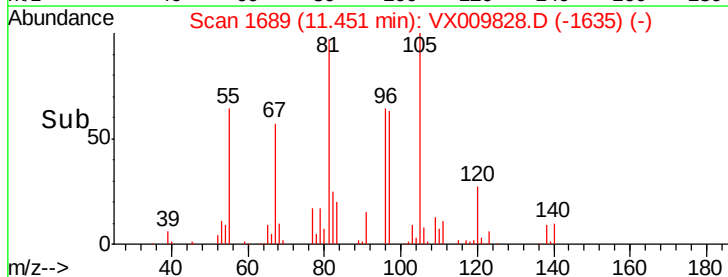
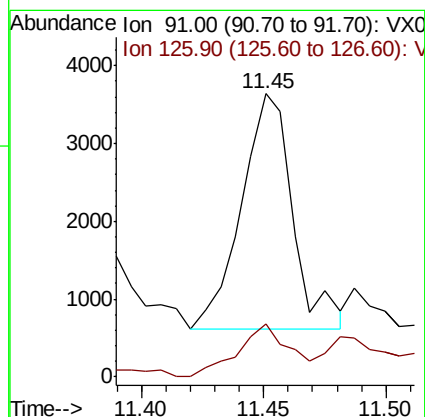
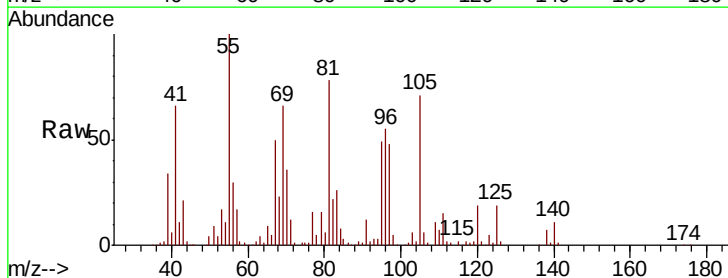
Acq: 23 May 2019 01:41

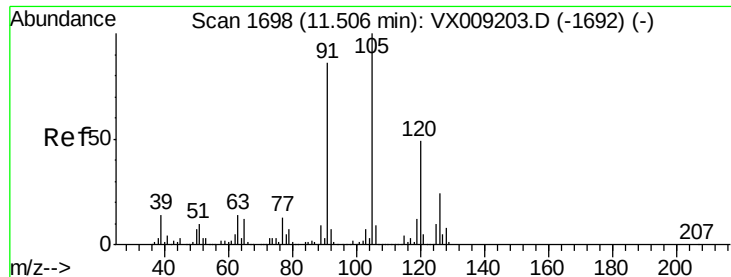
Tgt Ion: 91 Resp: 4469

Ion Ratio Lower Upper

91 100

126 22.4 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 3.277 ug/l

RT: 11.45 min Scan# 1689

Delta R.T. -0.05 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA\_X

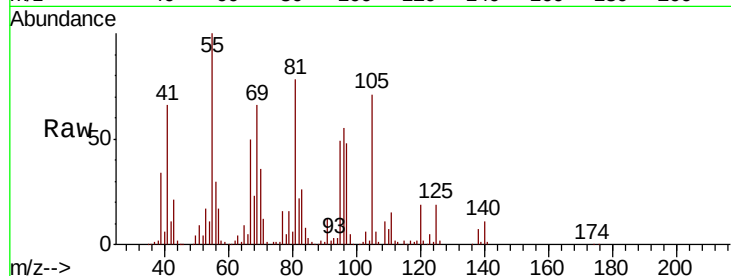
ClientSampled :

