

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\WX052419\  
 Data File : VX009879.D  
 Acq On : 24 May 2019 12:17  
 Operator : JC/SP  
 Sample : K2976-12ME  
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(17-20)ME

Quant Time: May 24 12:37:28 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

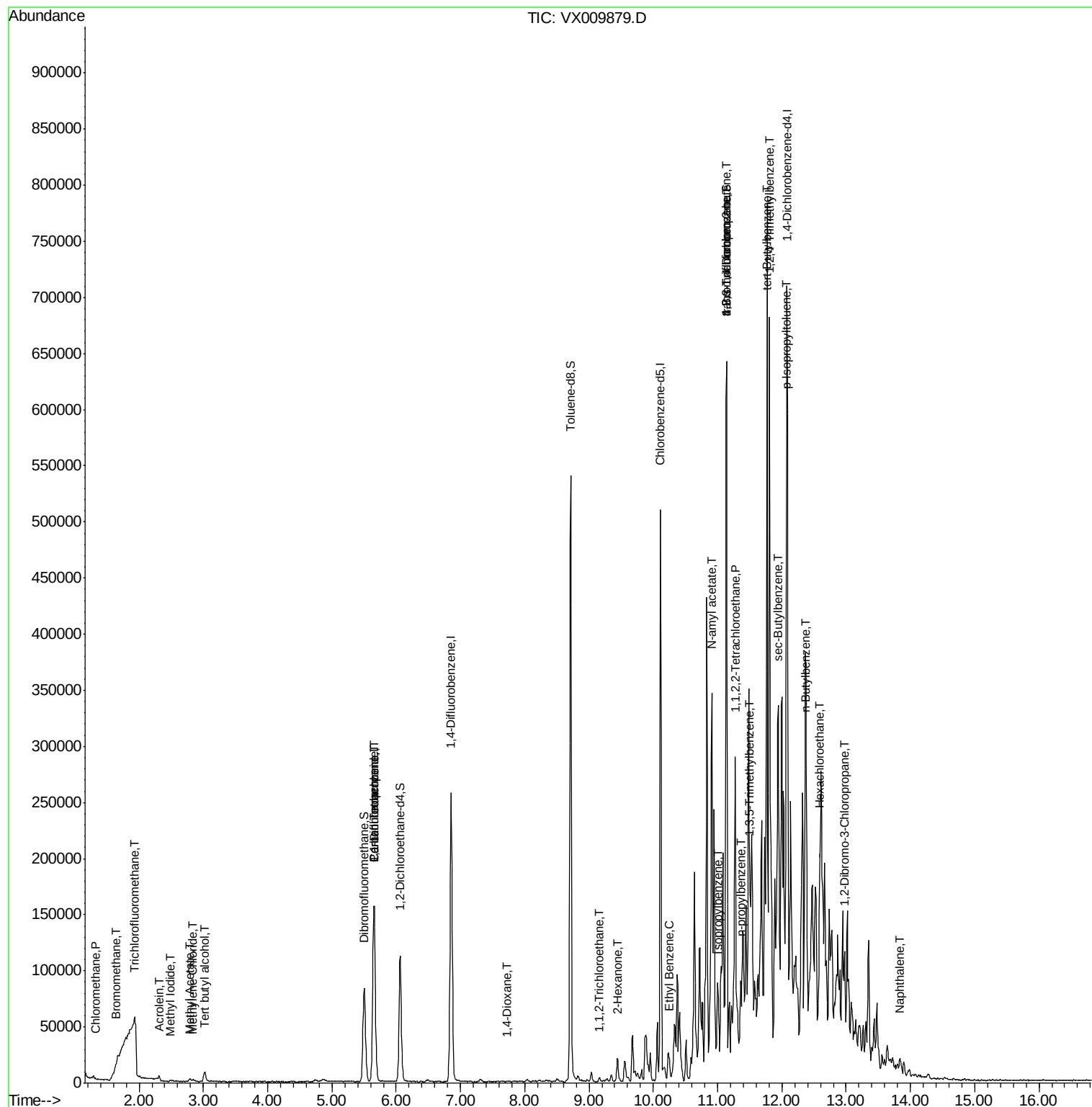
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.66   | 168  | 151837   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.85   | 114  | 243455   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.11  | 117  | 223661   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08  | 152  | 112300   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.06   | 65   | 105063   | 50.69     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 101.38% |          |
| 35) Dibromofluoromethane       | 5.50   | 113  | 71031    | 46.41     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 92.82%  |          |
| 50) Toluene-d8                 | 8.71   | 98   | 310287   | 50.22     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 100.44% |          |
| 62) 4-Bromofluorobenzene       | 11.14  | 95   | 117130   | 52.17     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 104.34% |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 3) Chloromethane               | 1.32   | 50   | 444      | 0.232     | ug/l #  | 83       |
| 5) Bromomethane                | 1.64   | 94   | 680      | 0.608     | ug/l    | 90       |
| 7) Trichlorofluoromethane      | 1.93   | 101  | 582      | 0.257     | ug/l #  | 54       |
| 10) Methyl Iodide              | 2.48   | 142  | 293      | 4.755     | ug/l #  | 91       |
| 11) Tert butyl alcohol         | 3.03   | 59   | 5869     | 12.232    | ug/l #  | 76       |
| 13) Acrolein                   | 2.31   | 56   | 206      | 0.474     | ug/l #  | 62       |
| 18) Methyl Acetate             | 2.80   | 43   | 2660     | 1.005     | ug/l #  | 89       |
| 20) Methylene Chloride         | 2.84   | 84   | 803      | 0.446     | ug/l #  | 91       |
| 28) Bromochloromethane         | 5.01   | 49   | 63       | Below Cal | #       | 20       |
| 36) 1,1-Dichloropropene        | 5.66   | 75   | 12444    | 5.500     | ug/l #  | 51       |
| 38) Carbon Tetrachloride       | 5.65   | 117  | 14098    | 6.858     | ug/l #  | 15       |
| 49) 1,4-Dioxane                | 7.72   | 88   | 20       | 0.394     | ug/l #  | 1        |
| 55) 1,1,2-Trichloroethane      | 9.16   | 97   | 1061     | 0.611     | ug/l #  | 19       |
| 59) 2-Hexanone                 | 9.44   | 43   | 7614     | 2.942     | ug/l #  | 33       |
| 67) Ethyl Benzene              | 10.25  | 91   | 2564     | 0.311     | ug/l    | 92       |
| 73) Isopropylbenzene           | 11.02  | 105  | 11295    | 1.383     | ug/l    | 99       |
| 74) N-amyl acetate             | 10.91  | 43   | 36137    | 7.590     | ug/l #  | 1        |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27  | 83   | 17022    | 5.591     | ug/l #  | 25       |
| 76) 1,2,3-Trichloropropane     | 11.14  | 75   | 59884    | 22.988    | ug/l #  | 35       |
| 78) n-propylbenzene            | 11.36  | 91   | 33451    | 3.587     | ug/l    | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51  | 105  | 29725    | 4.323     | ug/l    | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.14  | 75   | 59884    | 58.819    | ug/l #  | 13       |
| 83) tert-Butylbenzene          | 11.77  | 119  | 4578     | 0.684     | ug/l    | 94       |
| 84) 1,2,4-Trimethylbenzene     | 11.80  | 105  | 220426   | 31.937    | ug/l    | 99       |
| 85) sec-Butylbenzene           | 11.94  | 105  | 33822    | 4.265     | ug/l    | 98       |
| 86) p-Isopropyltoluene         | 12.07  | 119  | 29532    | 4.142     | ug/l    | 98       |
| 89) n-Butylbenzene             | 12.38  | 91   | 45526    | 7.065     | ug/l #  | 62       |
| 90) Hexachloroethane           | 12.58  | 117  | 4564     | 3.758     | ug/l #  | 7        |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98  | 75   | 396      | 0.580     | ug/l #  | 8        |
| 95) Naphthalene                | 13.83  | 128  | 7957     | 0.972     | ug/l #  | 91       |

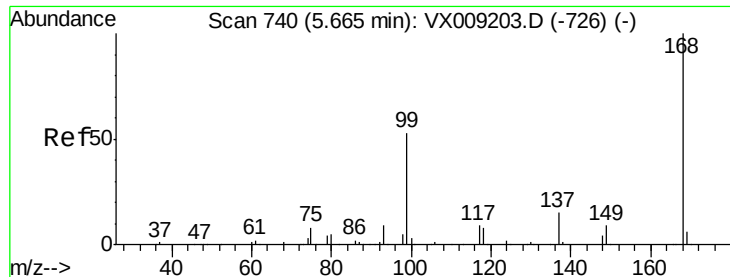
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_X\DATA\VX052419\  
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ClientSampleId :  
EP1-SB-MW-ER(17-20)ME

Quant Time: May 24 12:37:28 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: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA\_X

ClientSampleId :

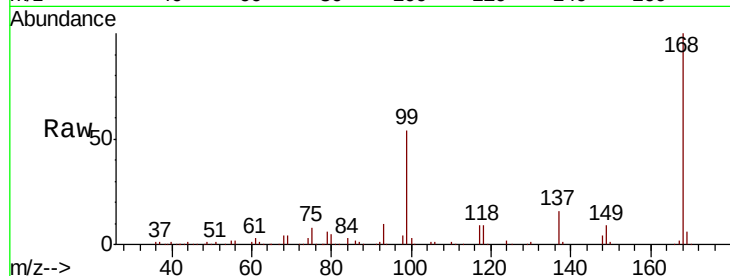
EP1-SB-MW-ER(17-20)ME

Tgt Ion:168 Resp: 151837

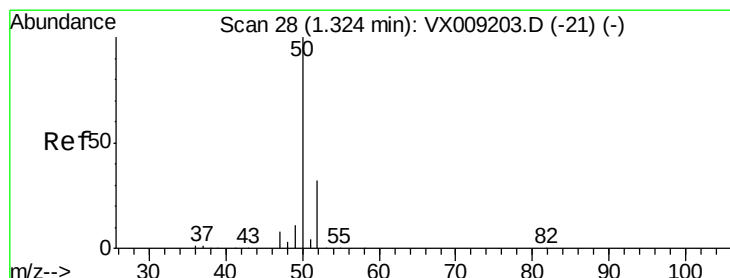
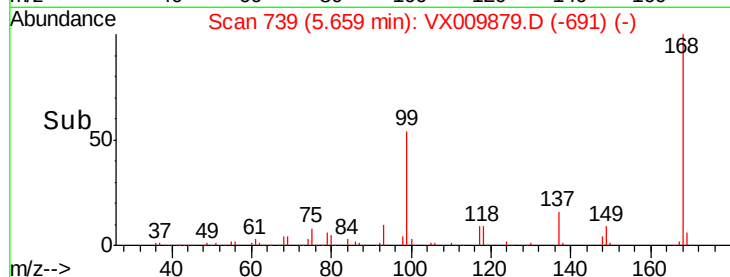
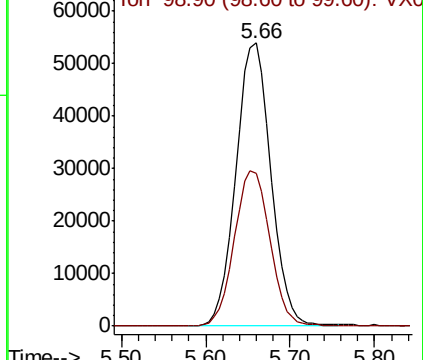
Ion Ratio Lower Upper

168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)



#3

Chloromethane

Concen: 0.232 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009879.D

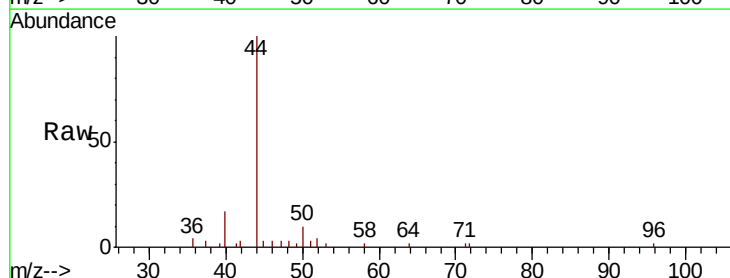
Acq: 24 May 2019 12:17

Tgt Ion: 50 Resp: 444

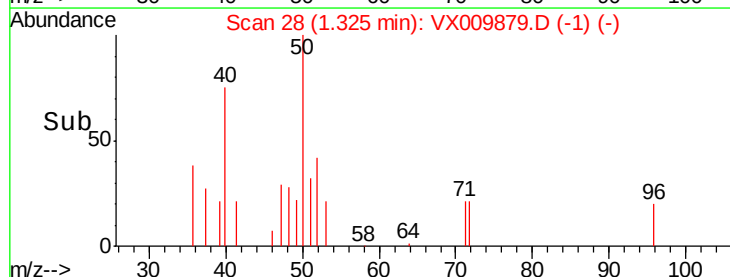
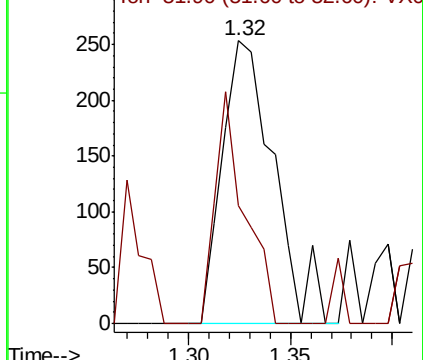
Ion Ratio Lower Upper

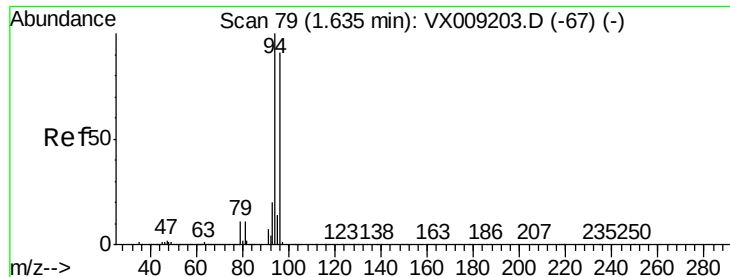
50 100

52 41.9 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX009203.D (-21) (-)





