

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW090618\  
 Data File : VW005191.D  
 Acq On : 07 Sep 2018 05:05  
 Operator : SY/AP  
 Sample : J4693-05  
 Misc : 6.51G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EP1-MW-F(10-15)

Quant Time: Sep 07 08:05:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090118S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 01 03:35:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.96  | 168  | 428531   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 666071   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 749327   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 412004   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 205529   | 57.86 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 115.72% |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 191217   | 49.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.36%  |          |
| 50) Toluene-d8              | 10.33 | 98   | 926113   | 52.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.44% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 445189   | 71.19 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 142.38% |          |

| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 2.76  | 94   | 613      | Below Cal | #      | 78     |
| 10) Methyl Iodide              | 4.28  | 142  | 95       | 3.834     | ug/l # | 44     |
| 11) Tert butyl alcohol         | 5.14  | 59   | 499      | Below Cal | #      | 72     |
| 16) Acetone                    | 4.14  | 43   | 20670    | 29.014    | ug/l   | 94     |
| 17) Carbon Disulfide           | 4.38  | 76   | 17960    | 1.487     | ug/l # | 94     |
| 20) Methylene Chloride         | 4.92  | 84   | 27819    | 2.047     | ug/l   | 96     |
| 25) 2-Butanone                 | 7.18  | 43   | 6647     | 5.379     | ug/l   | 97     |
| 30) Chloroform                 | 7.68  | 83   | 24721    | 3.400     | ug/l   | 93     |
| 31) Cyclohexane                | 7.96  | 56   | 7075     | 1.014     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.95  | 75   | 28258    | 4.455     | ug/l # | 47     |
| 38) Carbon Tetrachloride       | 7.96  | 117  | 38731    | 6.421     | ug/l # | 16     |
| 55) 1,1,2-Trichloroethane      | 10.77 | 97   | 22705    | 6.464     | ug/l # | 26     |
| 56) Ethyl methacrylate         | 10.66 | 69   | 12623    | 3.150     | ug/l # | 18     |
| 59) 2-Hexanone                 | 10.94 | 43   | 172235   | 88.016    | ug/l # | 27     |
| 73) Isopropylbenzene           | 12.47 | 105  | 236336   | 8.135     | ug/l   | 100    |
| 74) N-amyl acetate             | 12.26 | 43   | 1221977  | 244.290   | ug/l # | 60     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.69 | 83   | 116409   | 26.322    | ug/l # | 84     |
| 76) 1,2,3-Trichloropropane     | 12.81 | 75   | 4914     | 1.589     | ug/l # | 100    |
| 78) n-propylbenzene            | 12.81 | 91   | 754352   | 21.510    | ug/l   | 99     |
| 79) 2-Chlorotoluene            | 12.94 | 91   | 25225    | 1.233     | ug/l # | 8      |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75   | 162297   | 126.312   | ug/l # | 27     |
| 82) 4-Chlorotoluene            | 12.94 | 91   | 25225    | 1.168     | ug/l # | 9      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 98792    | 4.709     | ug/l   | 89     |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 4152825  | 162.312   | ug/l   | 99     |
| 85) sec-Butylbenzene           | 13.39 | 105  | 952369   | 30.889    | ug/l # | 73     |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 173136   | 6.344     | ug/l   | 95     |
| 89) n-Butylbenzene             | 13.83 | 91   | 568498   | 22.476    | ug/l # | 76     |
| 90) Hexachloroethane           | 14.10 | 117  | 173917   | 38.363    | ug/l # | 5      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.51 | 75   | 4977     | 7.202     | ug/l # | 1      |
| 95) Naphthalene                | 15.38 | 128  | 4269     | 4.244     | ug/l # | 69     |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA\_W

ClientSampleId :

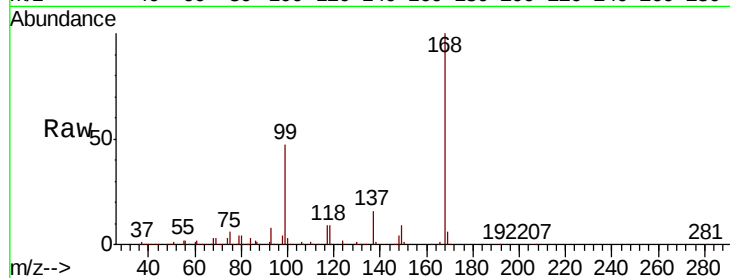
EP1-MW-F(10-15)

Tgt Ion:168 Resp: 428531

Ion Ratio Lower Upper

168 100

99 47.1 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

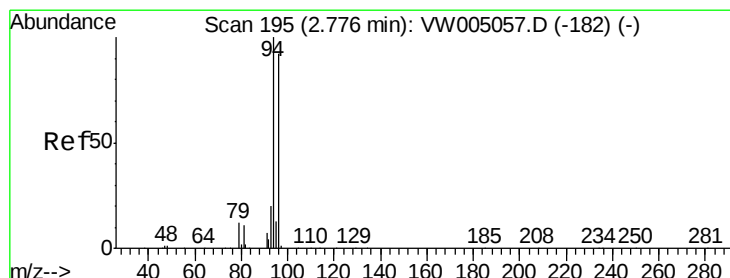
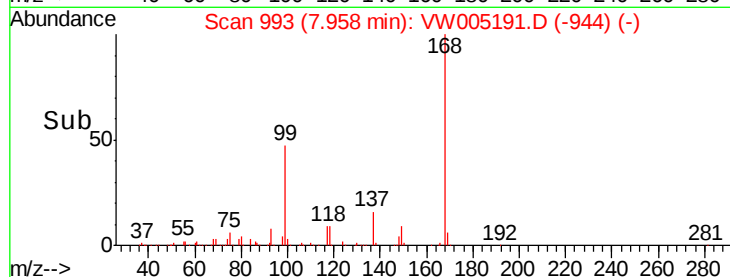
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW005191.D

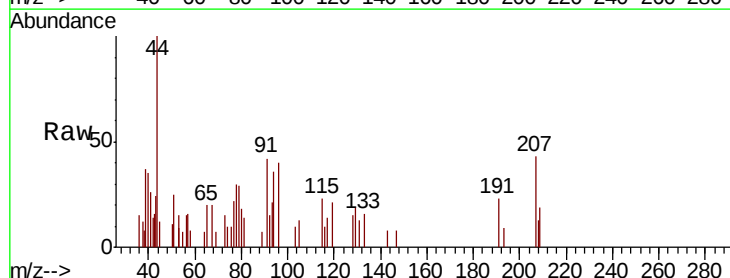
Acq: 07 Sep 2018 05:05

Tgt Ion: 94 Resp: 613

Ion Ratio Lower Upper

94 100

96 71.0 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

400

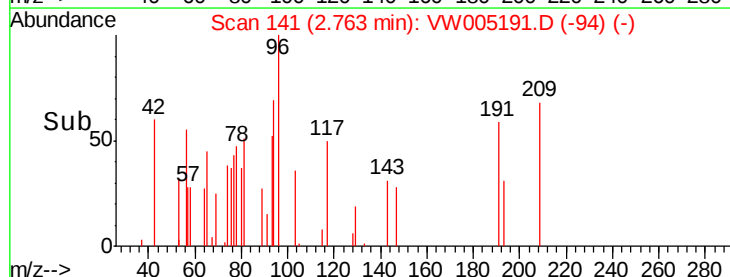
300

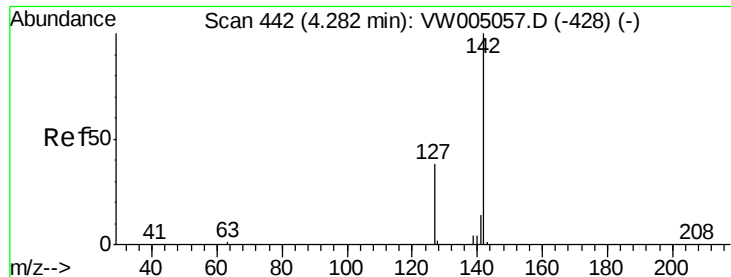
200

100

0

Time--> 2.70 2.75 2.80

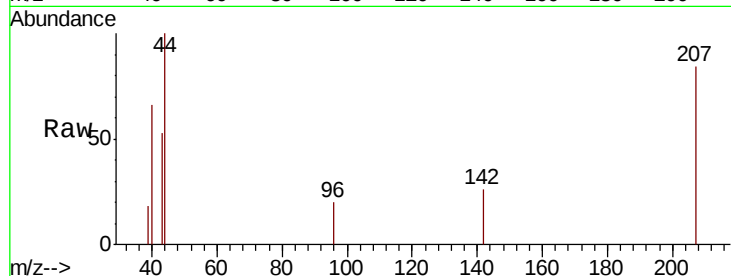




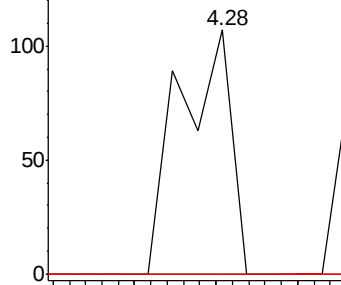
#10  
Methyl Iodide  
Concen: 3.834 ug/l  
RT: 4.28 min Scan# 390  
Delta R.T. 0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
EP1-MW-F(10-15)

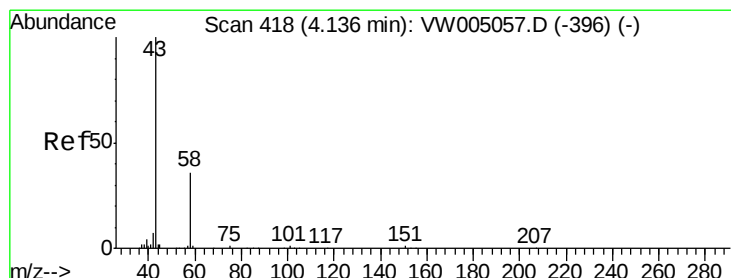
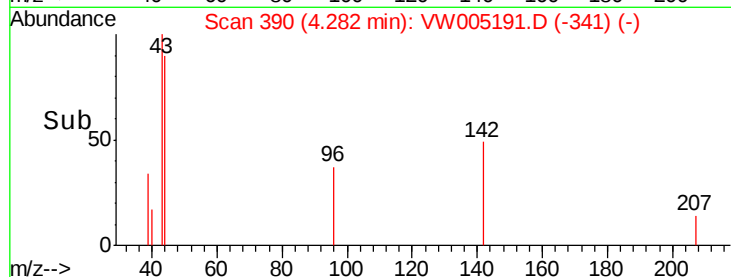
Tgt Ion:142 Resp: 95  
Ion Ratio Lower Upper  
142 100  
127 0.0 30.8 46.2#  
141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V