Tot Ion:105 Resp: 27059

Ion Ratio Lower Upper

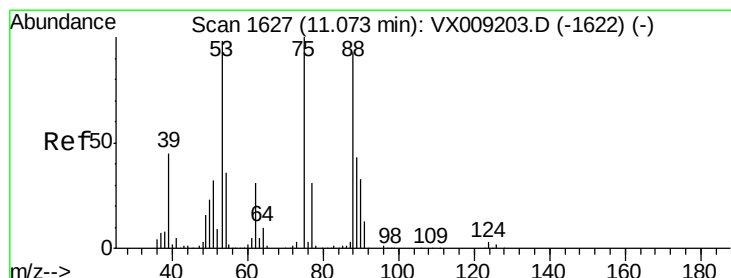
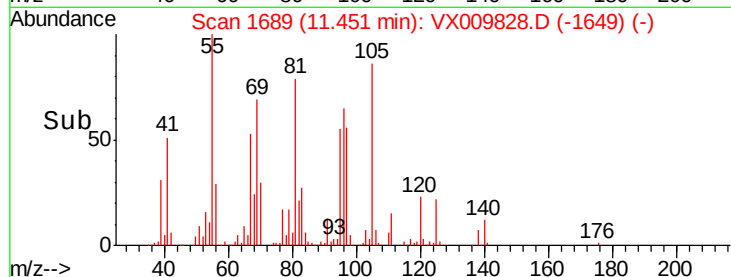
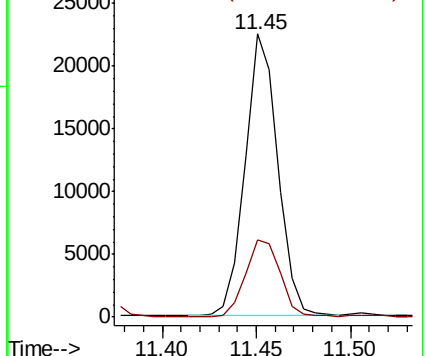
105 100

120 29.6 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: 58.388 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

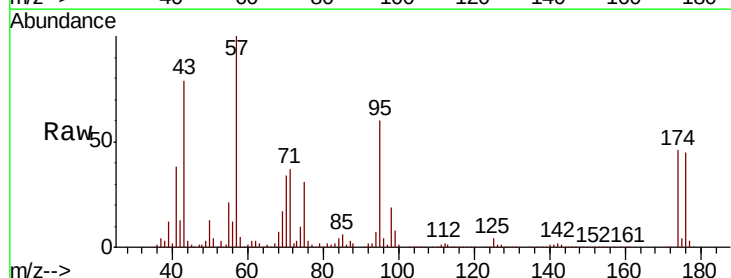
Tgt Ion: 75 Resp: 71396

Ion Ratio Lower Upper

75 100

53 10.6 79.0 118.6#

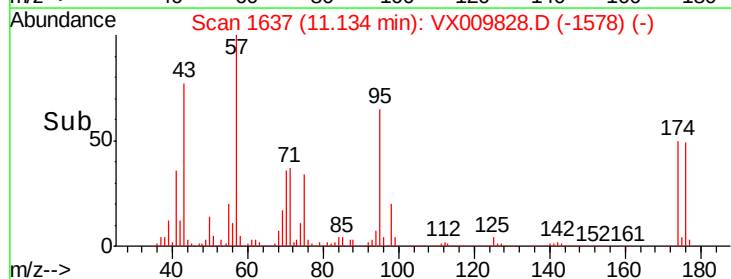
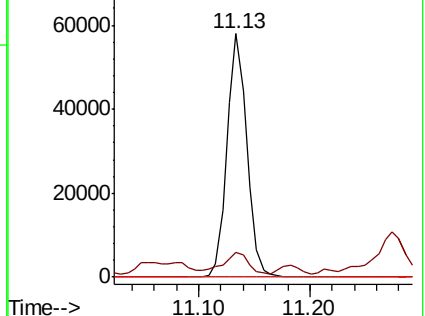
89 0.0 34.7 52.1#



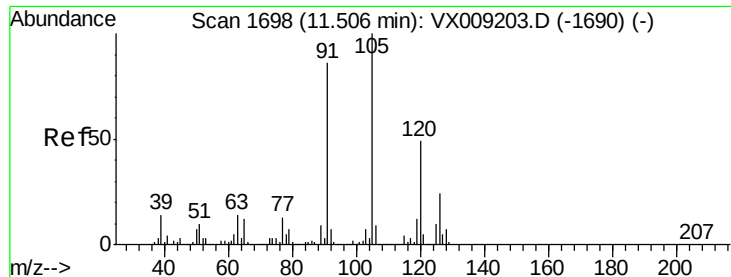
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