#5

Bromomethane

Concen: 0.608 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA\_X

ClientSampleId :

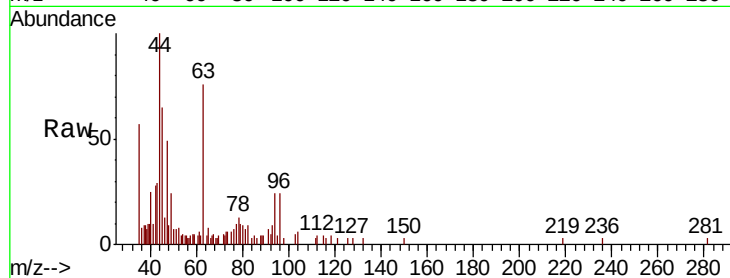
EP1-SB-MW-ER(17-20)ME

Tgt Ion: 94 Resp: 680

Ion Ratio Lower Upper

94 100

96 81.4 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

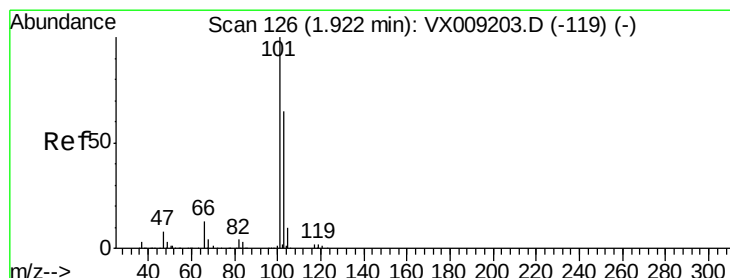
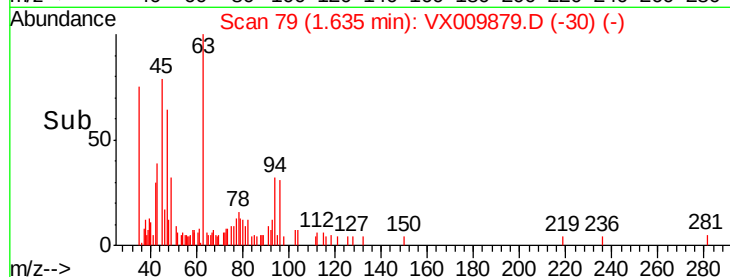
300

200

100

0

Time-->



#7

Trichlorofluoromethane

Concen: 0.257 ug/l

RT: 1.93 min Scan# 128

Delta R.T. 0.01 min

Lab File: VX009879.D

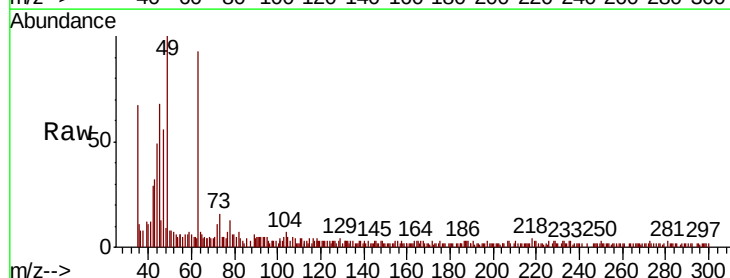
Acq: 24 May 2019 12:17

Tgt Ion: 101 Resp: 582

Ion Ratio Lower Upper

101 100

103 29.4 52.4 78.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

400

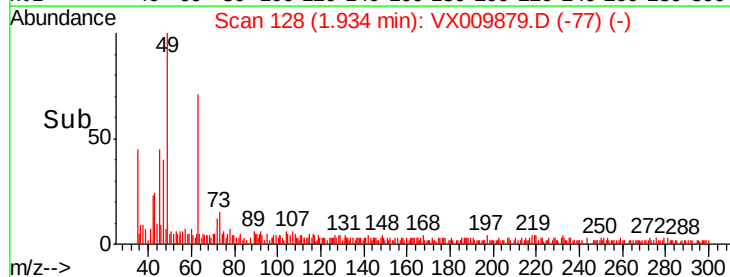
300

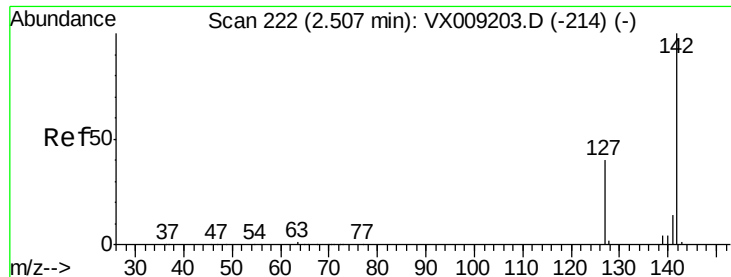
200

100

0

Time-->

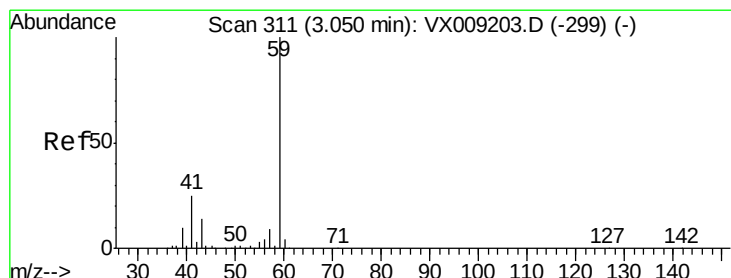
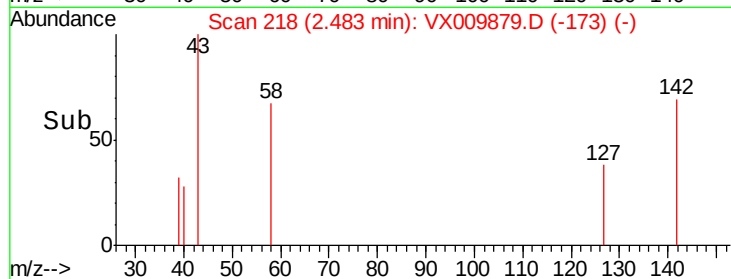
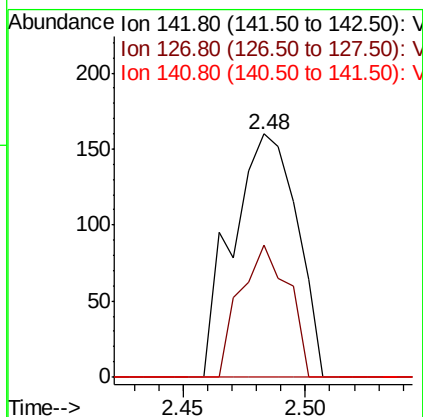
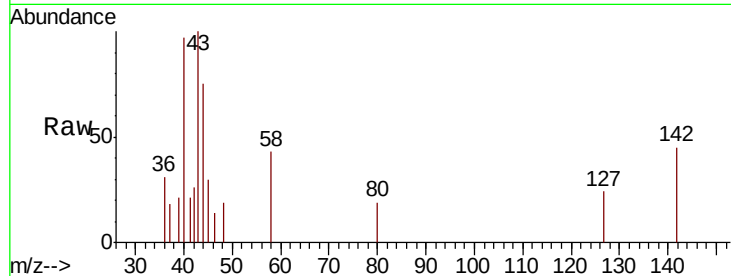




#10  
Methyl Iodide  
Concen: 4.755 ug/l  
RT: 2.48 min Scan# 218  
Delta R.T. -0.02 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

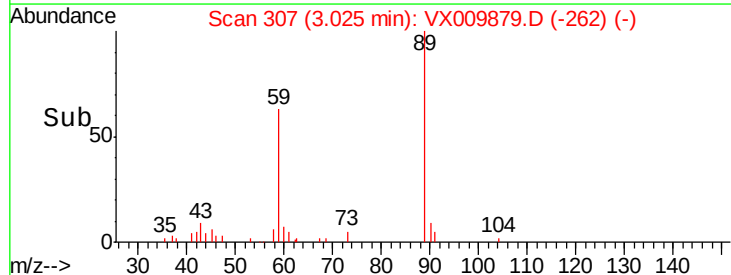
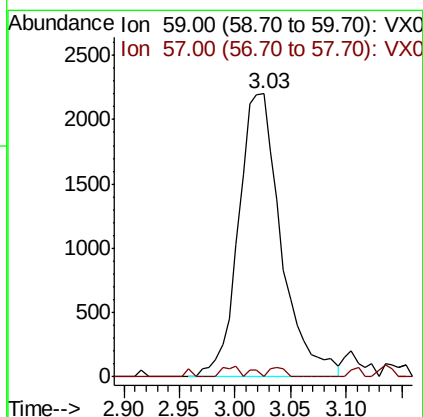
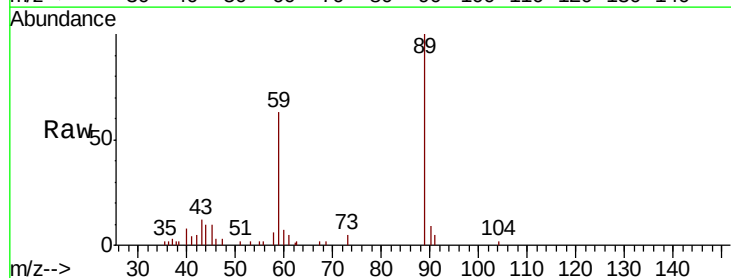
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(17-20)ME

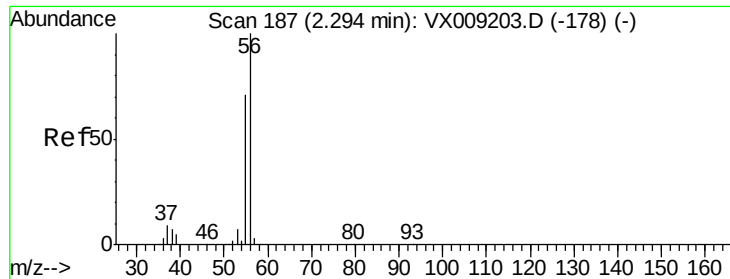
Tgt Ion: 142 Resp: 293  
Ion Ratio Lower Upper  
142 100  
127 40.6 32.7 49.1  
141 0.0 11.5 17.3#



#11  
Tert butyl alcohol  
Concen: 12.232 ug/l  
RT: 3.03 min Scan# 307  
Delta R.T. -0.02 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

Tgt Ion: 59 Resp: 5869  
Ion Ratio Lower Upper  
59 100  
57 1.2 8.2 12.2#





#13

Acrolein

Concen: 0.474 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA\_X

ClientSampleId :

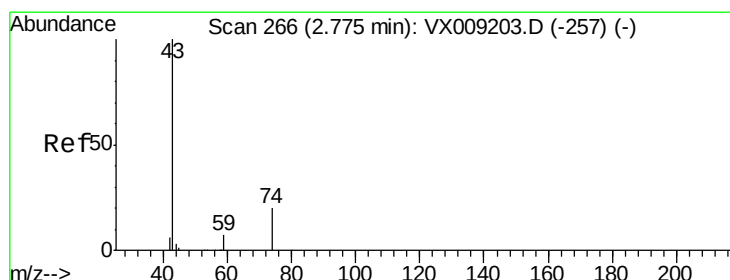
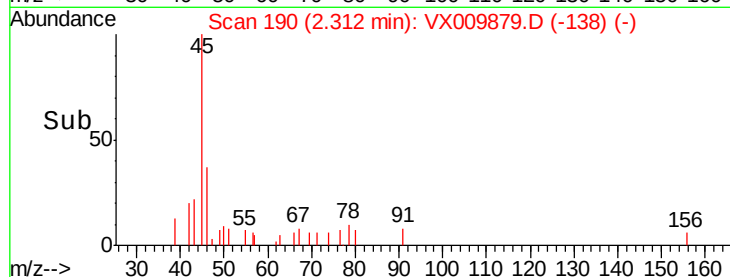
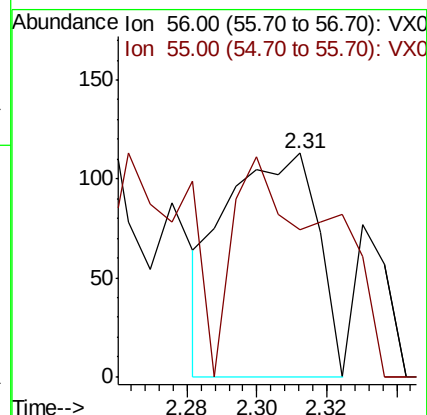
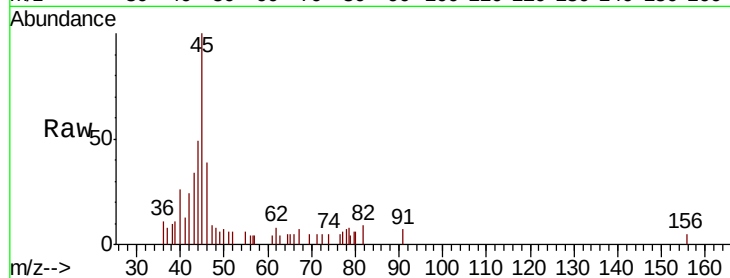
EP1-SB-MW-ER(17-20)ME