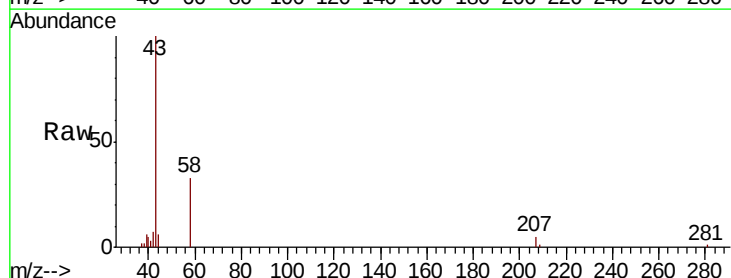


Time--> 4.24 4.26 4.28 4.30

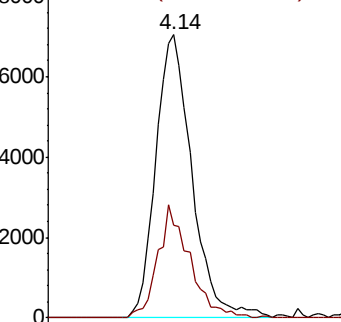


#16  
Acetone  
Concen: 29.014 ug/l  
RT: 4.14 min Scan# 366  
Delta R.T. -0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

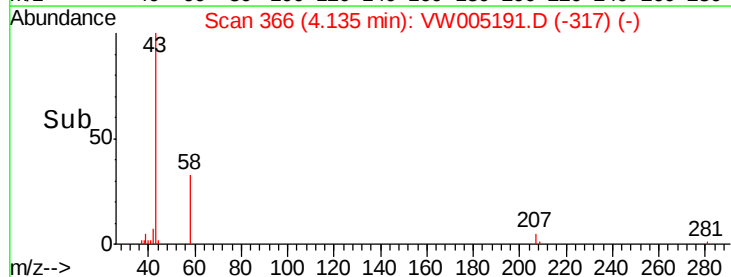
Tgt Ion: 43 Resp: 20670  
Ion Ratio Lower Upper  
43 100  
58 32.7 29.0 43.6

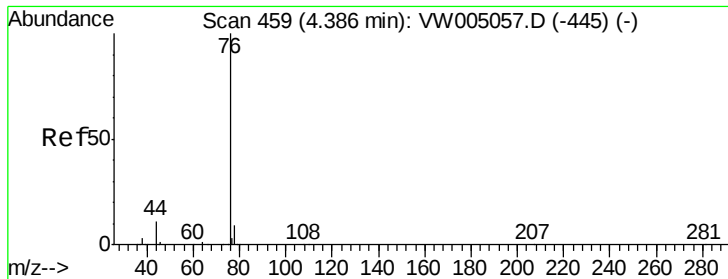


Abundance Ion 43.00 (42.70 to 43.70): VW  
Ion 58.00 (57.70 to 58.70): VW



Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.487 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA\_W

ClientSampleId :

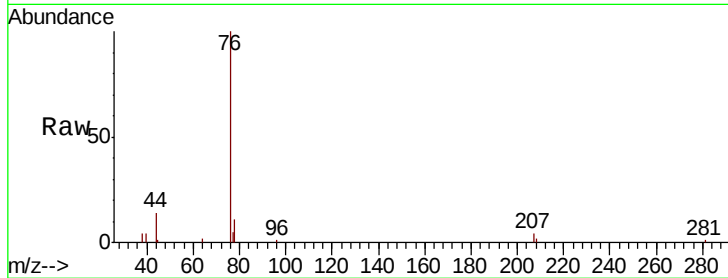
EP1-MW-F(10-15)

Tgt Ion: 76 Resp: 17960

Ion Ratio Lower Upper

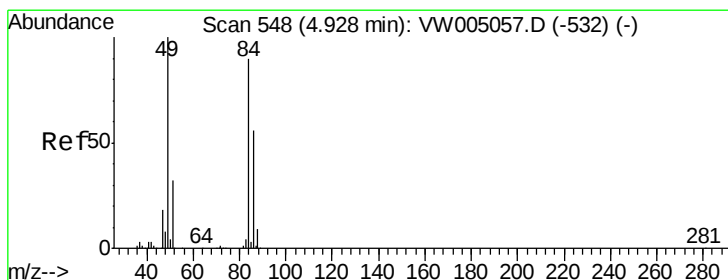
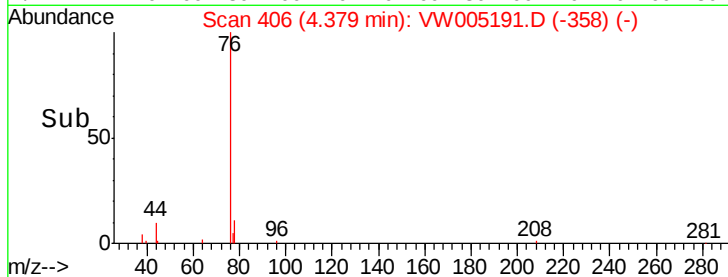
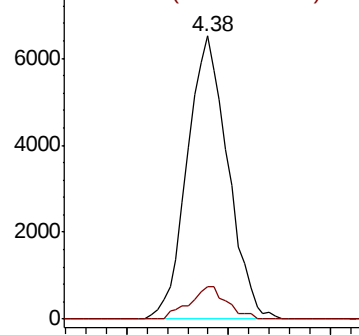
76 100

78 11.4 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.047 ug/l

RT: 4.92 min Scan# 495

Delta R.T. -0.01 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Tgt Ion: 84 Resp: 27819

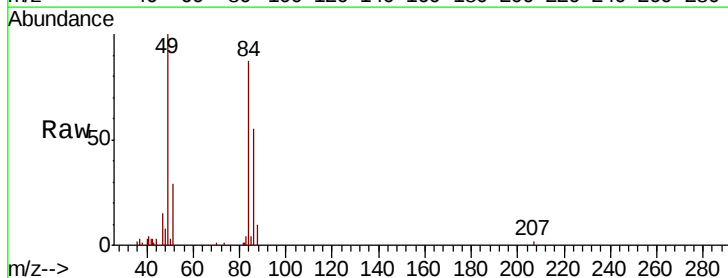
Ion Ratio Lower Upper

84 100

49 115.5 88.7 133.1

51 33.9 28.6 42.8

86 63.8 49.4 74.2

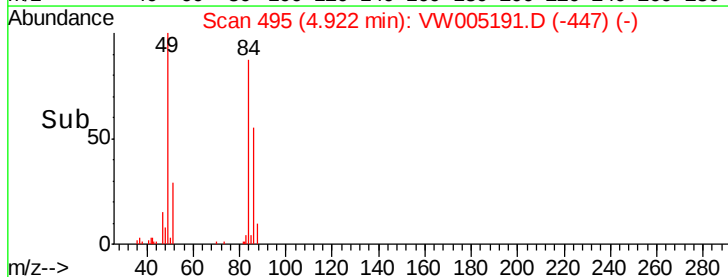
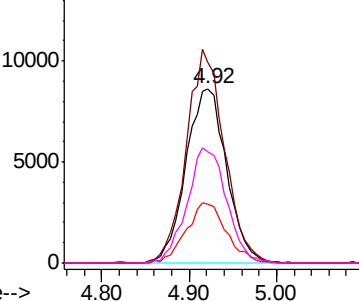


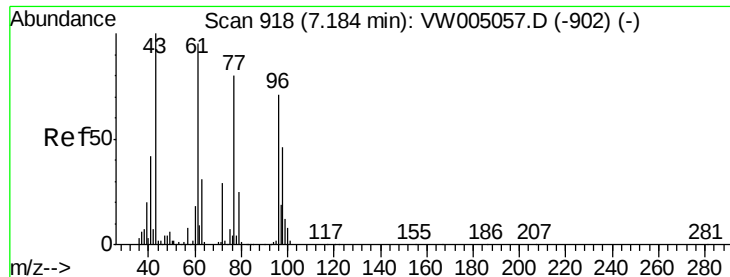
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

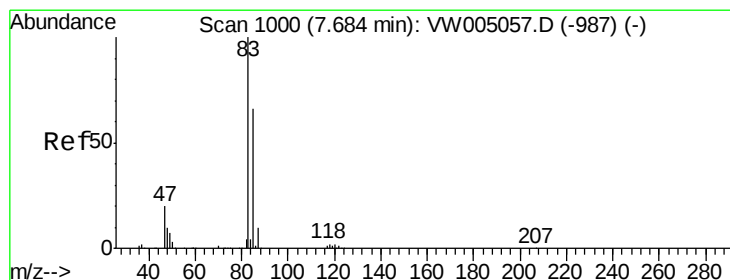
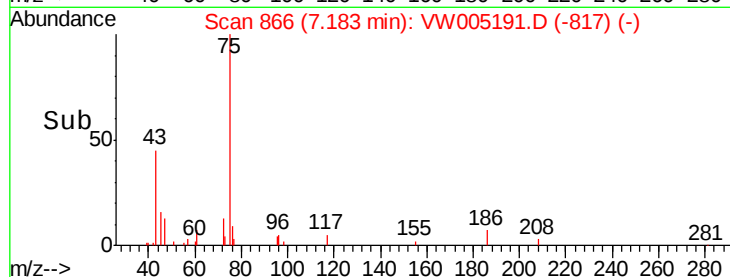
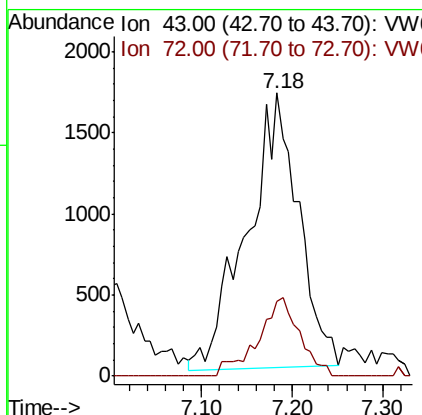
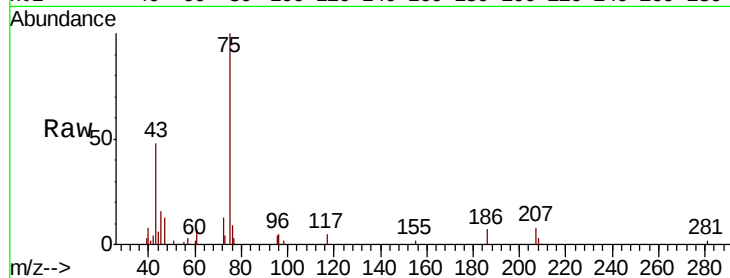