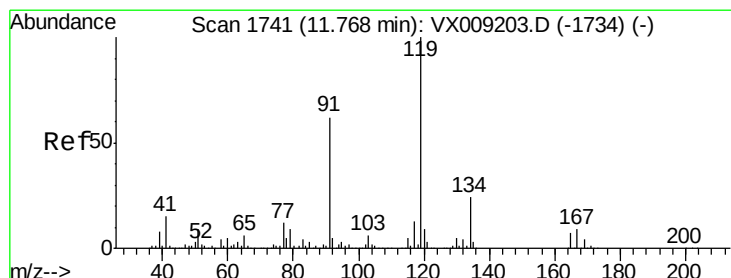
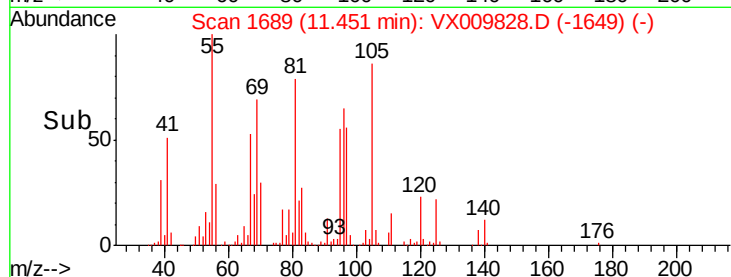
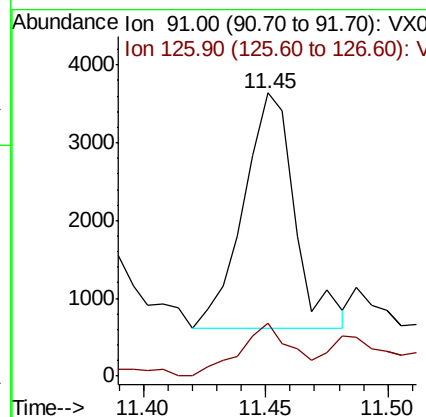
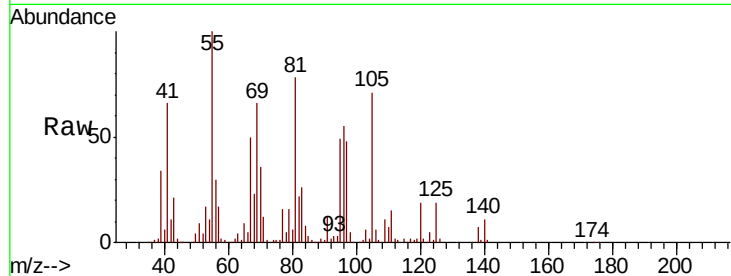




#82  
4-Chlorotoluene  
Concen: 0.572 ug/l  
RT: 11.45 min Scan# 1689  
Delta R.T. -0.05 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

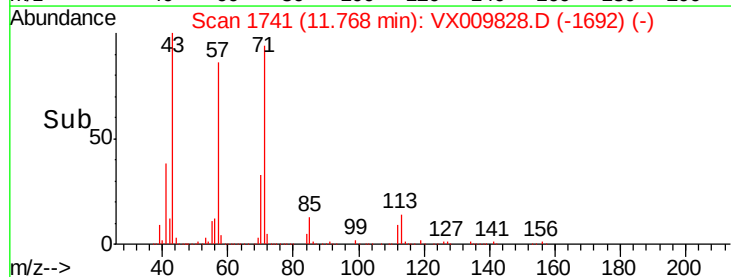
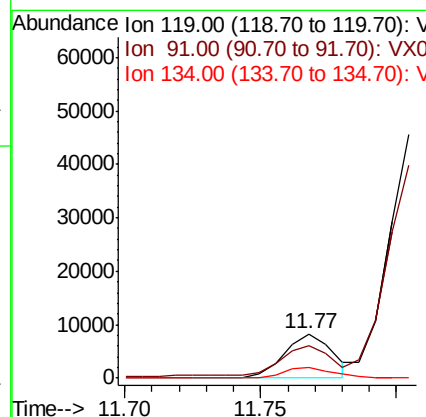
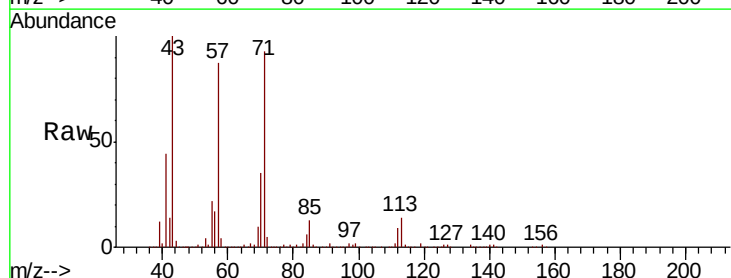
Instrument :  
MSVOA\_X  
ClientSampleId :