Tgt Ion: 56 Resp: 206

Ion Ratio Lower Upper

56 100

55 102.4 56.6 85.0#



#18

Methyl Acetate

Concen: 1.005 ug/l

RT: 2.80 min Scan# 270

Delta R.T. 0.02 min

Lab File: VX009879.D

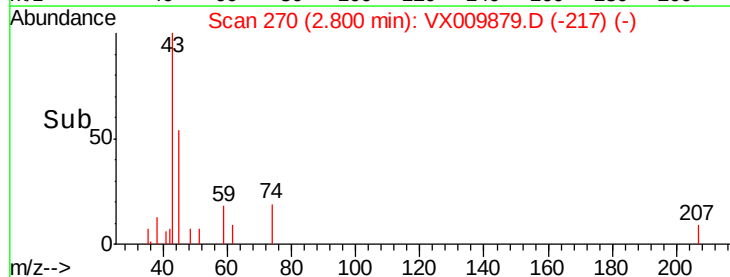
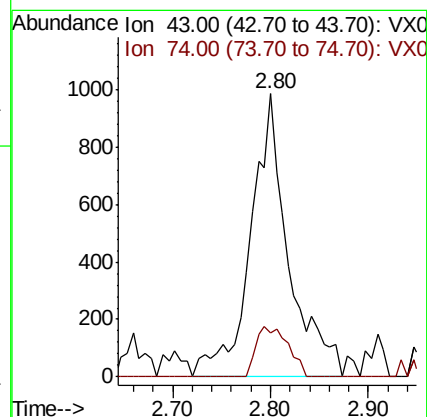
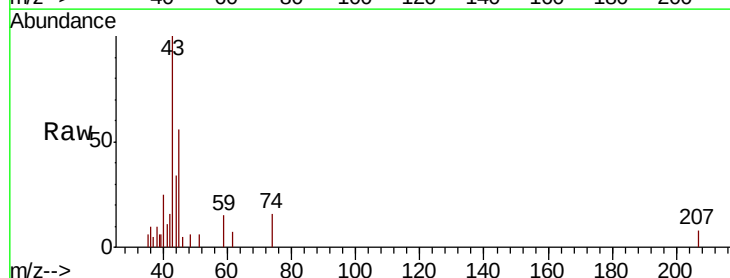
Acq: 24 May 2019 12:17

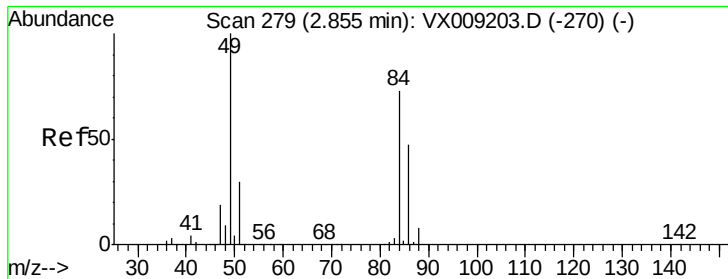
Tgt Ion: 43 Resp: 2660

Ion Ratio Lower Upper

43 100

74 15.1 16.2 24.4#

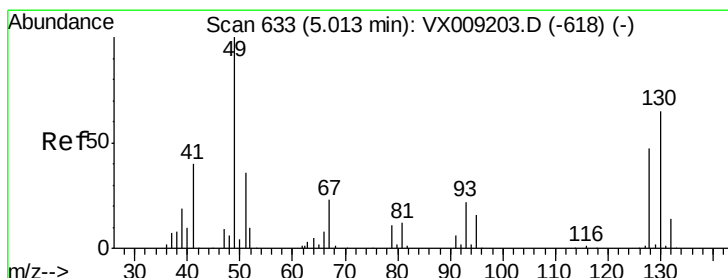
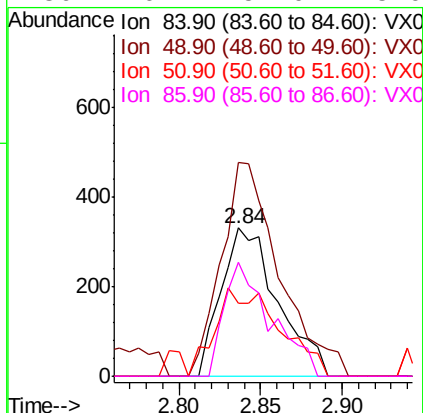
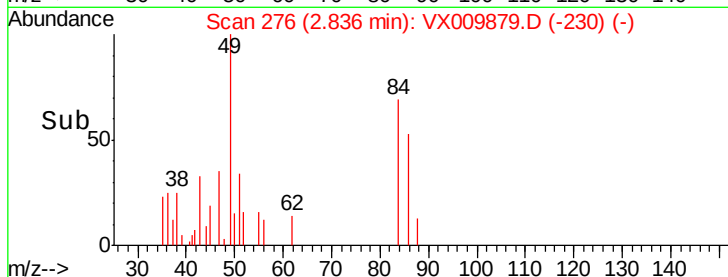
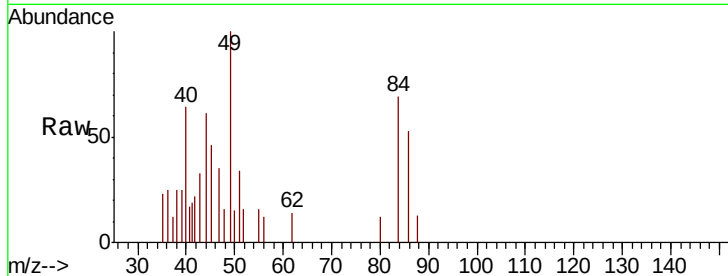




#20  
Methylene Chloride  
Concen: 0.446 ug/l  
RT: 2.84 min Scan# 276  
Delta R.T. -0.02 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

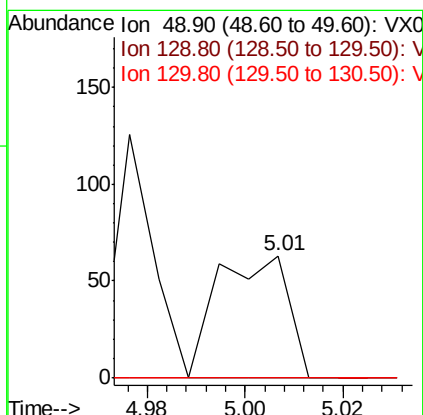
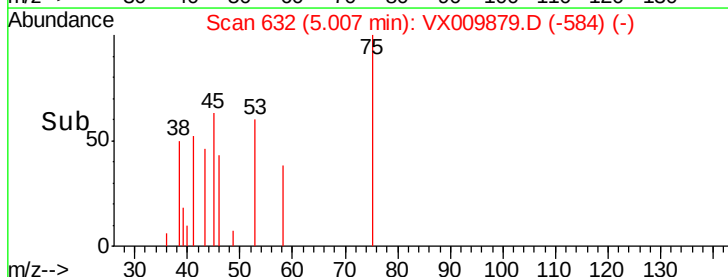
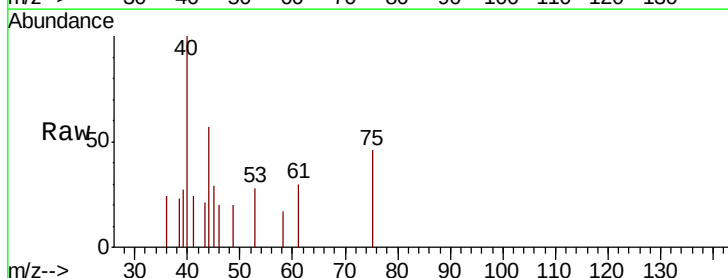
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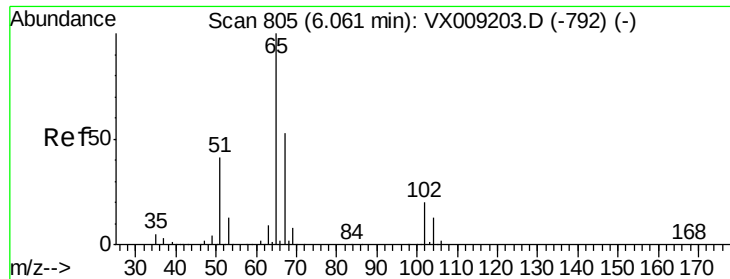
Tgt Ion: 84 Resp: 803  
Ion Ratio Lower Upper  
84 100  
49 144.1 109.9 164.9  
51 49.5 32.7 49.1#  
86 76.7 52.0 78.0



#28  
Bromochloromethane  
Concen: Below Cal  
RT: 5.01 min Scan# 632  
Delta R.T. -0.01 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

Tgt Ion: 49 Resp: 63  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.8  
130 0.0 51.2 76.8#

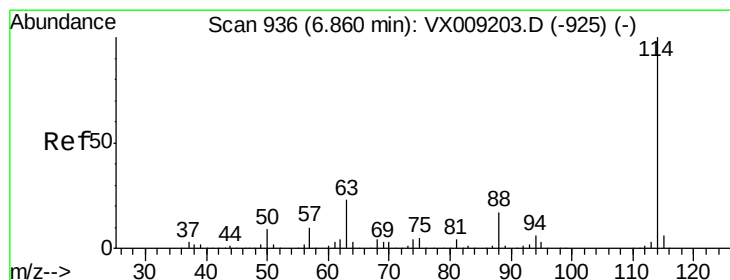
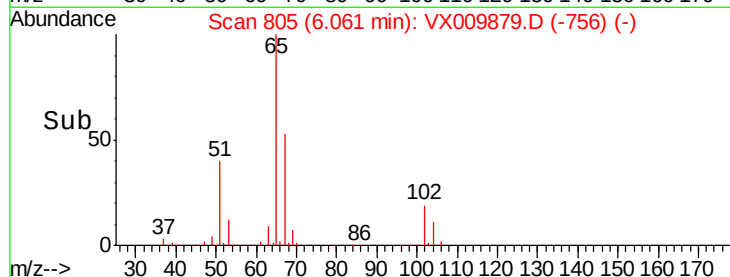
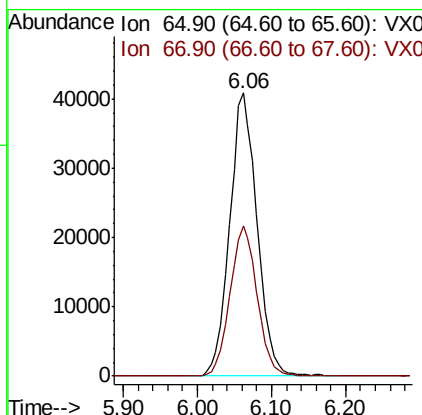
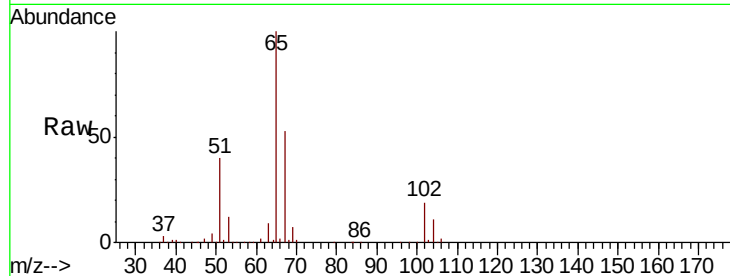




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.688 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

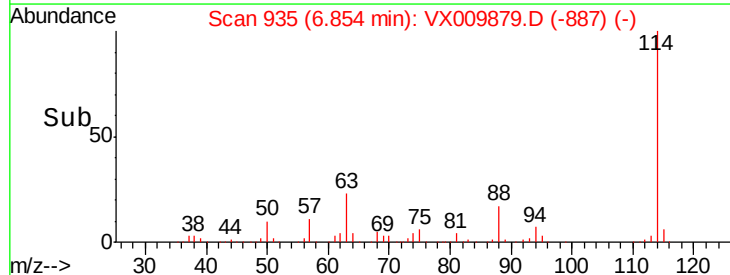
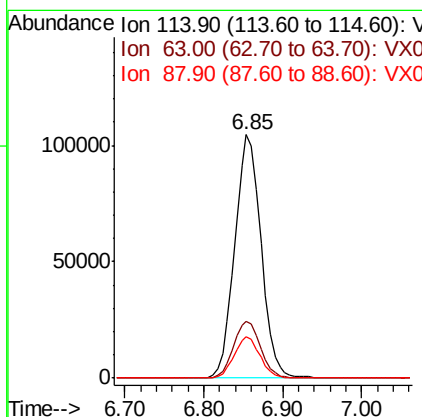
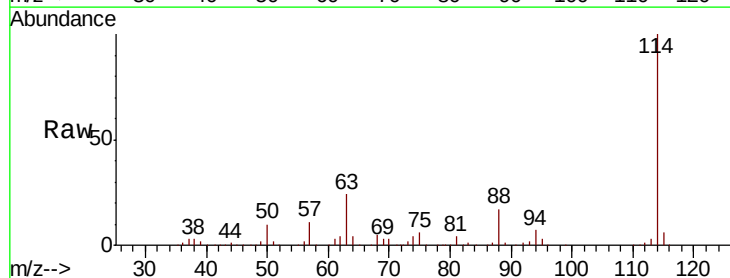
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(17-20)ME

Tgt Ion: 65 Resp: 105063  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 106.6

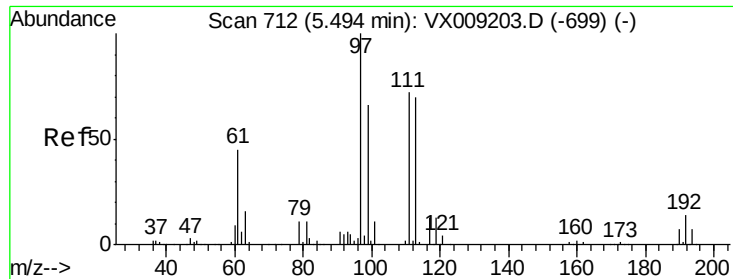


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

Tgt Ion: 114 Resp: 243455  
 Ion Ratio Lower Upper  
 114 100  
 63 23.5 0.0 45.6  
 88 16.8 0.0 33.2