#25  
2-Butanone  
Concen: 5.379 ug/l  
RT: 7.18 min Scan# 866  
Delta R.T. -0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

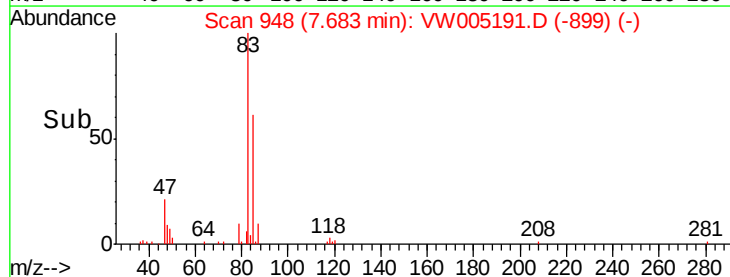
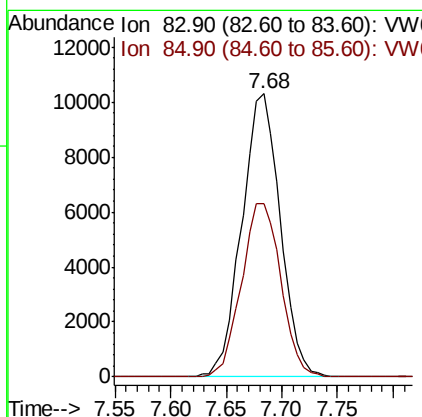
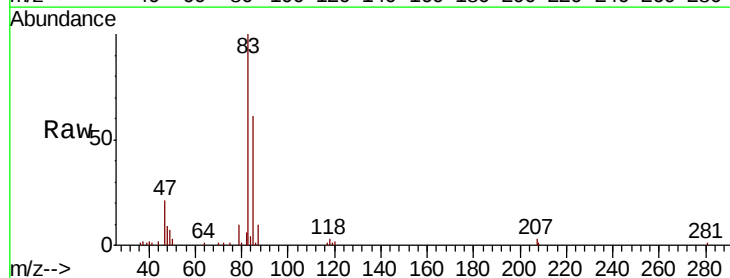
Instrument :  
MSVOA\_W  
ClientSampleId :  
EP1-MW-F(10-15)

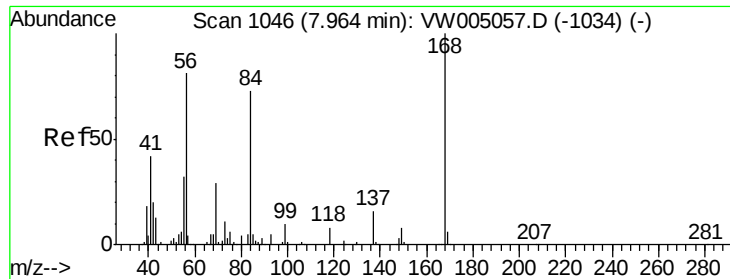
Tgt Ion: 43 Resp: 6647  
Ion Ratio Lower Upper  
43 100  
72 27.5 23.1 34.7



#30  
Chloroform  
Concen: 3.400 ug/l  
RT: 7.68 min Scan# 948  
Delta R.T. -0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

Tgt Ion: 83 Resp: 24721  
Ion Ratio Lower Upper  
83 100  
85 61.0 53.1 79.7

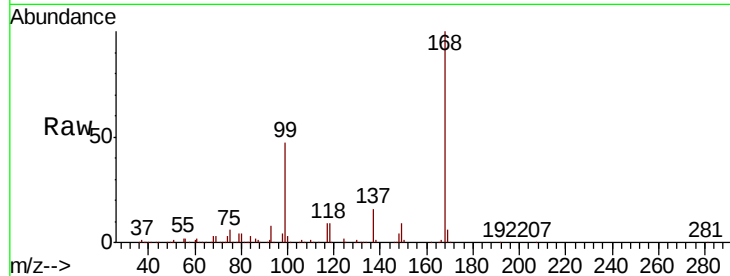




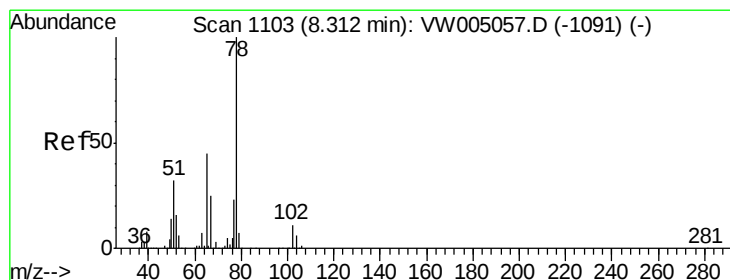
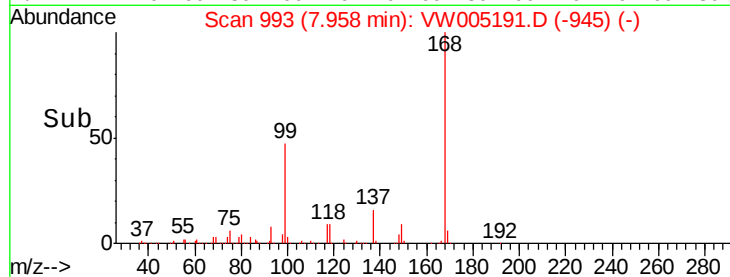
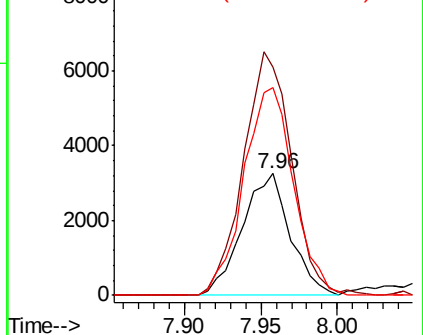
#31  
Cyclohexane  
Concen: 1.014 ug/l  
RT: 7.96 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
EP1-MW-F(10-15)

Tgt Ion: 56 Resp: 7075  
Ion Ratio Lower Upper  
56 100  
69 187.8 28.2 42.2#  
84 171.2 71.8 107.8#

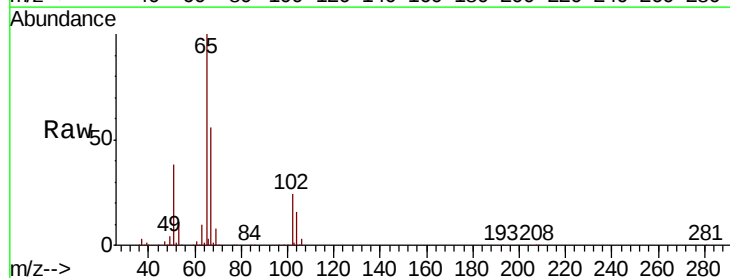


Abundance Ion 56.00 (55.70 to 56.70): VW  
Ion 69.00 (68.70 to 69.70): VW  
Ion 84.00 (83.70 to 84.70): VW

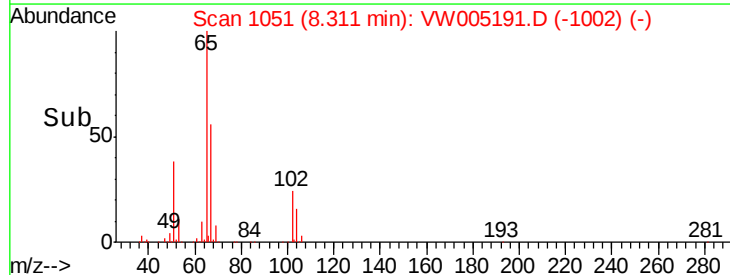
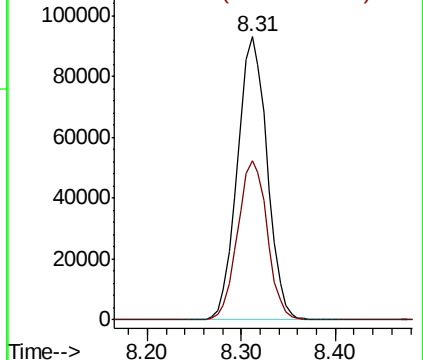


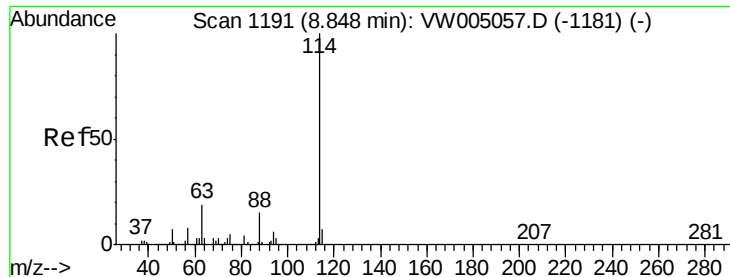
#33  
1,2-Dichloroethane-d4  
Concen: 57.858 ug/l  
RT: 8.31 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

Tgt Ion: 65 Resp: 205529  
Ion Ratio Lower Upper  
65 100  
67 56.0 0.0 109.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA\_W

ClientSampleId :

EP1-MW-F(10-15)