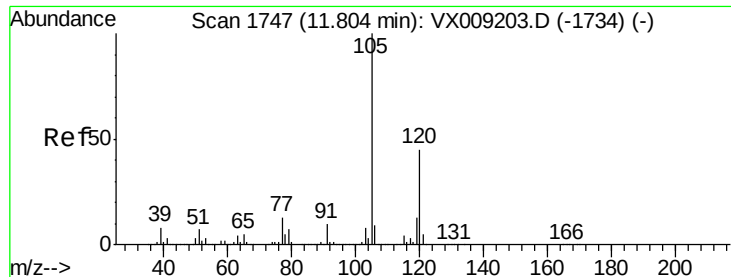
Tot Ion: 91 Resp: 4469  
Ion Ratio Lower Upper  
91 100  
126 22.4 14.5 43.6



#83  
tert-Butylbenzene  
Concen: 1.258 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX009828.D  
Acq: 23 May 2019 01:41

Tgt Ion: 119 Resp: 10105  
Ion Ratio Lower Upper  
119 100  
91 75.1 29.5 88.5  
134 25.3 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 53.302 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA\_X

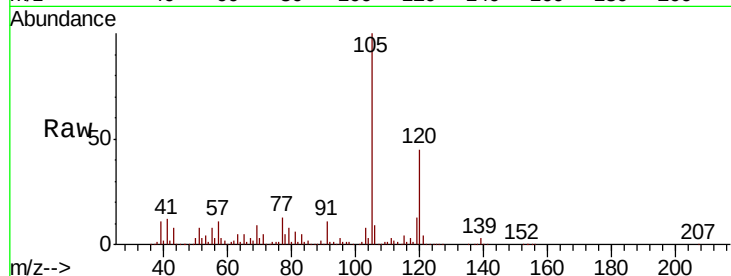
ClientSampled :

Tot Ion:105 Resp: 441841

Ion Ratio Lower Upper

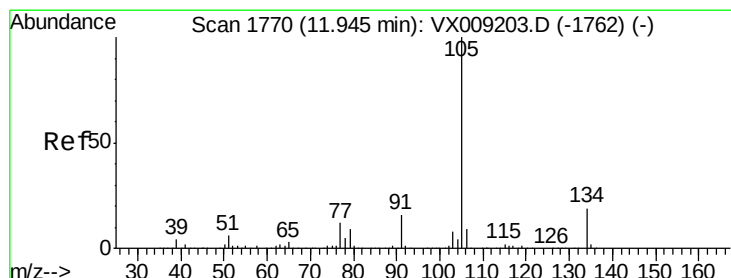
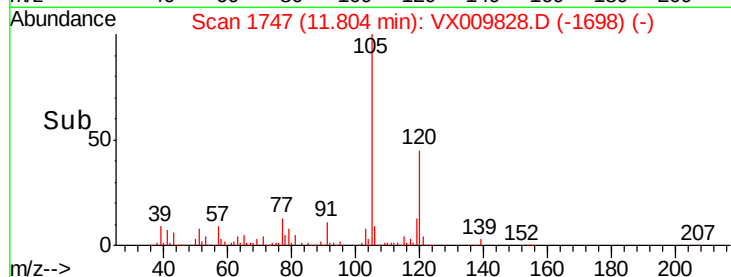
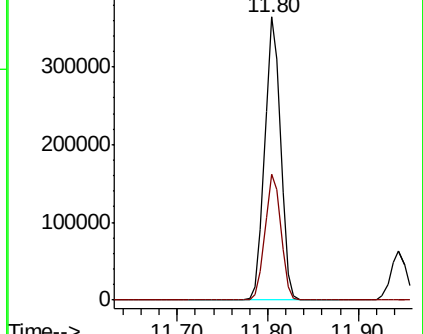
105 100