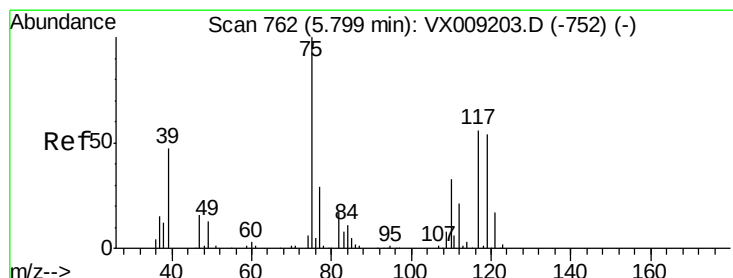
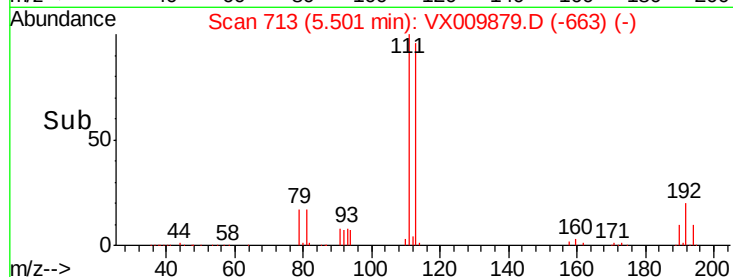
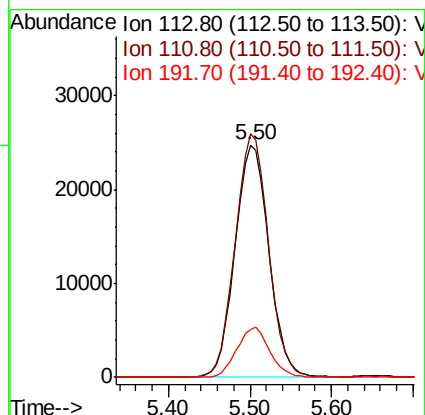
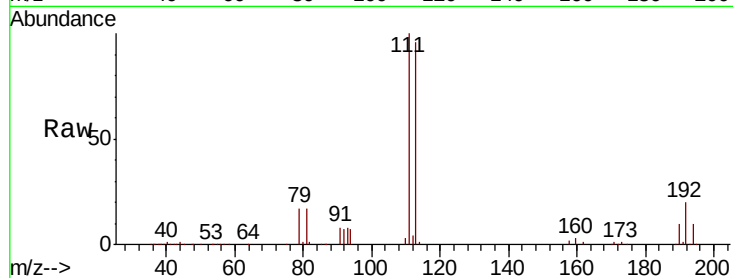




#35  
 Dibromofluoromethane  
 Concen: 46.412 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. 0.01 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

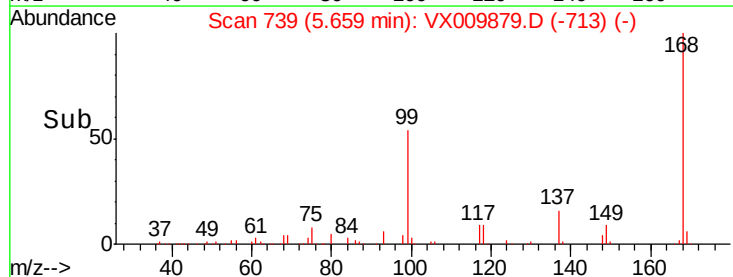
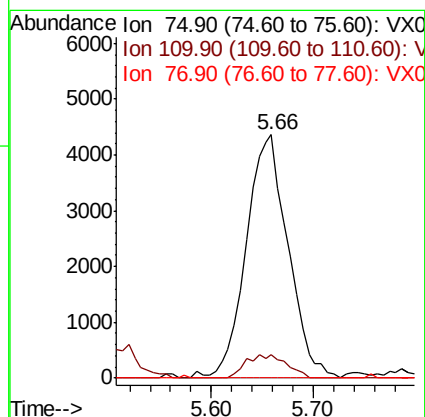
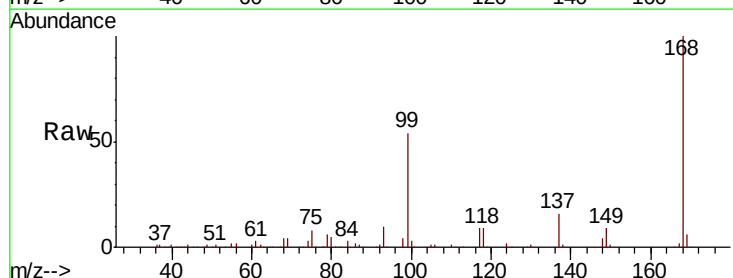
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(17-20)ME

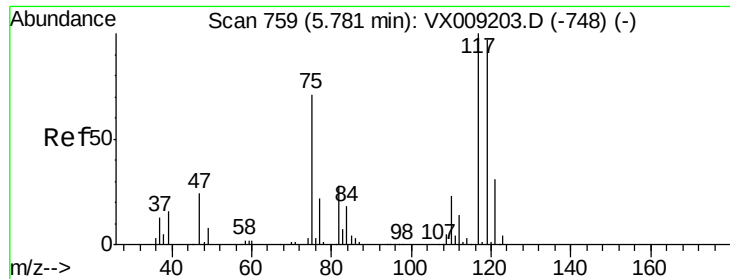
Tgt Ion:113 Resp: 71031  
 Ion Ratio Lower Upper  
 113 100  
 111 103.0 82.8 124.2  
 192 21.1 17.0 25.6



#36  
 1,1-Dichloropropene  
 Concen: 5.500 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.14 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

Tgt Ion: 75 Resp: 12444  
 Ion Ratio Lower Upper  
 75 100  
 110 9.2 16.9 50.6#  
 77 0.0 24.8 37.2#

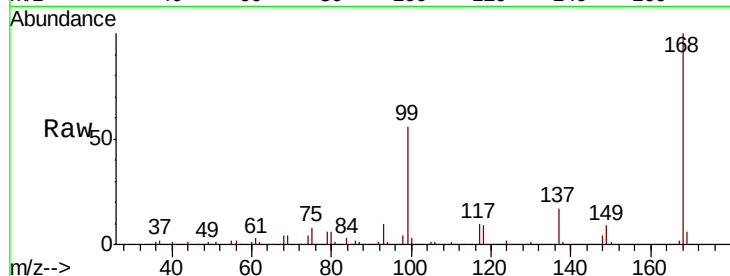




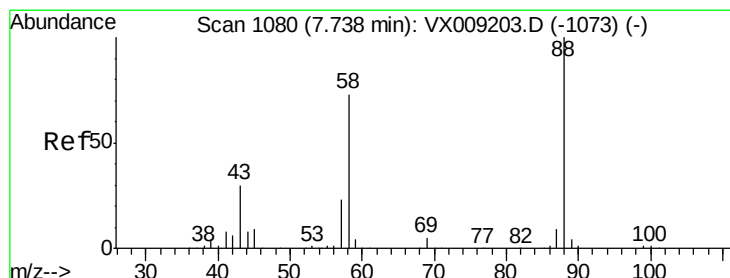
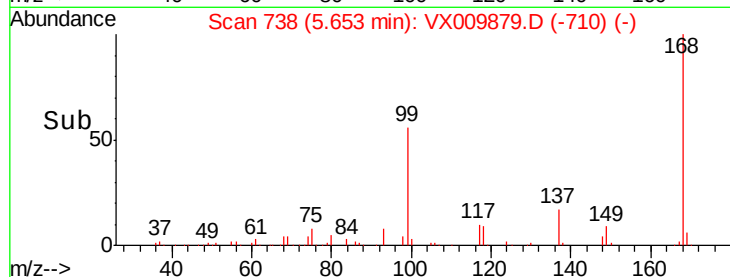
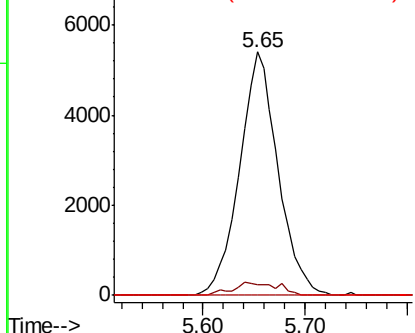
#38  
Carbon Tetrachloride  
Concen: 6.858 ug/l  
RT: 5.65 min Scan# 738  
Delta R.T. -0.13 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(17-20)ME

Tgt Ion:117 Resp: 14098  
Ion Ratio Lower Upper  
117 100  
119 4.6 77.5 116.3#  
121 0.0 24.7 37.1#

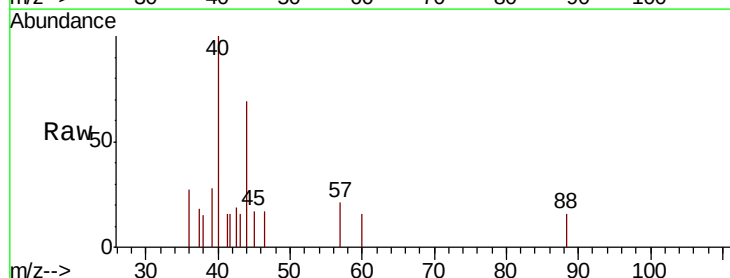


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

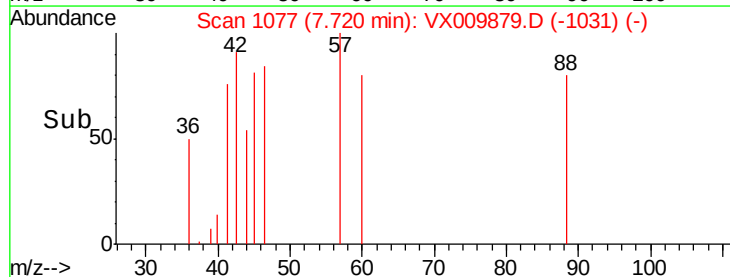
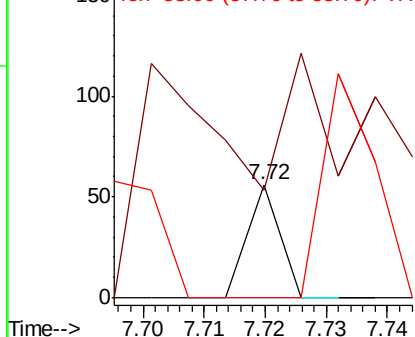


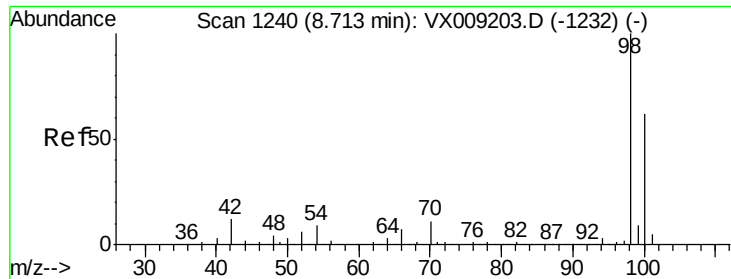
#49  
1,4-Dioxane  
Concen: 0.394 ug/l  
RT: 7.72 min Scan# 1077  
Delta R.T. -0.02 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

Tgt Ion: 88 Resp: 20  
Ion Ratio Lower Upper  
88 100  
43 330.0 28.6 42.8#  
58 325.0 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: 50.218 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA\_X

ClientSampleId :

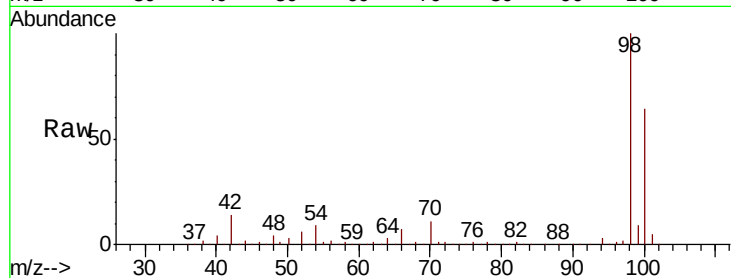
EP1-SB-MW-ER(17-20)ME

Tgt Ion: 98 Resp: 310287

Ion Ratio Lower Upper

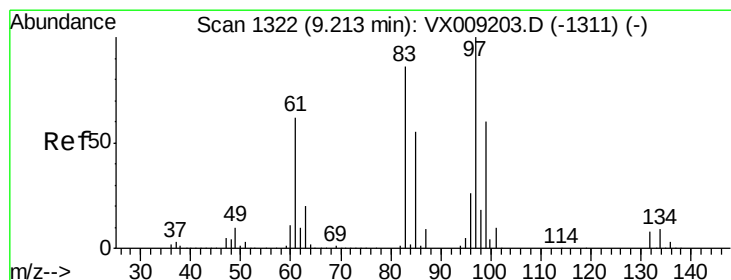
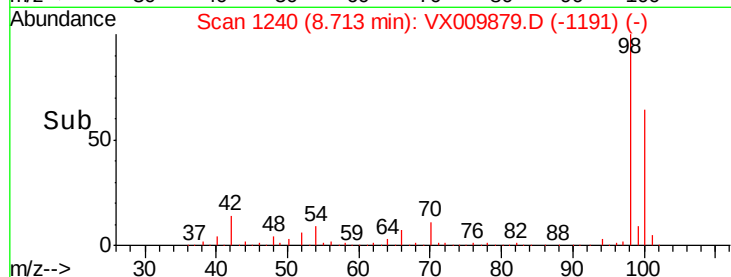
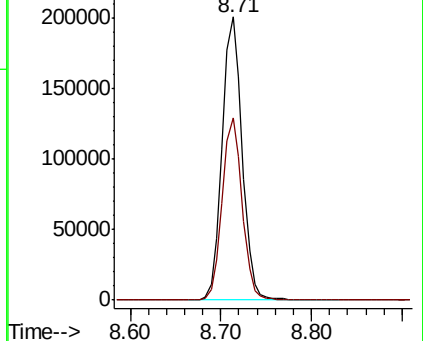
98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.611 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Tgt Ion: 97 Resp: 1061