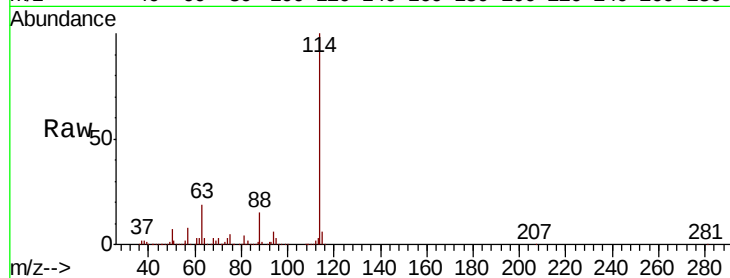
Tgt Ion:114 Resp: 666071

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

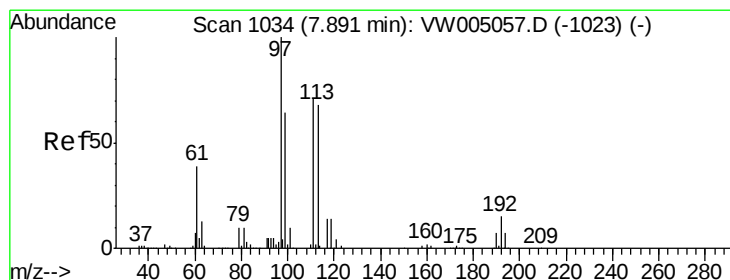
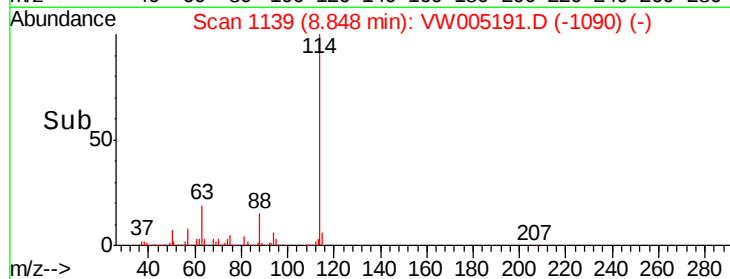
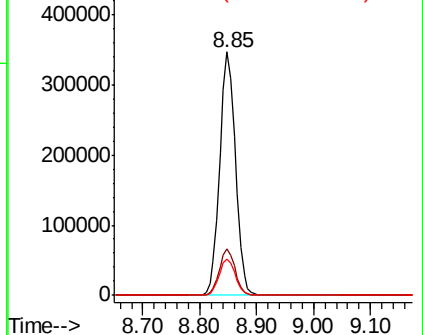
88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 49.678 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

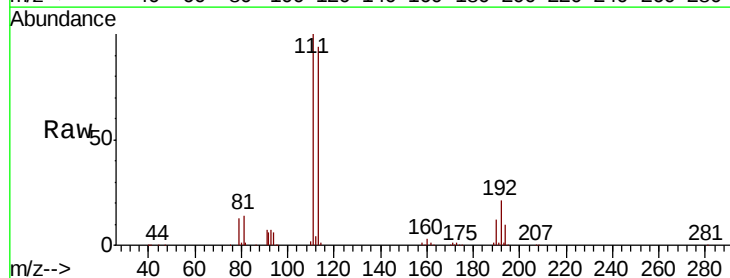
Tgt Ion:113 Resp: 191217

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

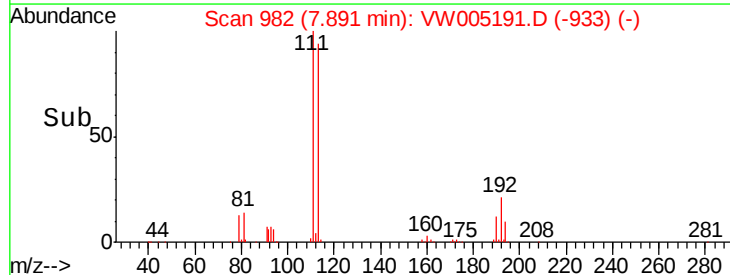
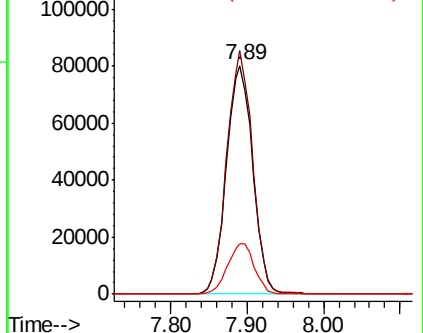
192 22.3 18.1 27.1

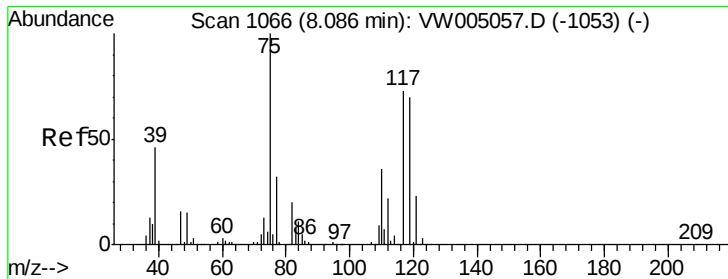


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

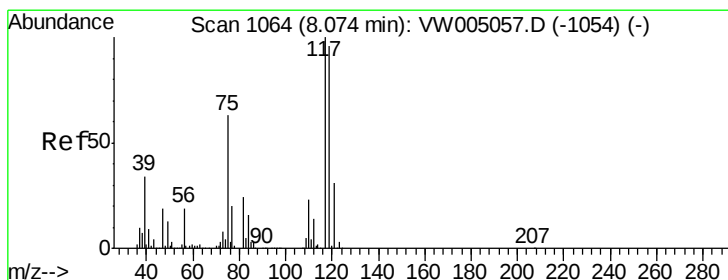
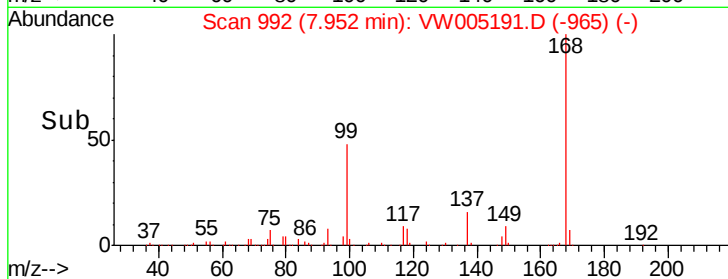
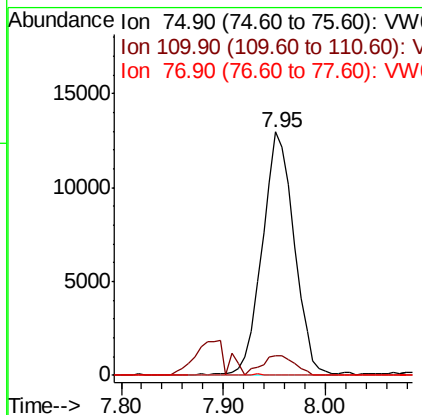
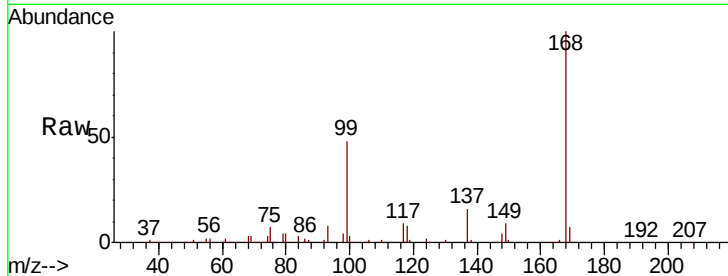




#36  
 1,1-Dichloropropene  
 Concen: 4.455 ug/l  
 RT: 7.95 min Scan# 992  
 Delta R.T. -0.13 min  
 Lab File: VW005191.D  
 Acq: 07 Sep 2018 05:05

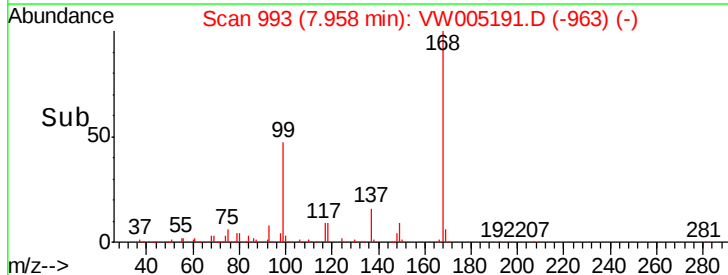
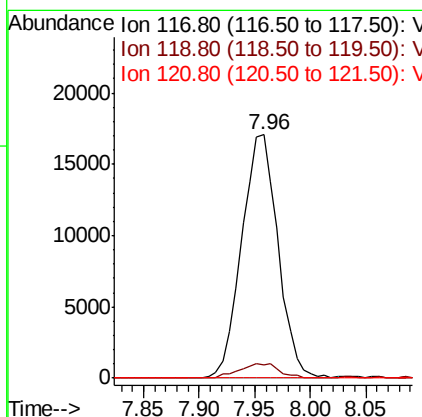
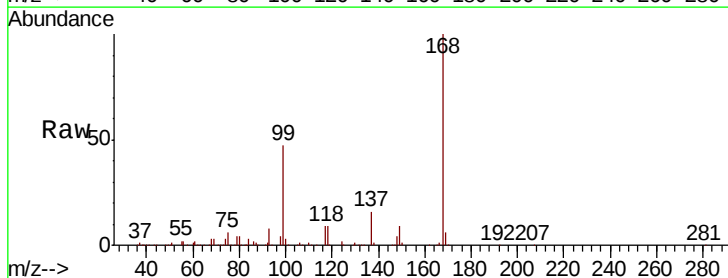
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EP1-MW-F(10-15)

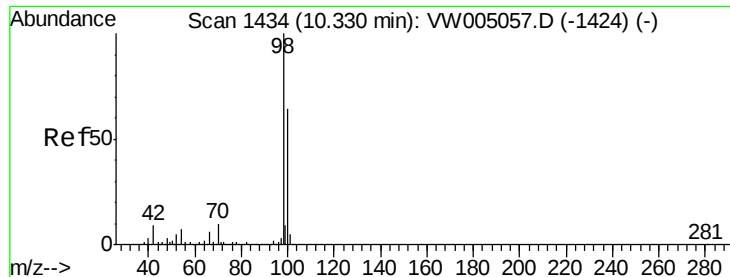
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 8.2   | 18.9  | 56.7# |
| 77      | 0.0   | 25.5  | 38.3# |



#38  
 Carbon Tetrachloride  
 Concen: 6.421 ug/l  
 RT: 7.96 min Scan# 993  
 Delta R.T. -0.12 min  
 Lab File: VW005191.D  
 Acq: 07 Sep 2018 05:05

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 5.3   | 76.6  | 115.0# |
| 121     | 0.0   | 24.8  | 37.2#  |





#50

Toluene-d8

Concen: 52.216 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA\_W

ClientSampleId :