120 45.0 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 8.024 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009828.D

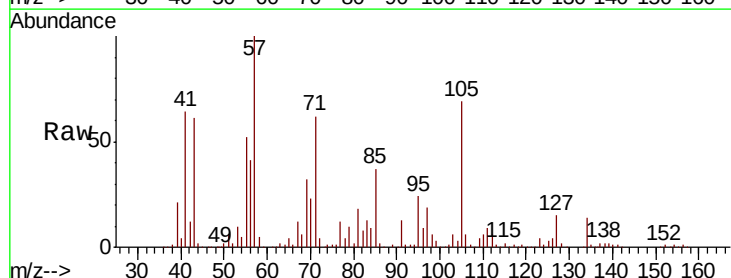
Acq: 23 May 2019 01:41

Tgt Ion:105 Resp: 76426

Ion Ratio Lower Upper

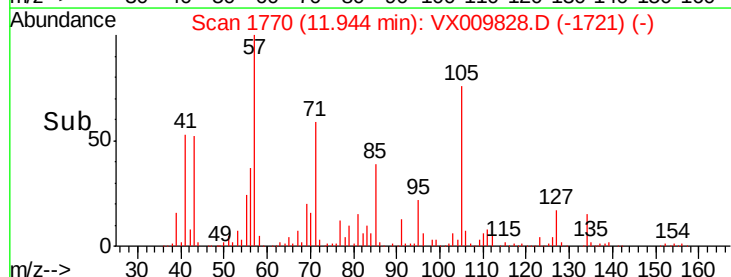
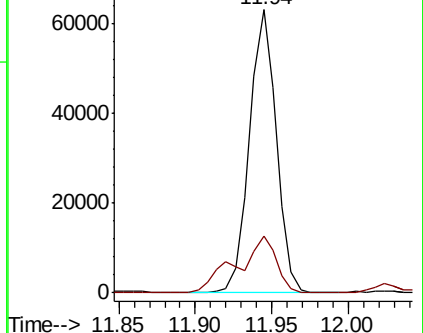
105 100

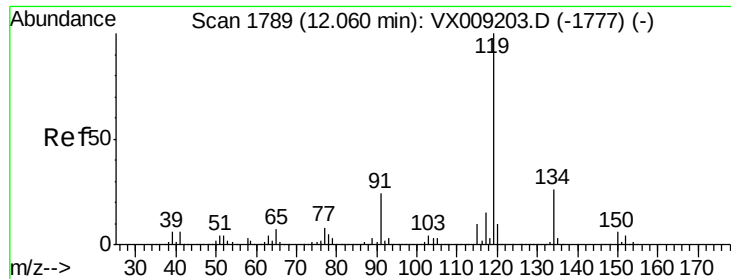
134 17.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