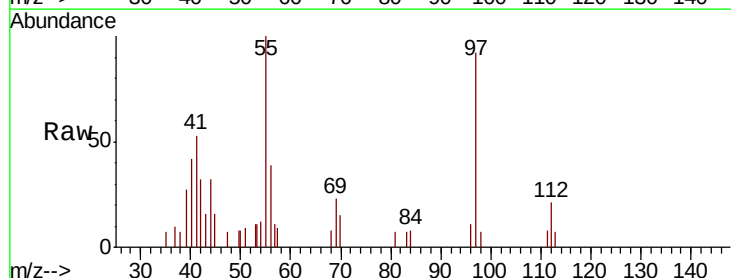
Ion Ratio Lower Upper

97 100

83 7.4 68.9 103.3#

85 0.0 43.8 65.6#

99 0.0 48.2 72.2#

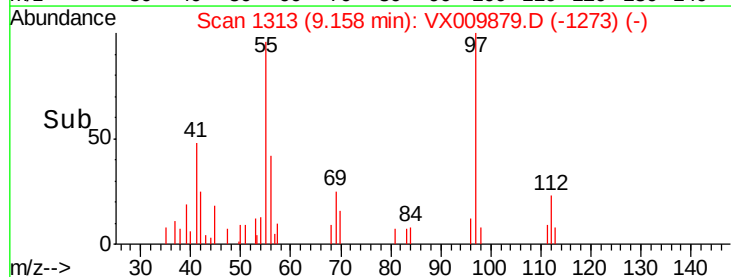
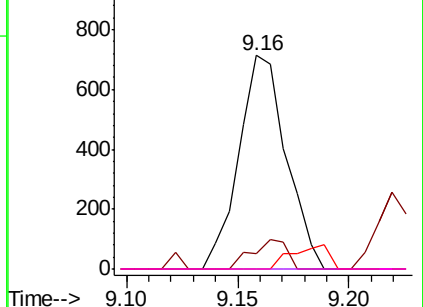


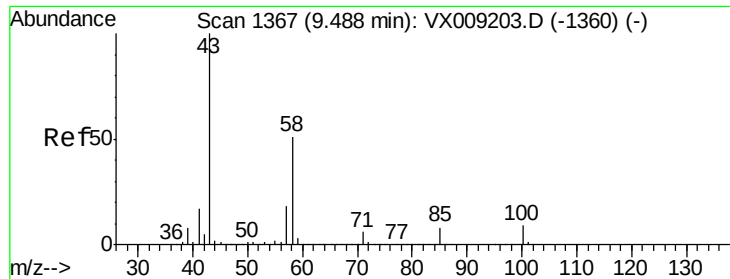
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

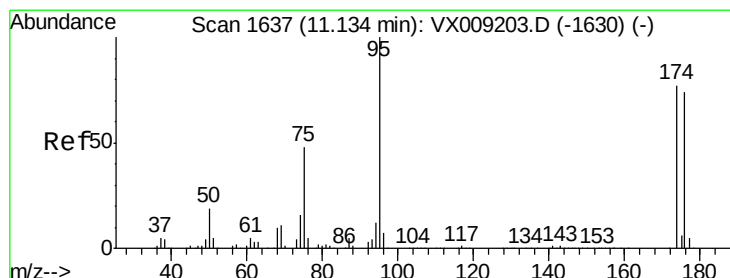
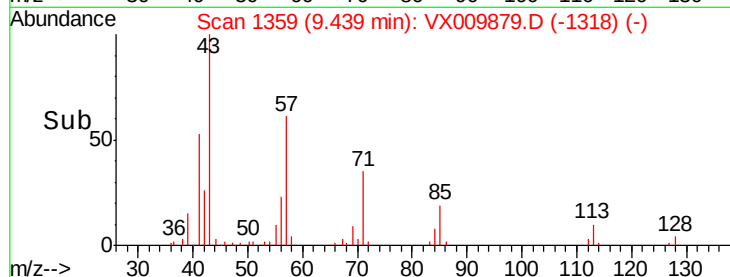
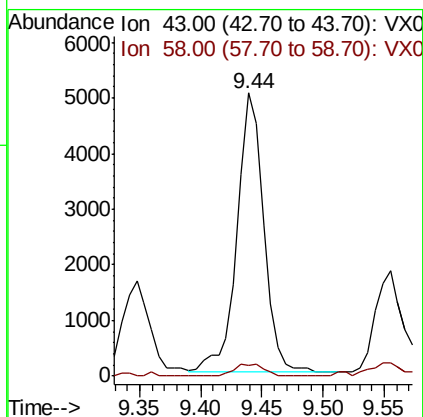
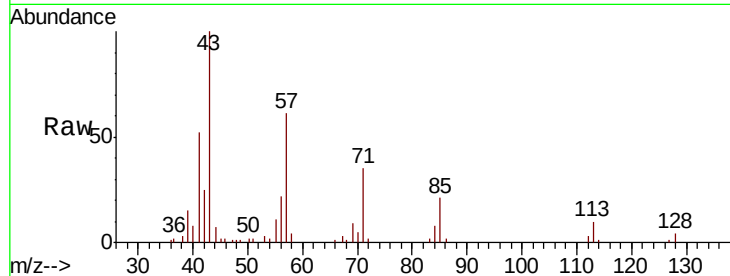




#59  
2-Hexanone  
Concen: 2.942 ug/l  
RT: 9.44 min Scan# 1359  
Delta R.T. -0.05 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

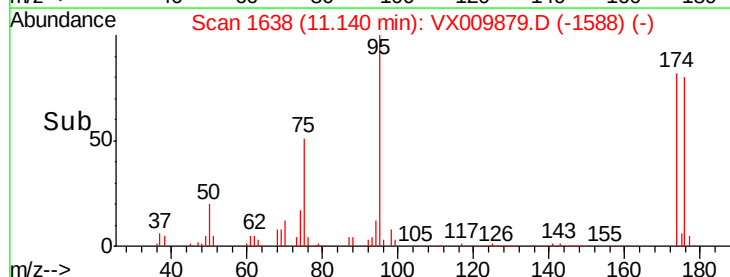
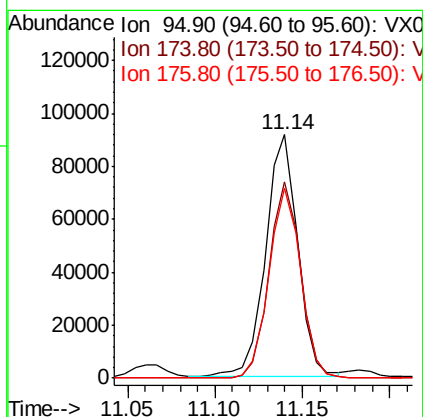
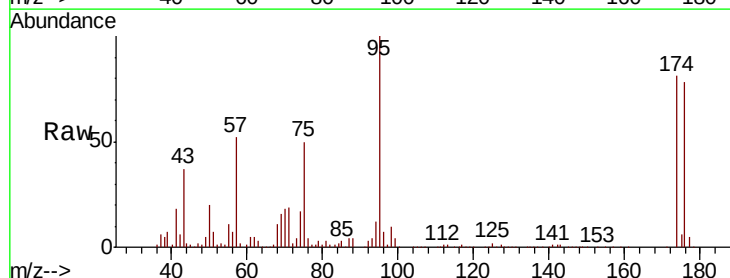
Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(17-20)ME

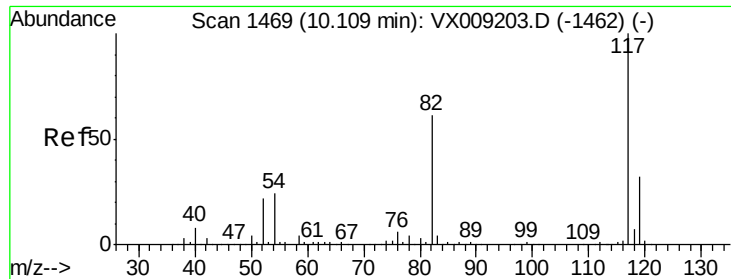
Tgt Ion: 43 Resp: 7614  
Ion Ratio Lower Upper  
43 100  
58 4.7 25.9 77.7#



#62  
4-Bromofluorobenzene  
Concen: 52.170 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. 0.01 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

Tgt Ion: 95 Resp: 117130  
Ion Ratio Lower Upper  
95 100  
174 79.1 0.0 161.6  
176 77.3 0.0 159.2

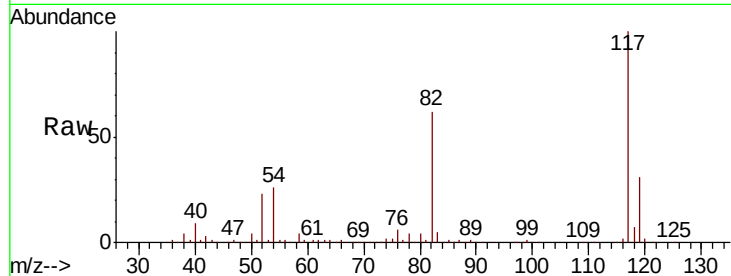




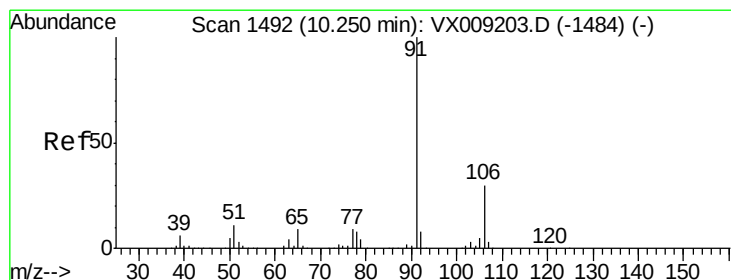
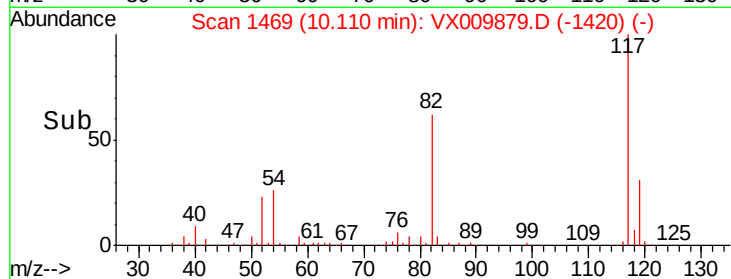
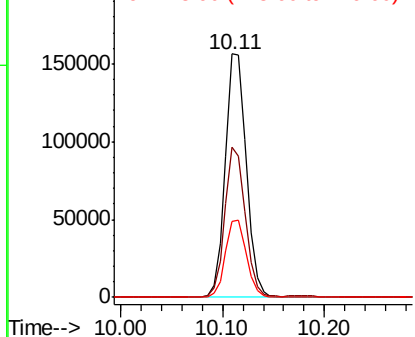
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
EP1-SB-MW-ER(17-20)ME

Tgt Ion:117 Resp: 223661  
Ion Ratio Lower Upper  
117 100  
82 61.7 48.8 73.2  
119 31.3 25.8 38.6

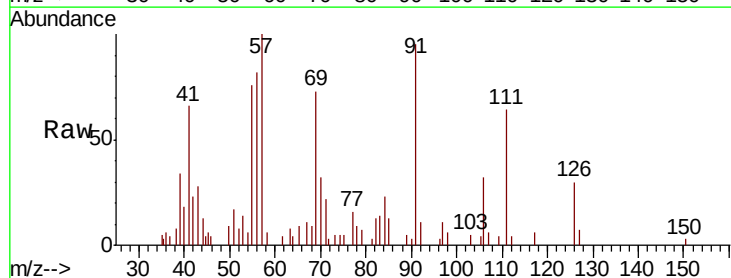


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

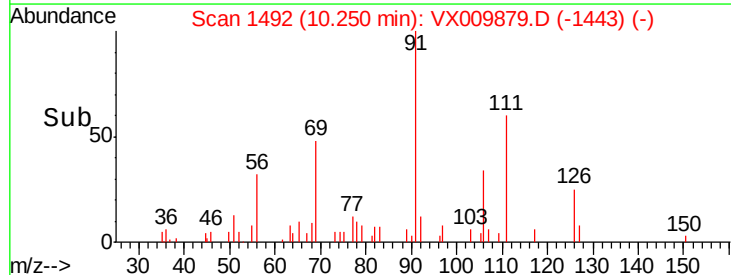
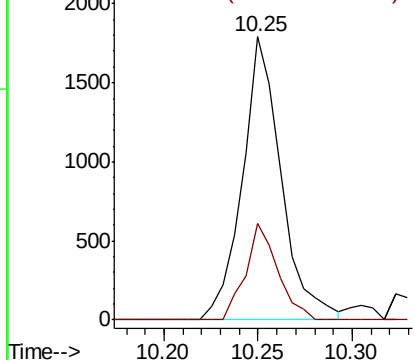


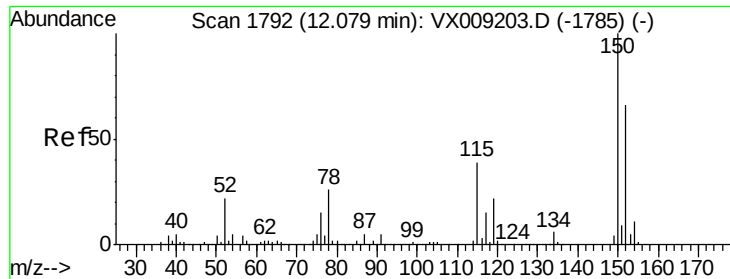
#67  
Ethyl Benzene  
Concen: 0.311 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VX009879.D  
Acq: 24 May 2019 12:17