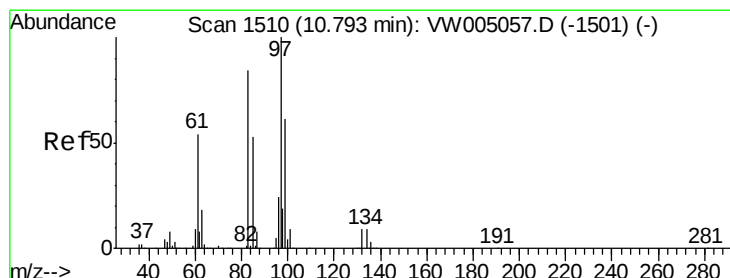
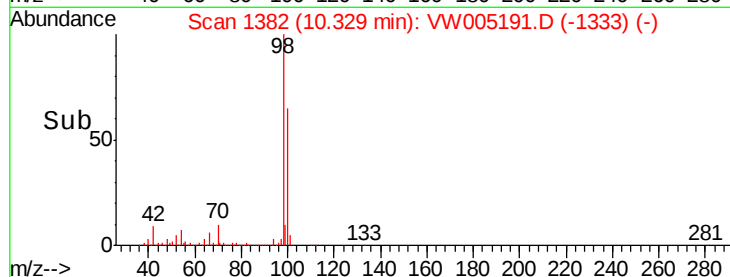
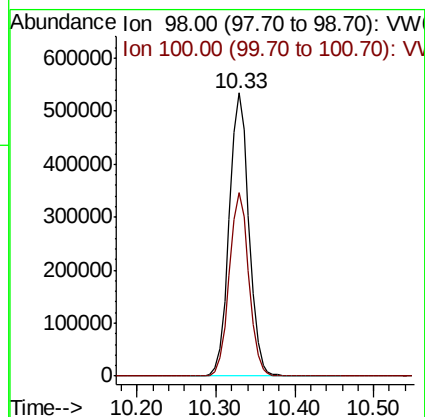
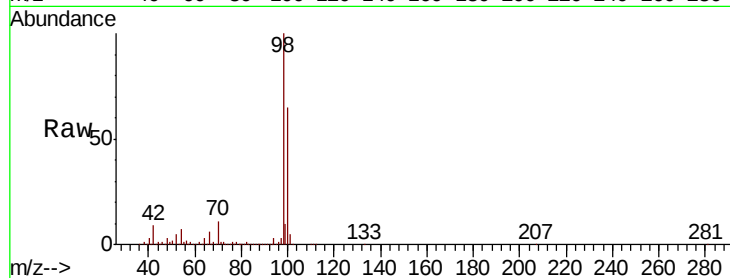
EP1-MW-F(10-15)

Tgt Ion: 98 Resp: 926113

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#55

1,1,2-Trichloroethane

Concen: 6.464 ug/l

RT: 10.77 min Scan# 1454

Delta R.T. -0.02 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Tgt Ion: 97 Resp: 22705

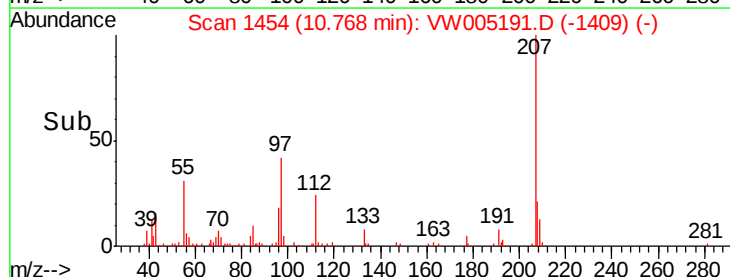
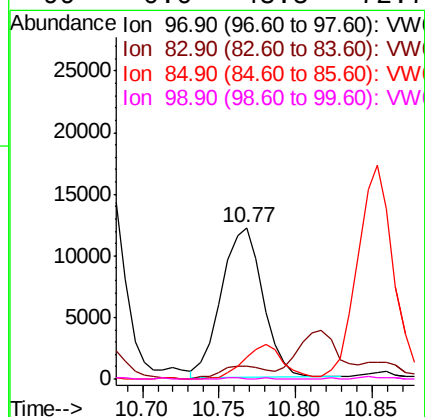
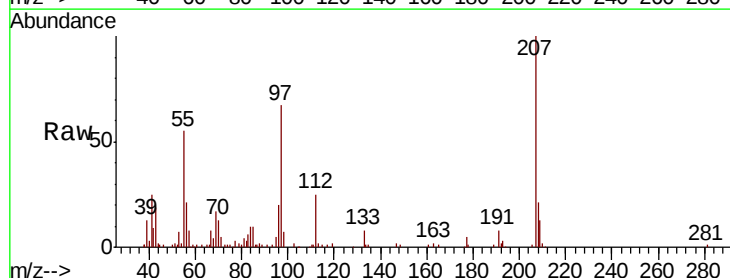
Ion Ratio Lower Upper

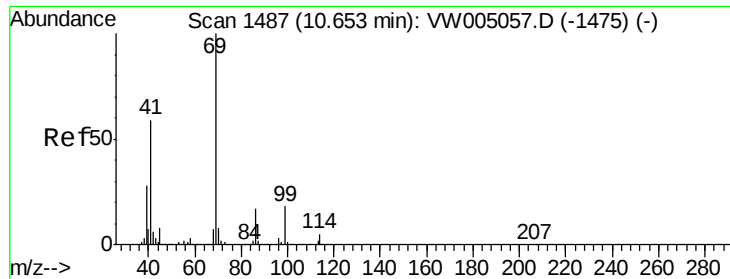
97 100

83 8.8 67.0 100.6#

85 14.9 42.3 63.5#

99 0.0 48.5 72.7#





#56

Ethyl methacrylate

Concen: 3.150 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.01 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA\_W

ClientSampleId :

EP1-MW-F(10-15)

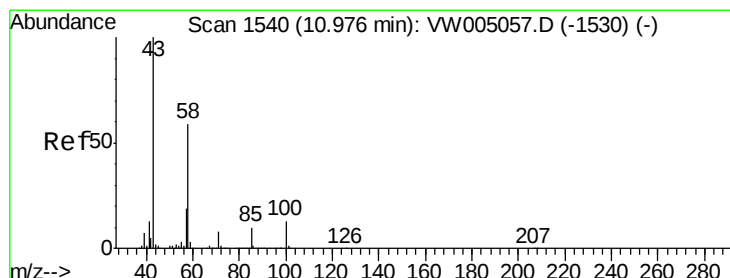
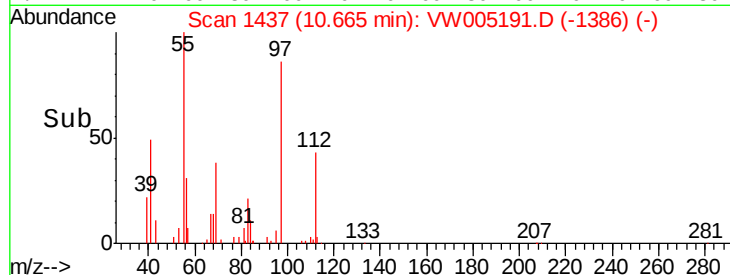
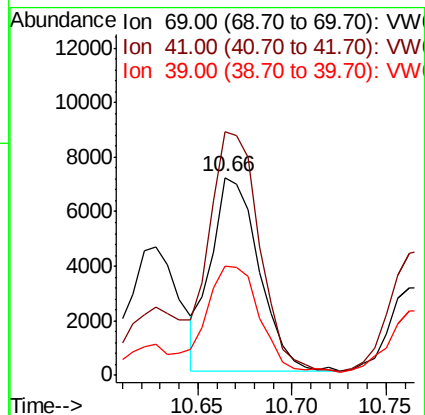
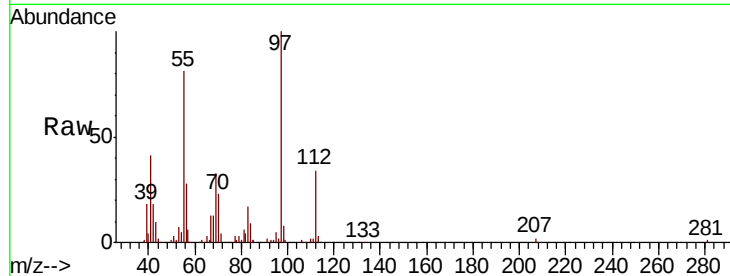
Tgt Ion: 69 Resp: 12623

Ion Ratio Lower Upper

69 100

41 125.4 47.8 71.6#

39 62.8 21.1 31.7#



#59

2-Hexanone

Concen: 88.016 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.04 min

Lab File: VW005191.D

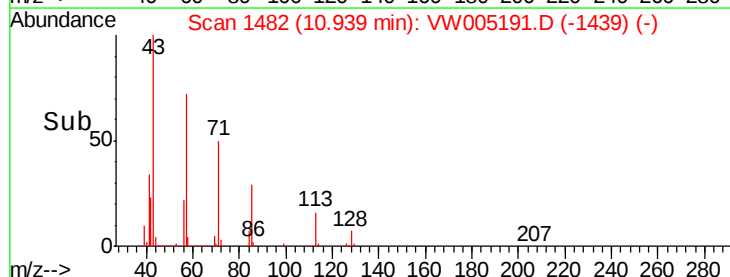
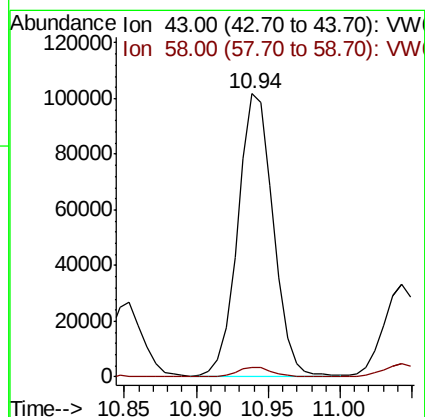
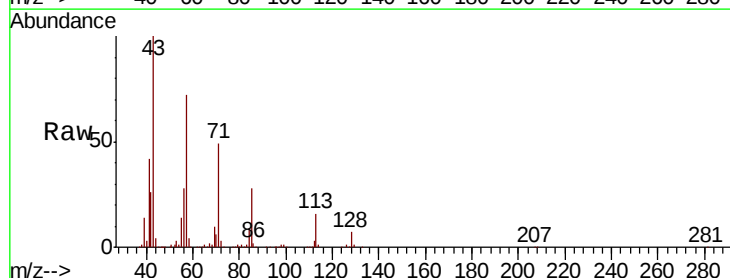
Acq: 07 Sep 2018 05:05