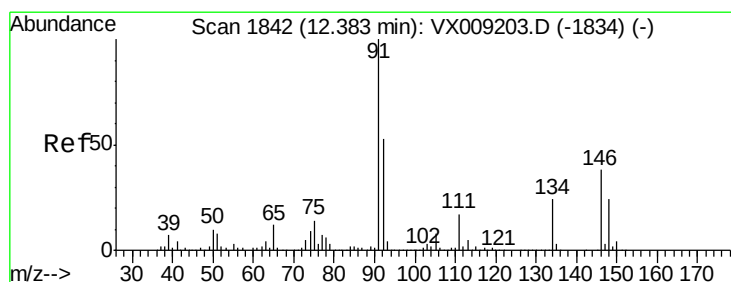
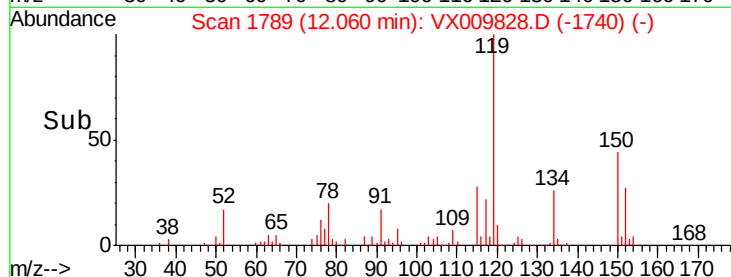
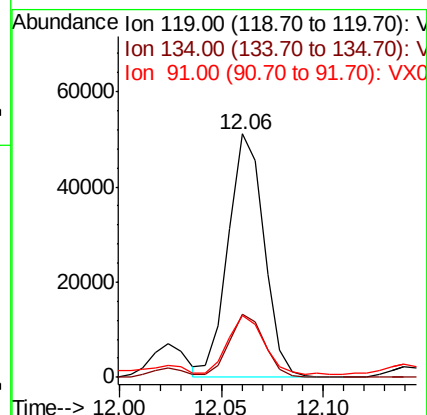
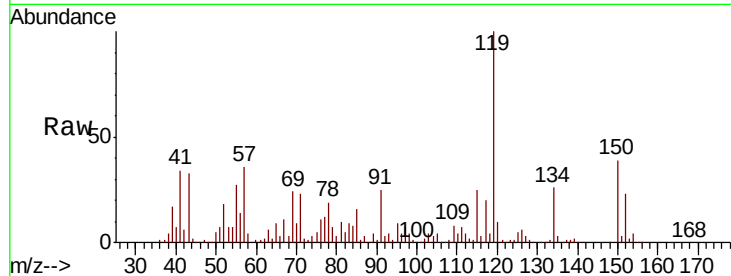




#86  
 p-Isopropyltoluene  
 Concen: 7.256 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX009828.D  
 Acq: 23 May 2019 01:41

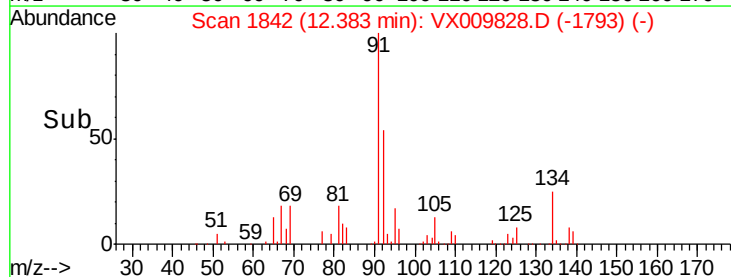
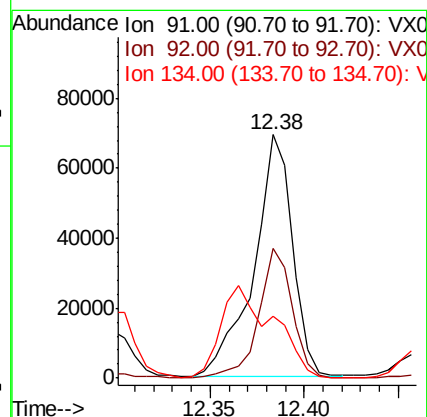
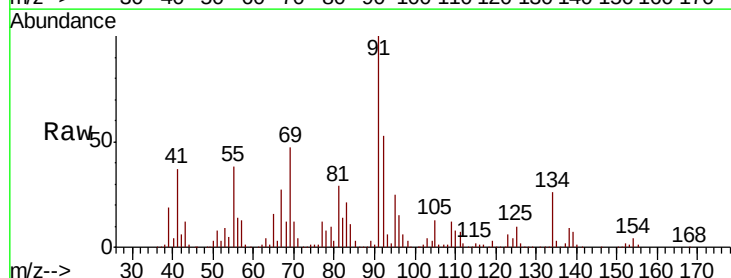
Instrument :  
 MSVOA\_X  
 ClientSampleId :