Tgt Ion: 91 Resp: 2564  
Ion Ratio Lower Upper  
91 100  
106 34.2 24.0 36.0



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

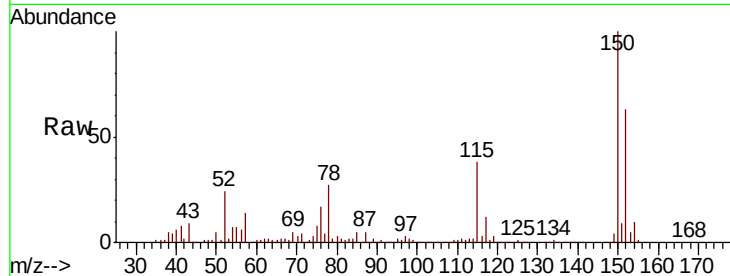




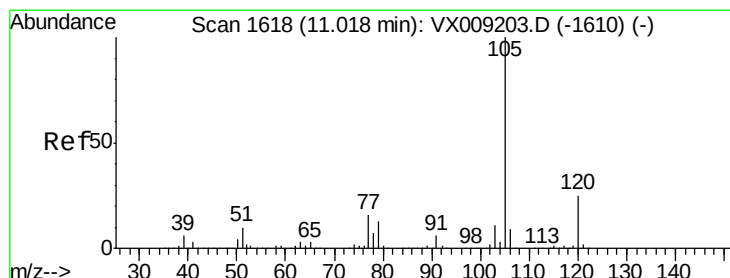
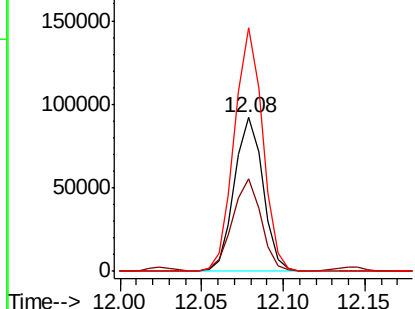
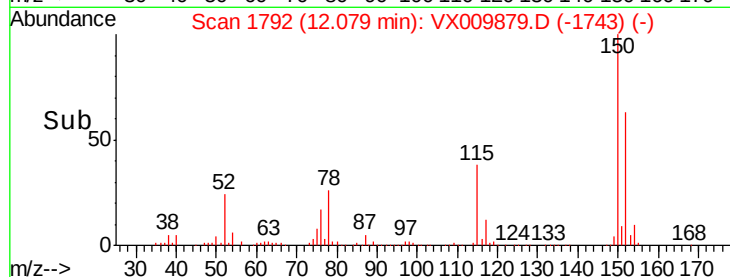
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. 0.00 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(17-20)ME

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.7  | 41.2  | 123.6 |
| 150     | 157.0 | 0.0   | 346.4 |

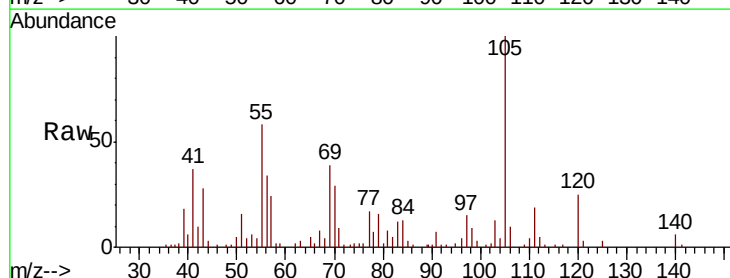


Abundance Ion 151.90 (151.60 to 152.60): V  
 Ion 114.90 (114.60 to 115.60): V  
 Ion 149.90 (149.60 to 150.60): V

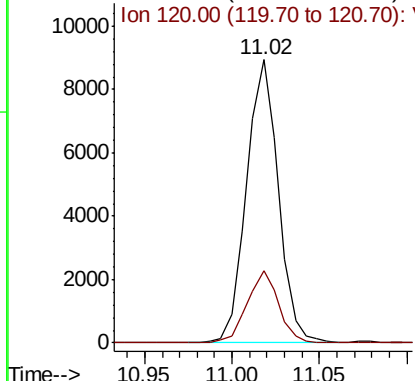
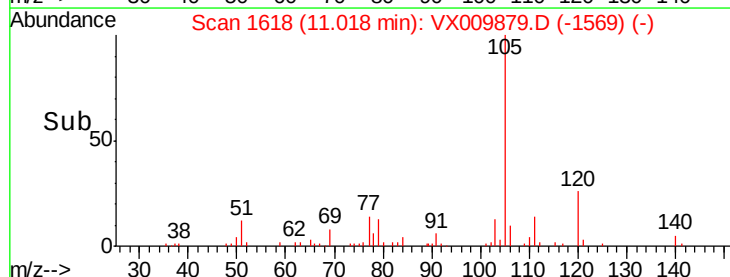


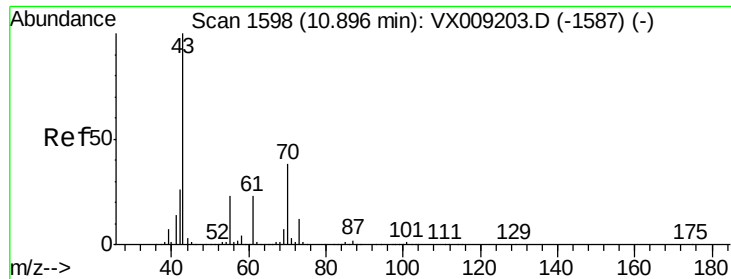
#73  
 Isopropylbenzene  
 Concen: 1.383 ug/l  
 RT: 11.02 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.1  | 12.8  | 38.3  |



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





#74

N-ethyl acetate

Concen: 7.590 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA\_X

ClientSampleId :

EP1-SB-MW-ER(17-20)ME

Tgt Ion: 43 Resp: 36137

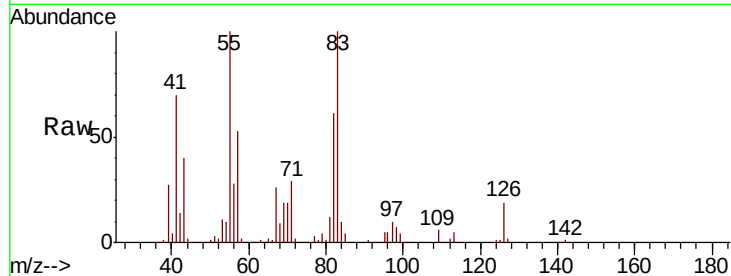
Ion Ratio Lower Upper

43 100

70 58.5 30.0 45.0#

55 195.0 17.9 26.9#

61 0.0 18.4 27.6#



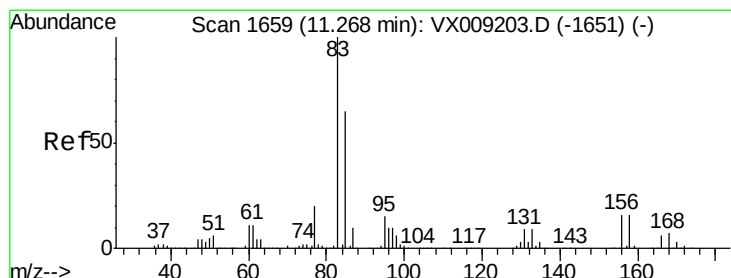
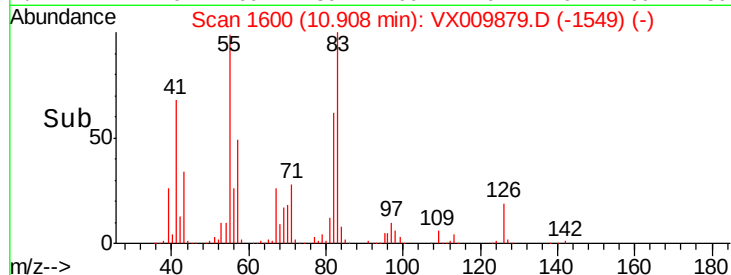
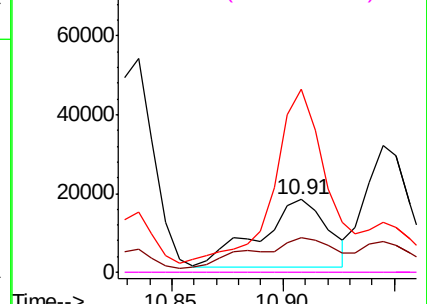
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 5.591 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

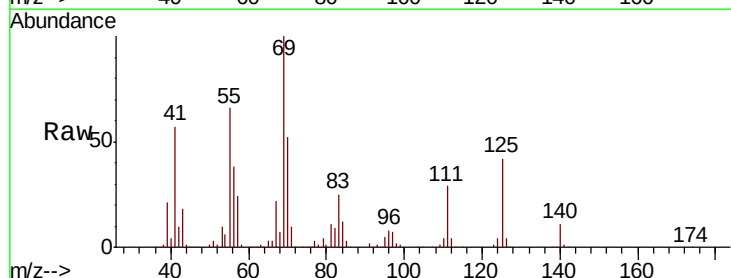
Tgt Ion: 83 Resp: 17022

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

85 0.0 32.0 96.2#

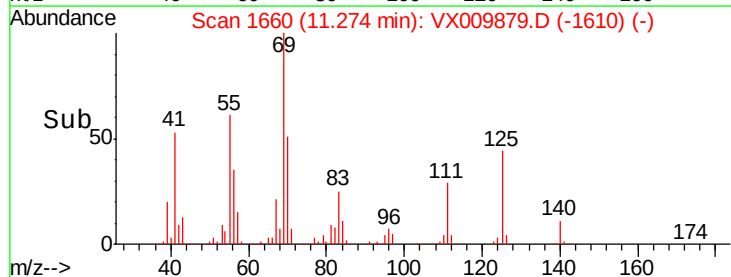
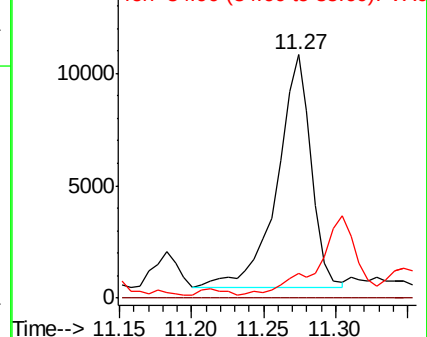


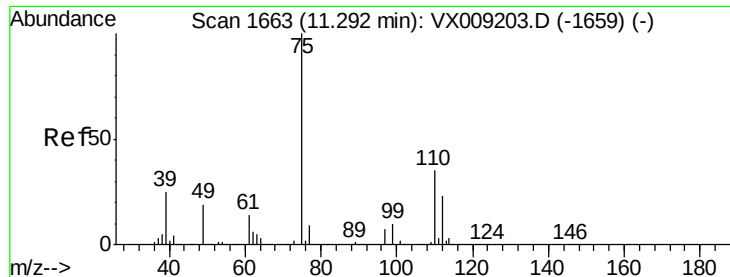
Abundance

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: 22.988 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.15 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA\_X

ClientSampleId :

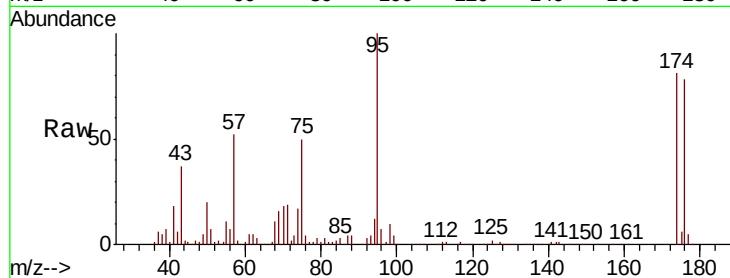
EP1-SB-MW-ER(17-20)ME

Tgt Ion: 75 Resp: 59884

Ion Ratio Lower Upper

75 100

77 1.8 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

50000

40000

30000

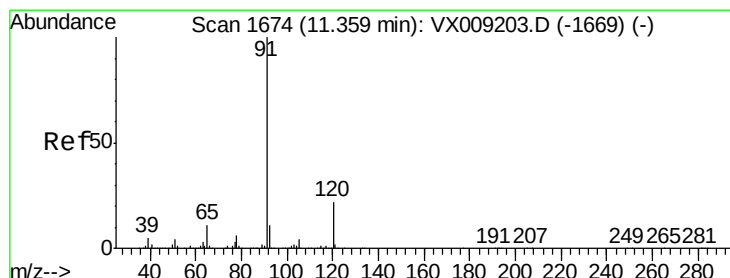
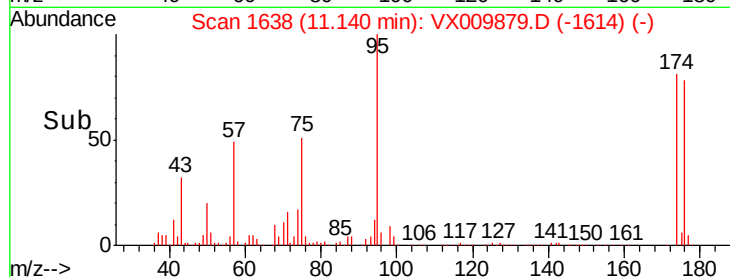
20000