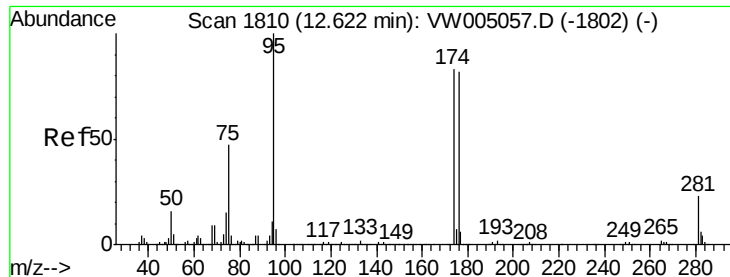
Tgt Ion: 43 Resp: 172235

Ion Ratio Lower Upper

43 100

58 3.7 28.7 86.3#

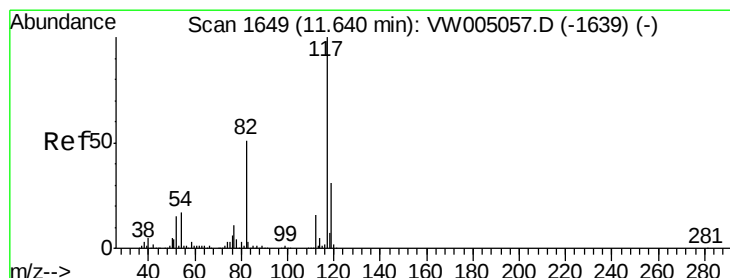
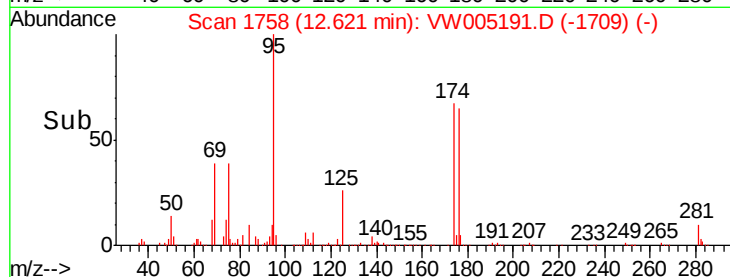
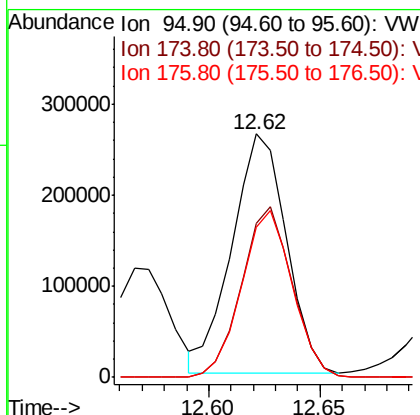
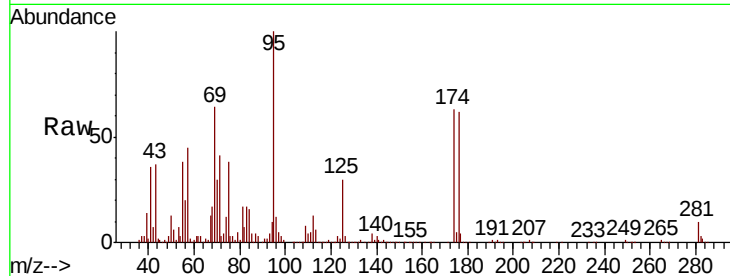




#62  
4-Bromofluorobenzene  
Concen: 71.186 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. -0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

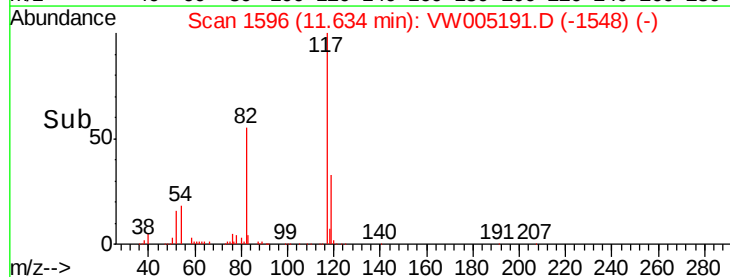
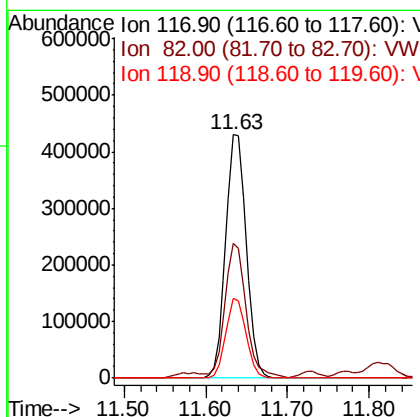
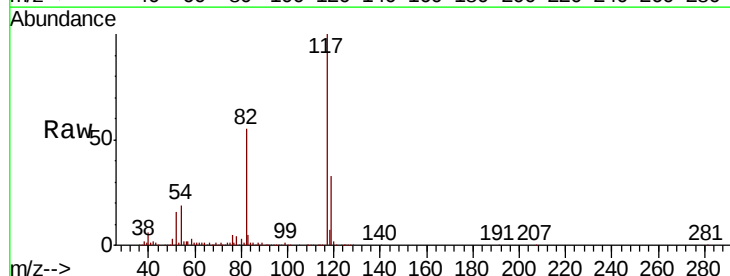
Instrument :  
MSVOA\_W  
ClientSampleId :  
EP1-MW-F(10-15)

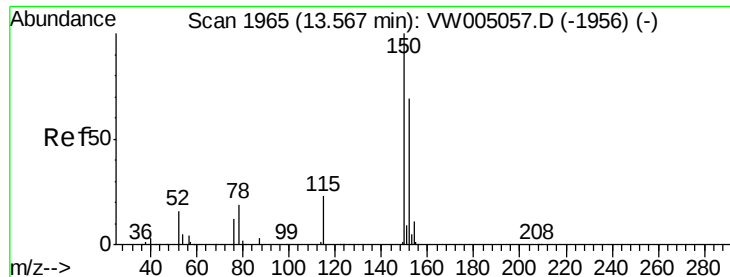
Tgt Ion: 95 Resp: 445189  
Ion Ratio Lower Upper  
95 100  
174 66.9 0.0 173.4  
176 65.4 0.0 167.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.01 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

Tgt Ion: 117 Resp: 749327  
Ion Ratio Lower Upper  
117 100  
82 53.3 40.9 61.3  
119 32.6 24.9 37.3



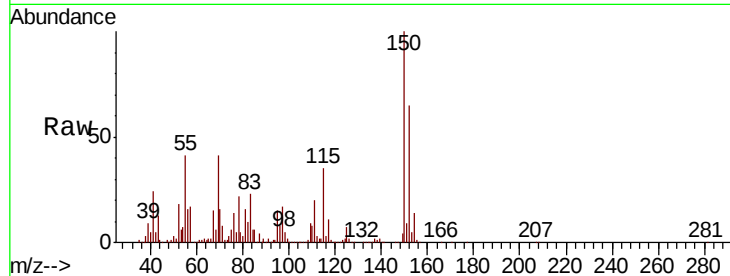


#72

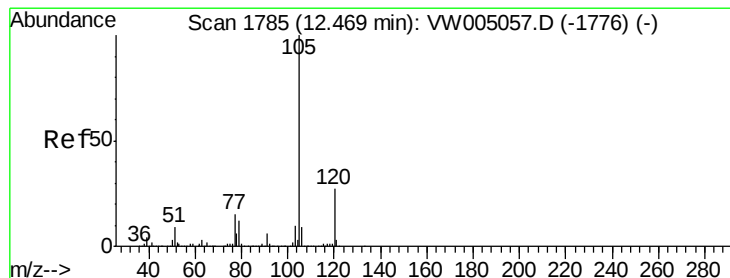
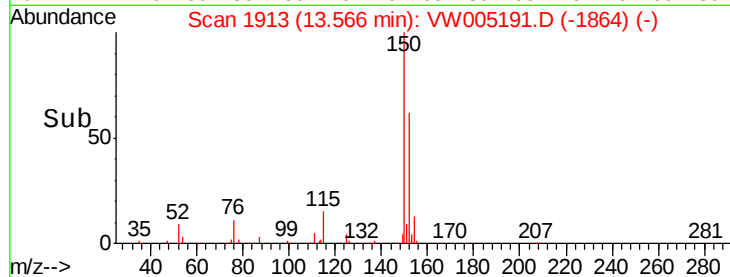
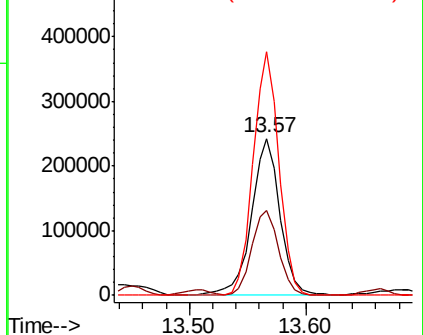
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1913  
Delta R.T. -0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
EP1-MW-F(10-15)

Tgt Ion:152 Resp: 412004  
Ion Ratio Lower Upper  
152 100  
115 50.9 27.8 83.4  
150 140.8 0.0 351.4



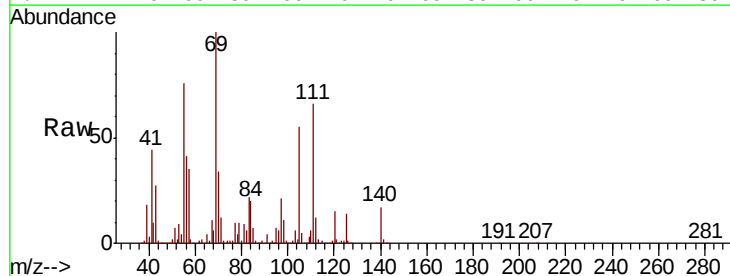
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



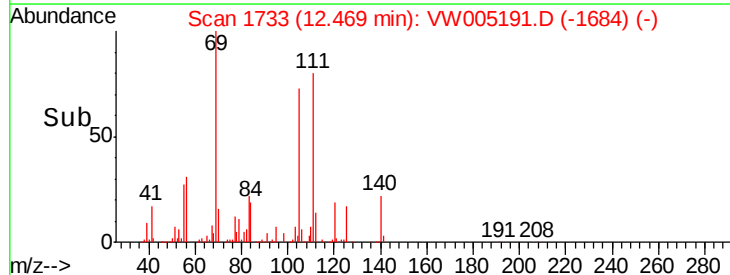
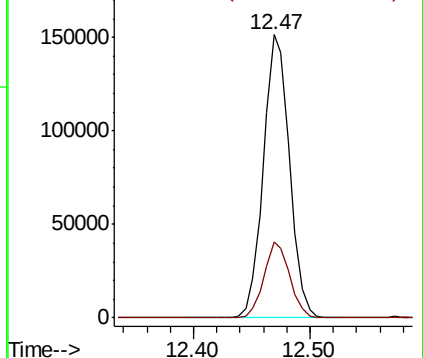
#73