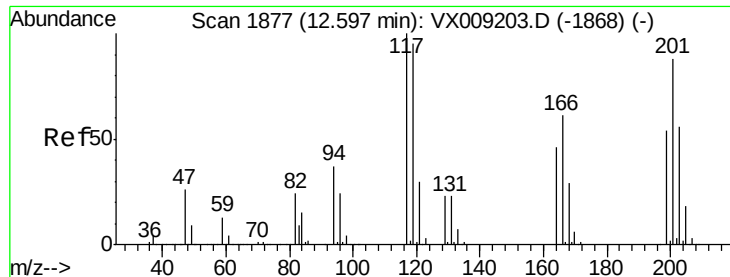
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.3  | 12.9  | 38.7  |
| 91      | 24.2  | 11.8  | 35.4  |



#89  
 n-Butylbenzene  
 Concen: 12.642 ug/l  
 RT: 12.38 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: VX009828.D  
 Acq: 23 May 2019 01:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 46.2  | 26.5  | 79.5  |
| 134     | 52.4  | 12.4  | 37.2  |





#90

Hexachloroethane

Concen: 8.419 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

Instrument :

MSVOA\_X

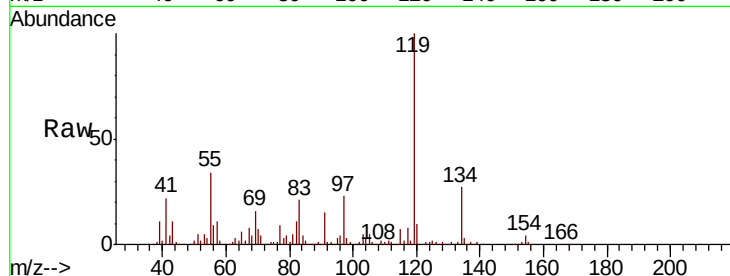
ClientSampled :

Tot Ion:117 Resp: 12282

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

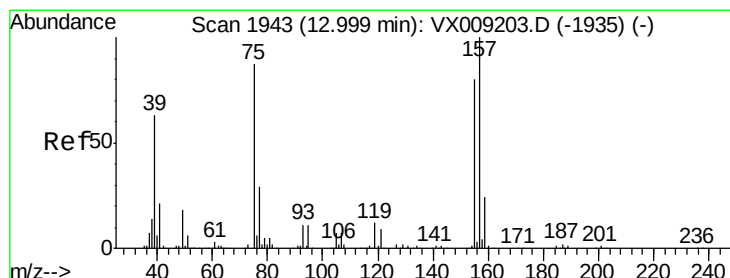
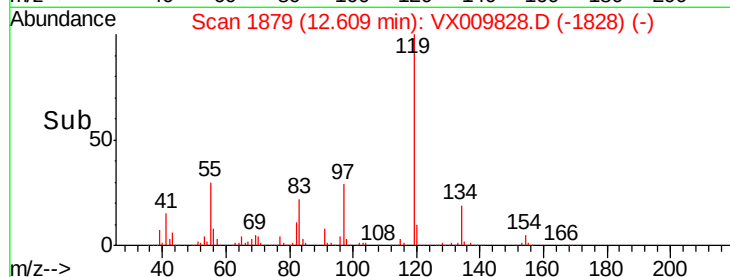
12.61

10000

5000

0

Time--> 12.58 12.60 12.62 12.64



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.529 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX009828.D

Acq: 23 May 2019 01:41

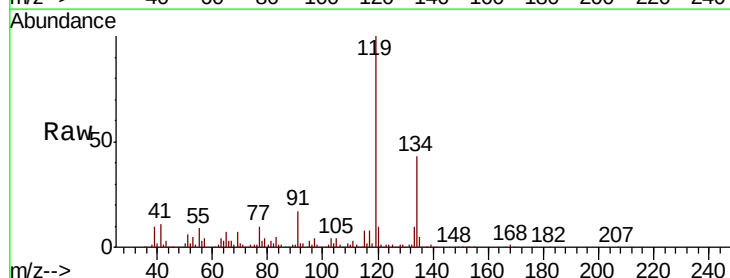
Tgt Ion: 75 Resp: 1254

Ion Ratio Lower Upper

75 100

155 8.5 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

1500

1000

500

0

Time--> 13.00 13.05