10000

0

Time-->

11.10 11.20



#78

n-propylbenzene

Concen: 3.587 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009879.D

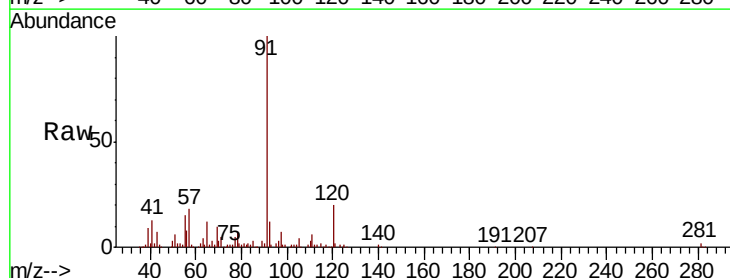
Acq: 24 May 2019 12:17

Tgt Ion: 91 Resp: 33451

Ion Ratio Lower Upper

91 100

120 21.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

30000

25000

20000

15000

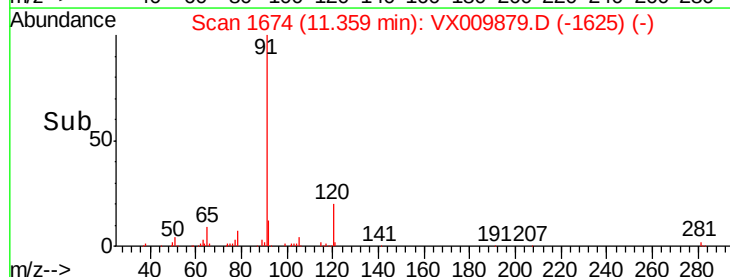
10000

5000

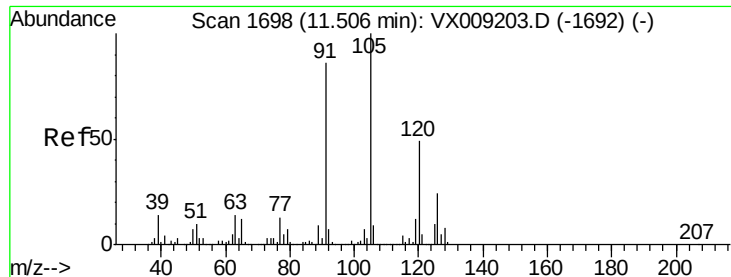
0

Time-->

11.30 11.40



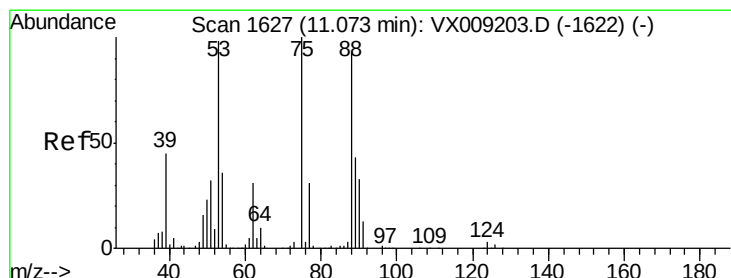
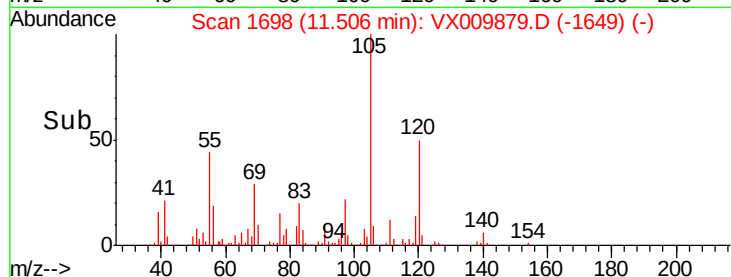
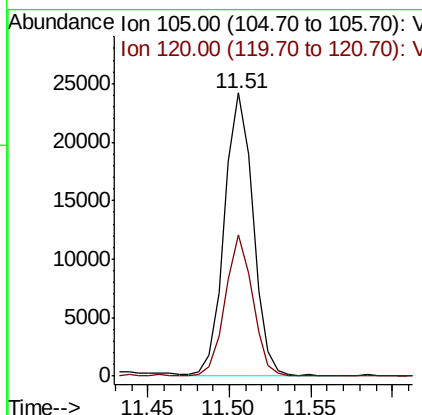
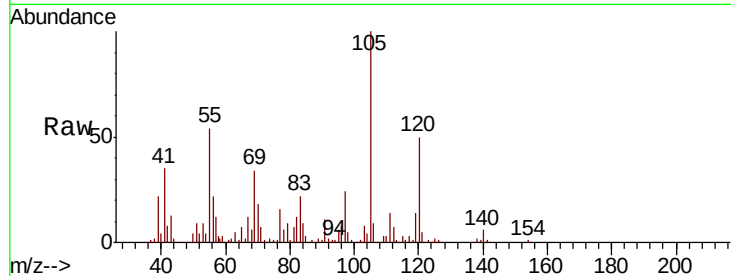




#80  
 1,3,5-Trimethylbenzene  
 Concen: 4.323 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

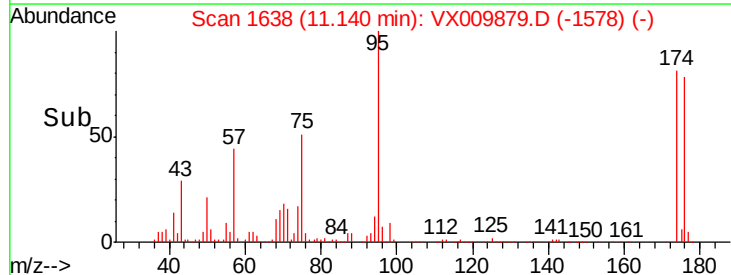
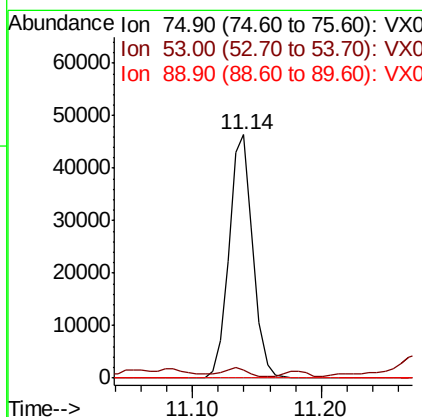
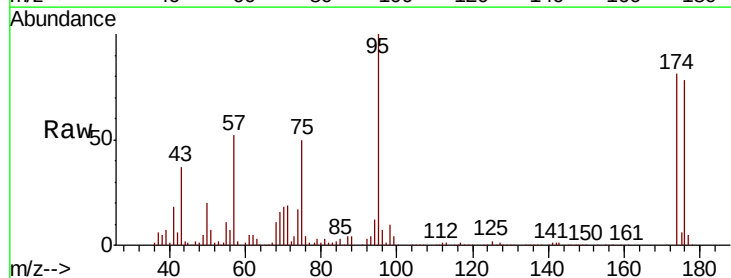
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(17-20)ME

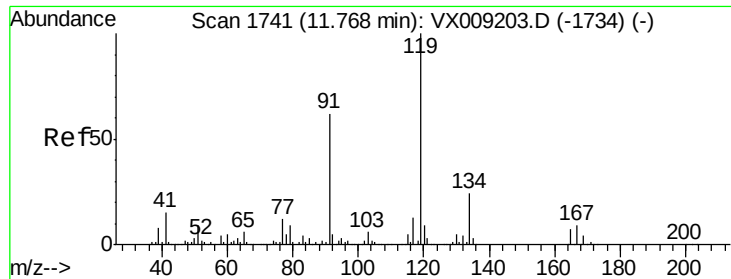
Tgt Ion:105 Resp: 29725  
 Ion Ratio Lower Upper  
 105 100  
 120 47.4 24.3 72.9



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 58.819 ug/l  
 RT: 11.14 min Scan# 1638  
 Delta R.T. 0.07 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

Tgt Ion: 75 Resp: 59884  
 Ion Ratio Lower Upper  
 75 100  
 53 3.5 79.0 118.6#  
 89 0.1 34.7 52.1#

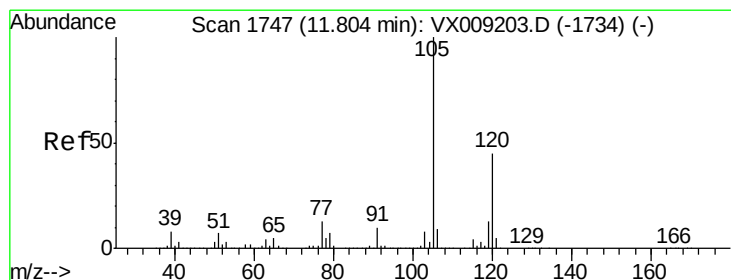
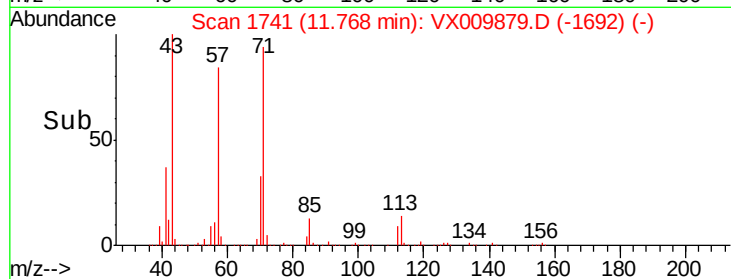
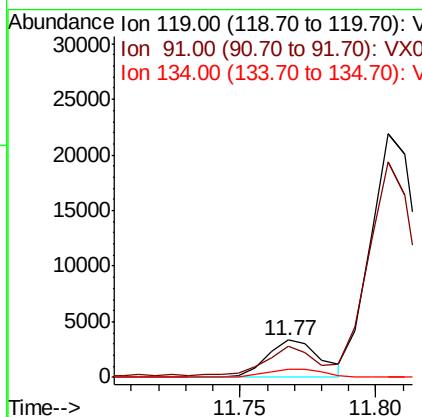
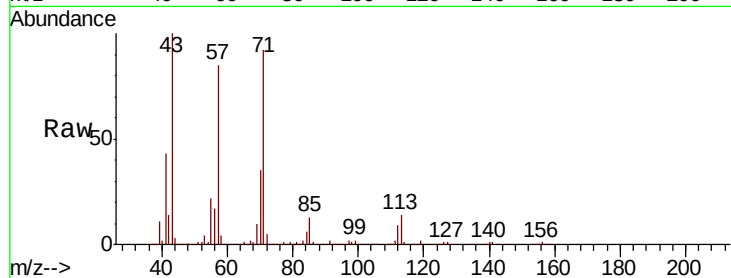




#83  
 tert-Butylbenzene  
 Concen: 0.684 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

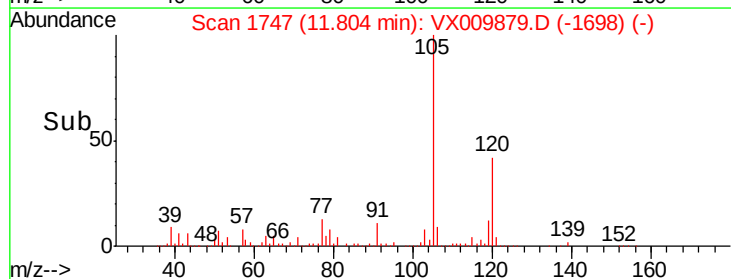
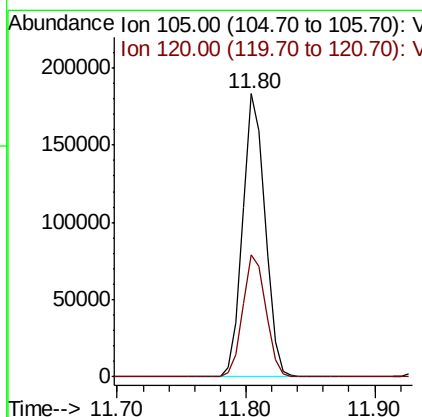
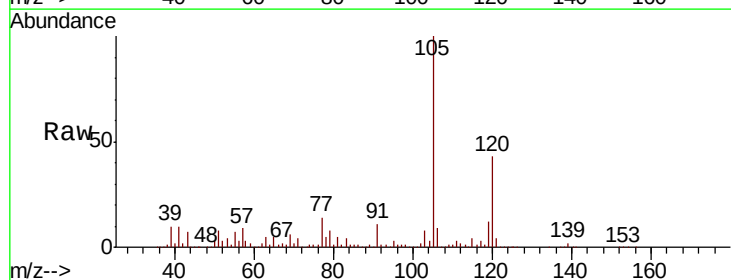
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(17-20)ME

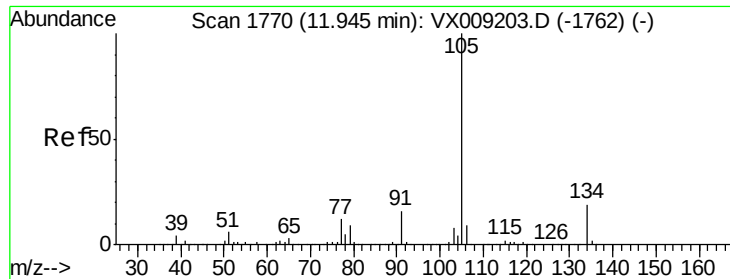
Tgt Ion:119 Resp: 4578  
 Ion Ratio Lower Upper  
 119 100  
 91 64.9 29.5 88.5  
 134 23.2 11.4 34.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 31.937 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

Tgt Ion:105 Resp: 220426  
 Ion Ratio Lower Upper  
 105 100  
 120 44.6 22.0 66.0