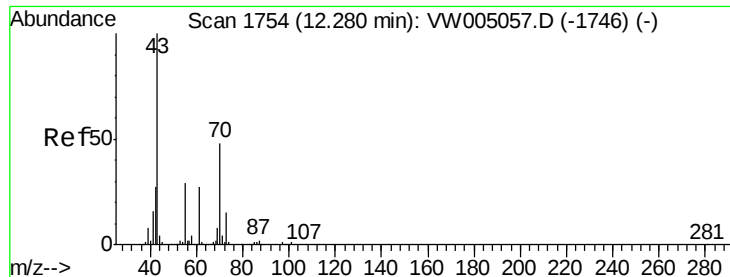
Isopropylbenzene  
Concen: 8.135 ug/l  
RT: 12.47 min Scan# 1733  
Delta R.T. -0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

Tgt Ion:105 Resp: 236336  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.4 40.1



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

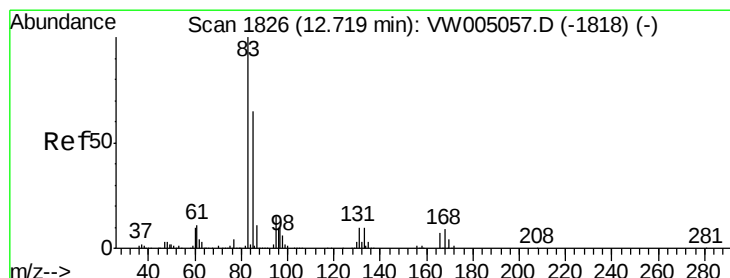
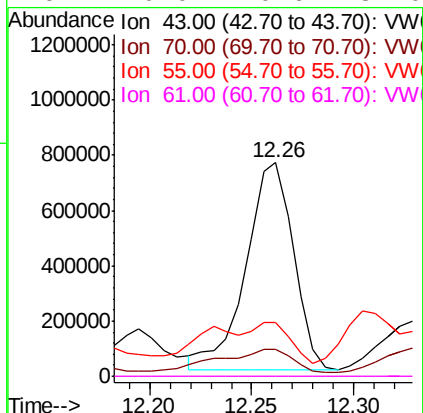
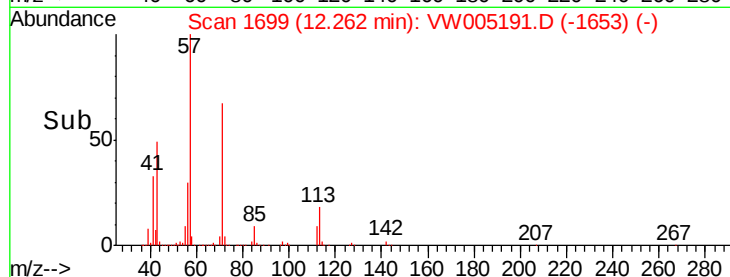
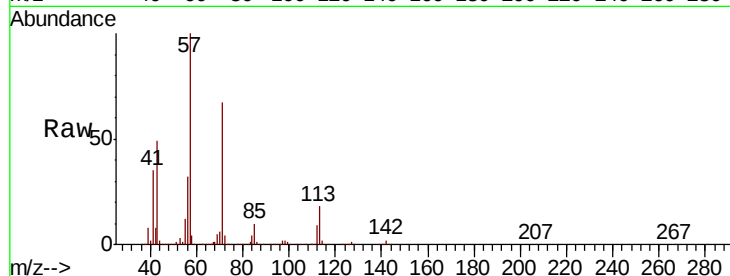




#74  
N-ethyl acetate  
Concen: 244.290 ug/l  
RT: 12.26 min Scan# 1699  
Delta R.T. -0.02 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

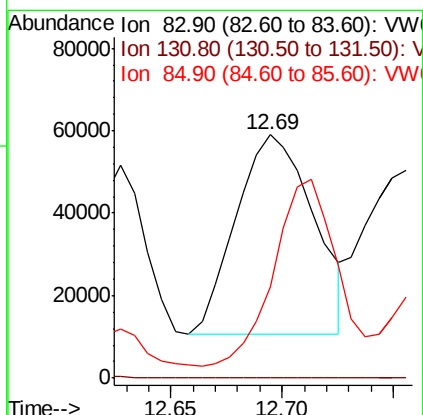
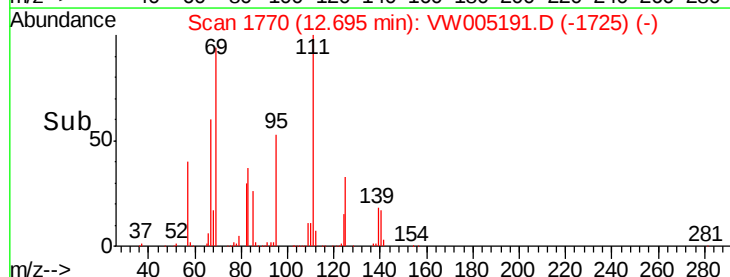
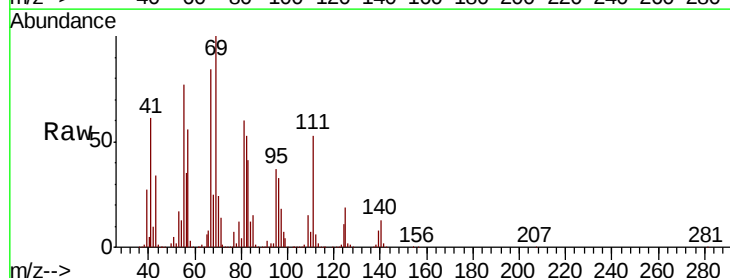
Instrument :  
MSVOA\_W  
ClientSampleId :  
EP1-MW-F(10-15)

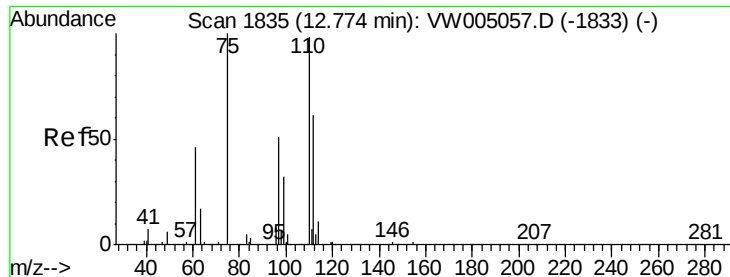
Tgt Ion: 43 Resp: 1221977  
Ion Ratio Lower Upper  
43 100  
70 17.9 38.2 57.4#  
55 16.0 23.2 34.8#  
61 0.0 20.6 31.0#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 26.322 ug/l  
RT: 12.69 min Scan# 1770  
Delta R.T. -0.02 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

Tgt Ion: 83 Resp: 116409  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.5 16.4#  
85 75.8 32.5 97.4

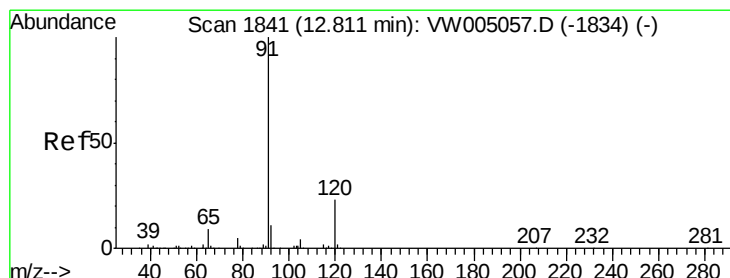
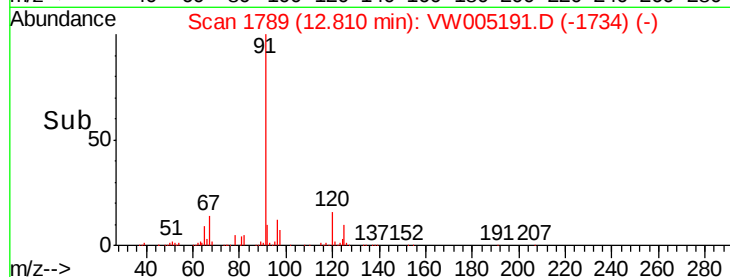
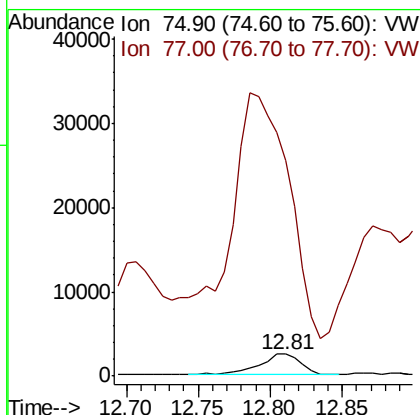
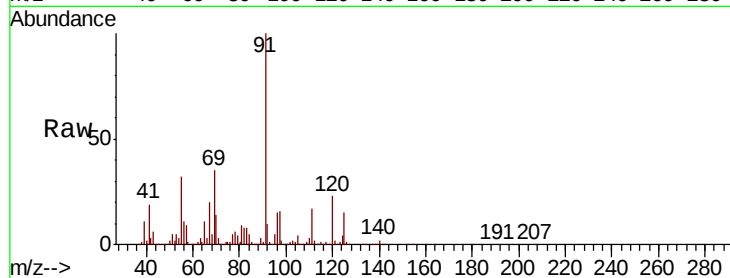




#76  
 1,2,3-Trichloropropane  
 Concen: 1.589 ug/l  
 RT: 12.81 min Scan# 1789  
 Delta R.T. 0.04 min  
 Lab File: VW005191.D  
 Acq: 07 Sep 2018 05:05

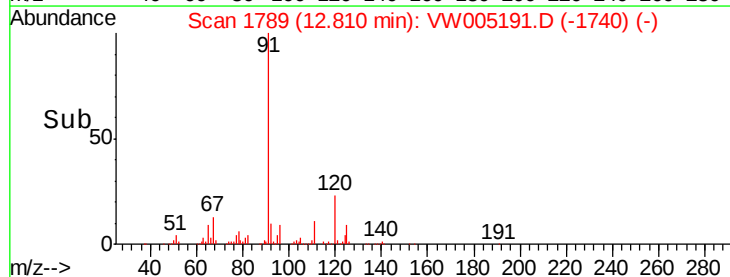
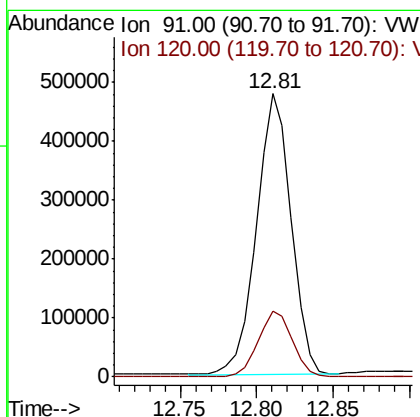
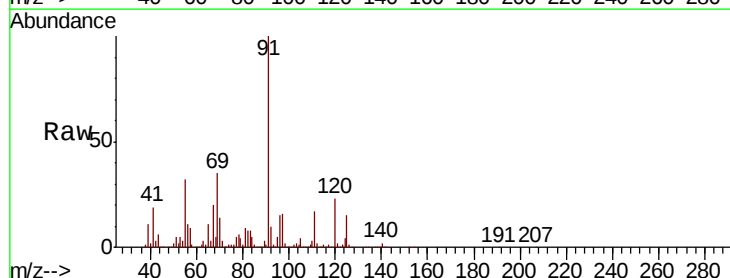
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EP1-MW-F(10-15)