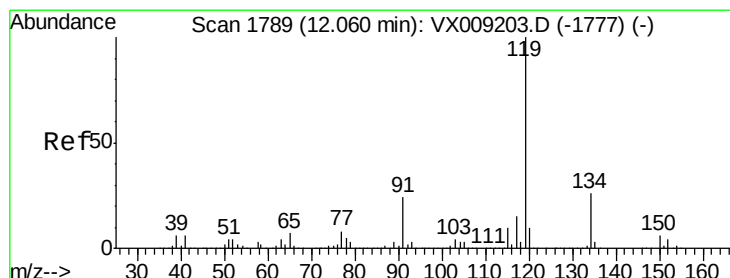
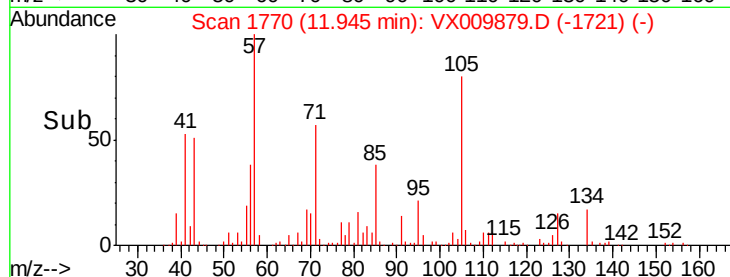
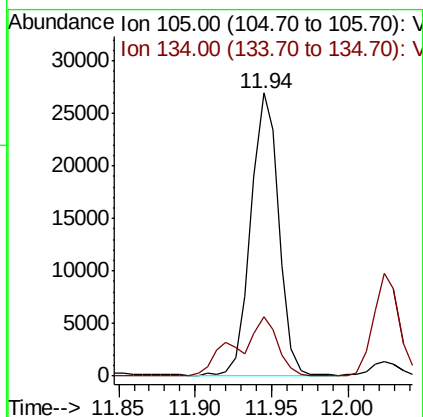
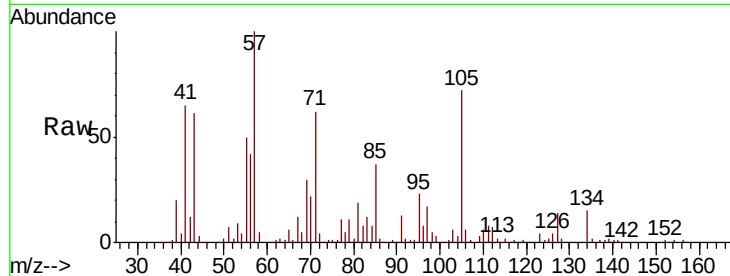




#85  
 sec-Butylbenzene  
 Concen: 4.265 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. 0.00 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

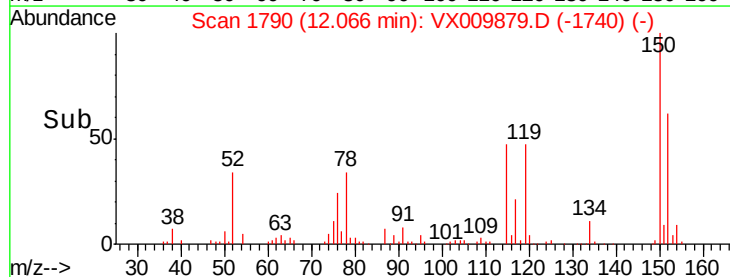
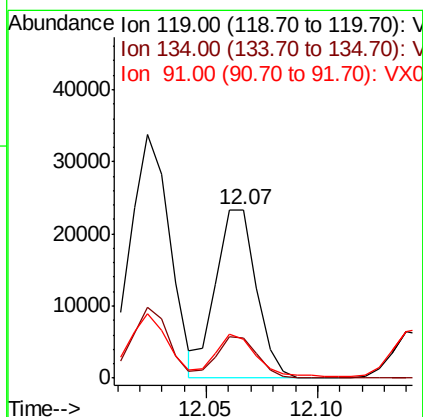
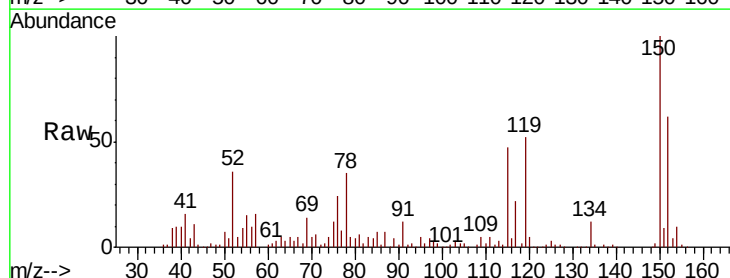
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EP1-SB-MW-ER(17-20)ME

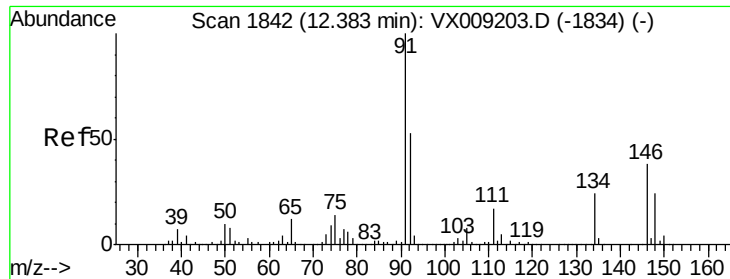
Tgt Ion:105 Resp: 33822  
 Ion Ratio Lower Upper  
 105 100  
 134 18.4 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 4.142 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. 0.01 min  
 Lab File: VX009879.D  
 Acq: 24 May 2019 12:17

Tgt Ion:119 Resp: 29532  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 12.9 38.7  
 91 24.8 11.8 35.4





#89

n-Butylbenzene

Concen: 7.065 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA\_X

ClientSampleId :

EP1-SB-MW-ER(17-20)ME

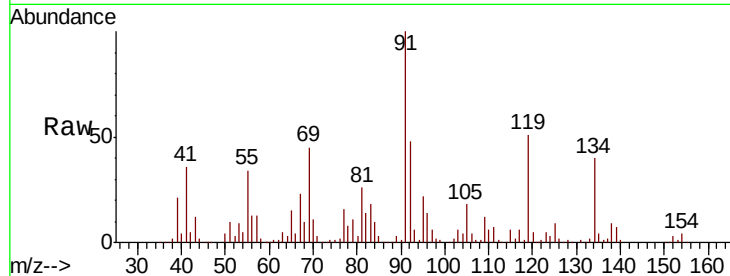
Tgt Ion: 91 Resp: 45526

Ion Ratio Lower Upper

91 100

92 41.8 26.5 79.5

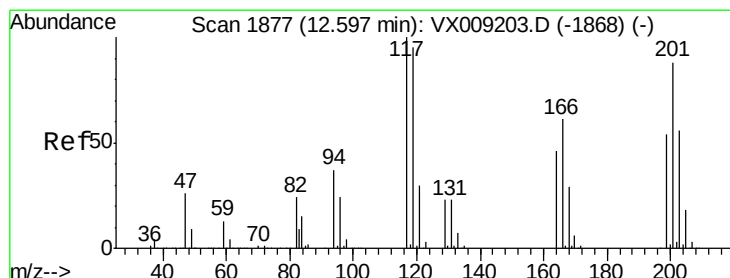
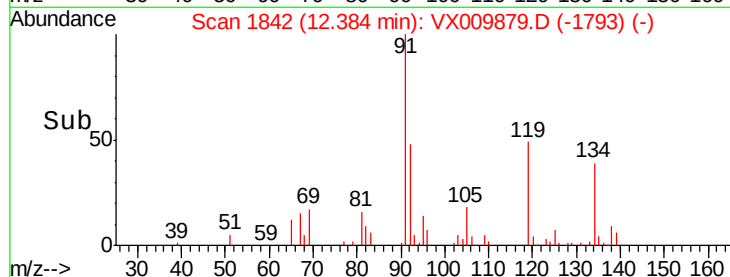
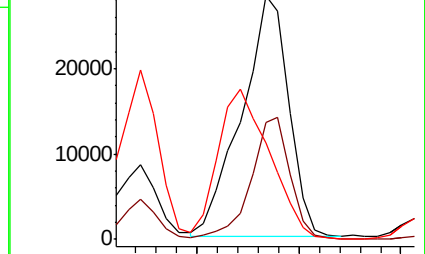
134 67.8 12.4 37.2#



Abundance Ion 91.00 (90.70 to 91.70): VX009879.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX009879.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX009879.D (-1793) (-)



#90

Hexachloroethane

Concen: 3.758 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX009879.D

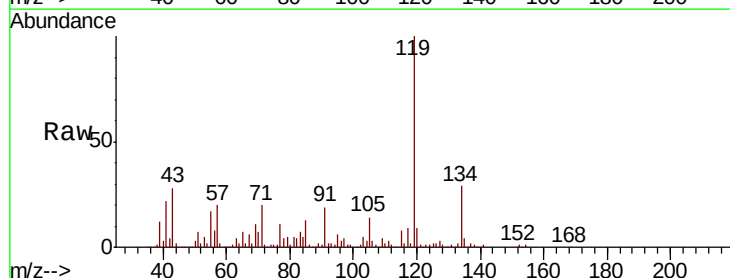
Acq: 24 May 2019 12:17

Tgt Ion: 117 Resp: 4564

Ion Ratio Lower Upper

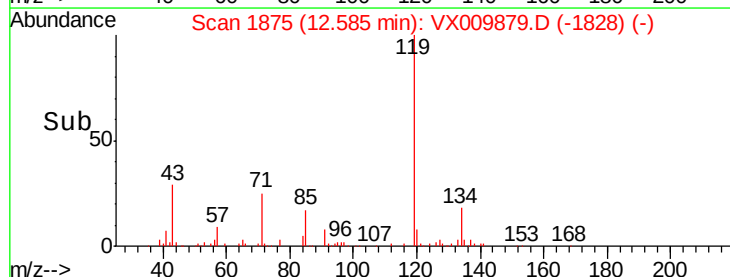
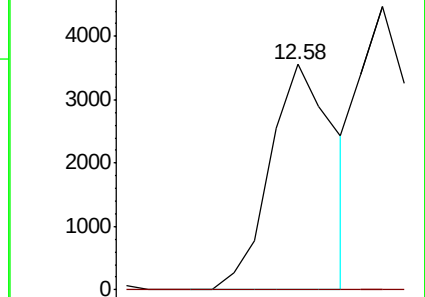
117 100

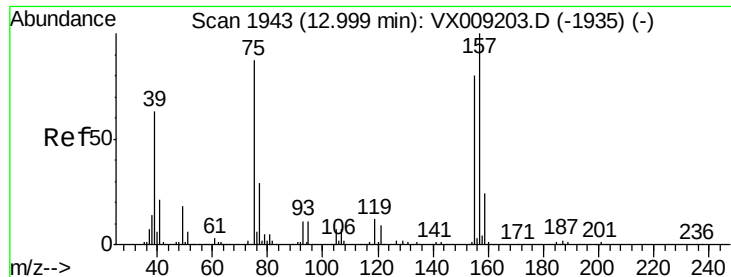
201 0.0 42.3 126.9#



Abundance Ion 116.80 (116.50 to 117.50): VX009879.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX009879.D (-1828) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.580 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Instrument :

MSVOA\_X

ClientSampleId :

EP1-SB-MW-ER(17-20)ME

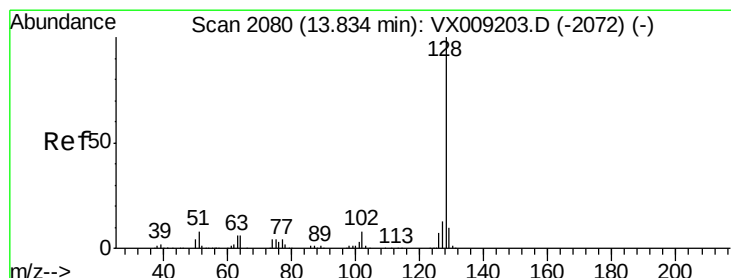
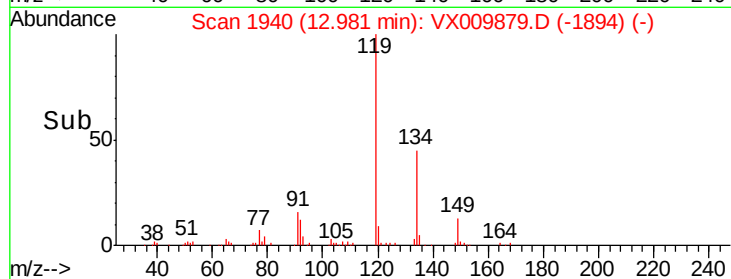
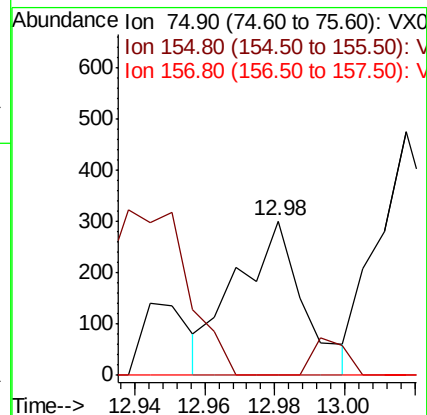
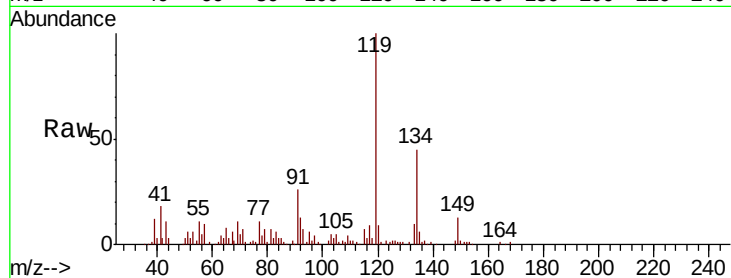
Tgt Ion: 75 Resp: 396

Ion Ratio Lower Upper

75 100

155 12.1 42.0 126.0#

157 0.0 53.2 159.6#



#95

Naphthalene

Concen: 0.972 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009879.D

Acq: 24 May 2019 12:17

Tgt Ion: 128 Resp: 7957

Ion Ratio Lower Upper

128 100

127 14.6 10.4 15.6

129 16.8 8.6 13.0#