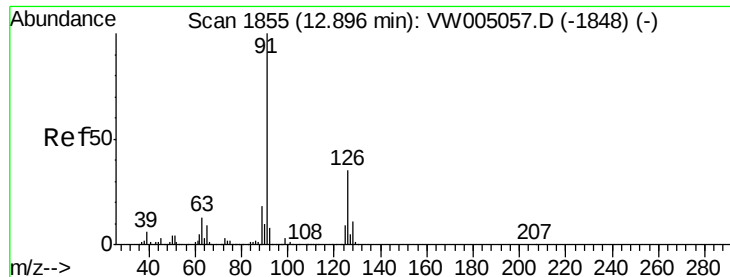
Tgt Ion: 75 Resp: 4914  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0



#78  
 n-propylbenzene  
 Concen: 21.510 ug/l  
 RT: 12.81 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VW005191.D  
 Acq: 07 Sep 2018 05:05

Tgt Ion: 91 Resp: 754352  
 Ion Ratio Lower Upper  
 91 100  
 120 23.1 11.8 35.3

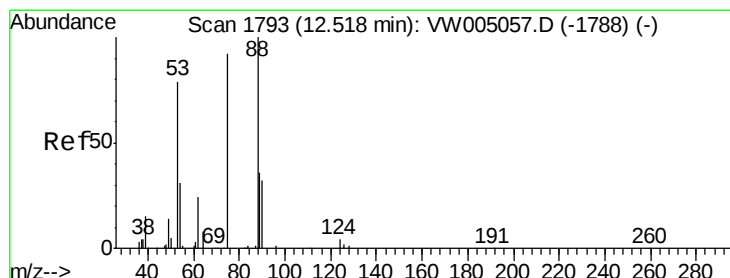
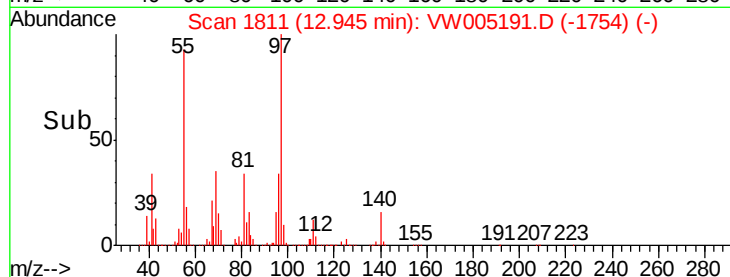
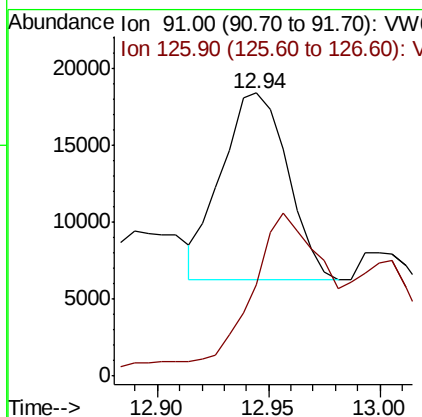
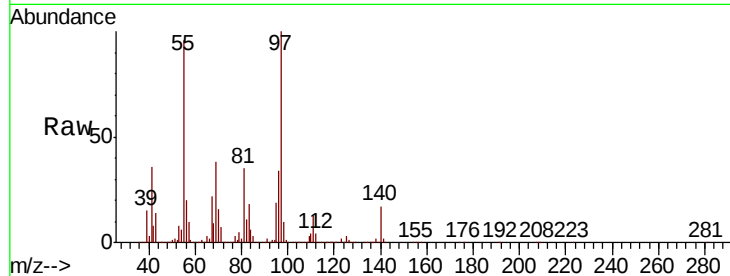




#79  
 2-Chlorotoluene  
 Concen: 1.233 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. 0.05 min  
 Lab File: VW005191.D  
 Acq: 07 Sep 2018 05:05

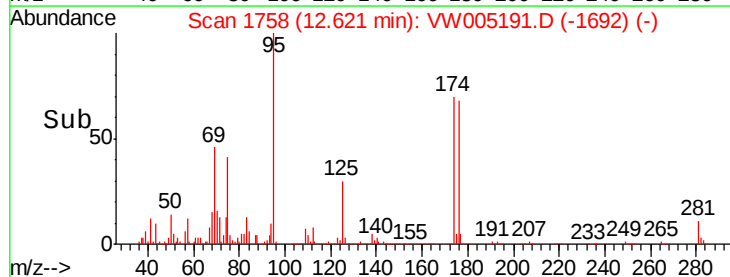
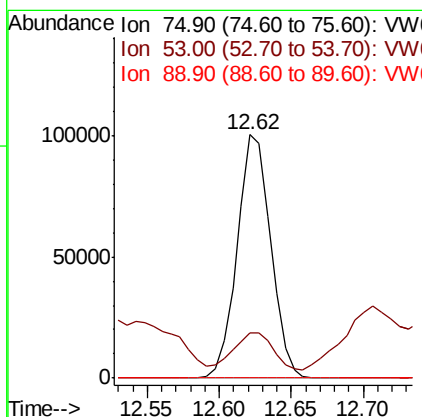
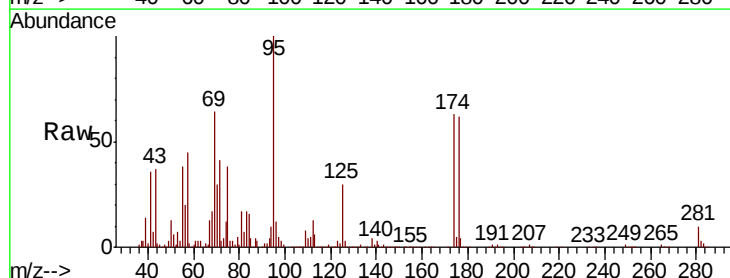
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EP1-MW-F(10-15)

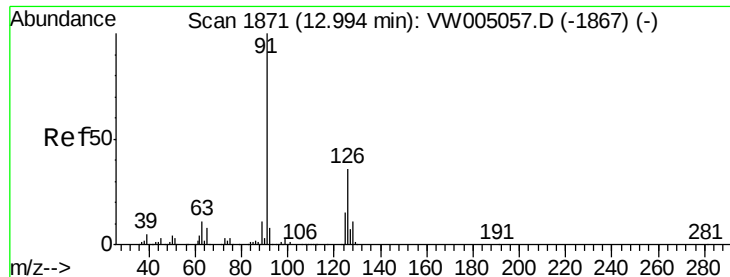
Tgt Ion: 91 Resp: 25225  
 Ion Ratio Lower Upper  
 91 100  
 126 87.8 17.3 52.0#



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 126.312 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. 0.10 min  
 Lab File: VW005191.D  
 Acq: 07 Sep 2018 05:05

Tgt Ion: 75 Resp: 162297  
 Ion Ratio Lower Upper  
 75 100  
 53 17.6 69.8 104.8#  
 89 0.2 36.0 54.0#

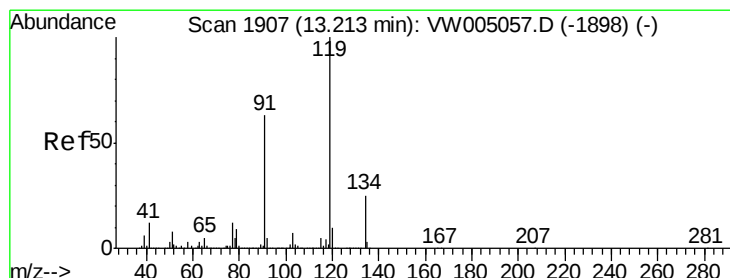
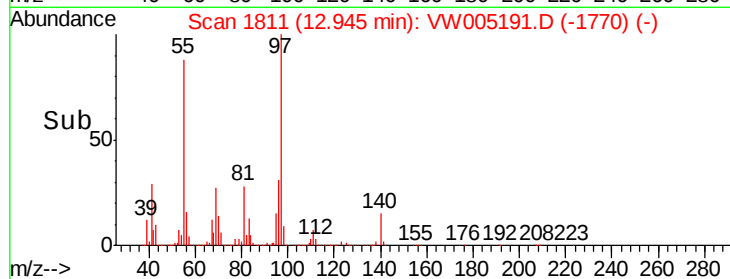
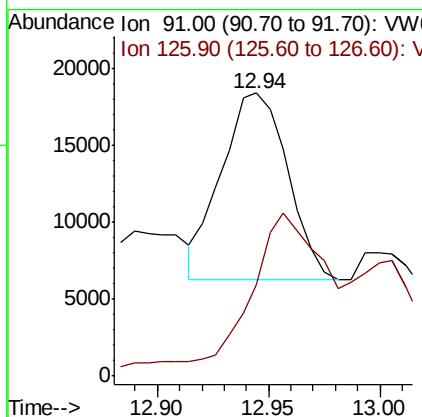
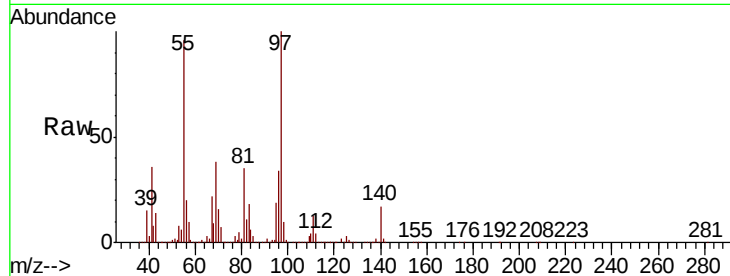




#82  
4-Chlorotoluene  
Concen: 1.168 ug/l  
RT: 12.94 min Scan# 1811  
Delta R.T. -0.05 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

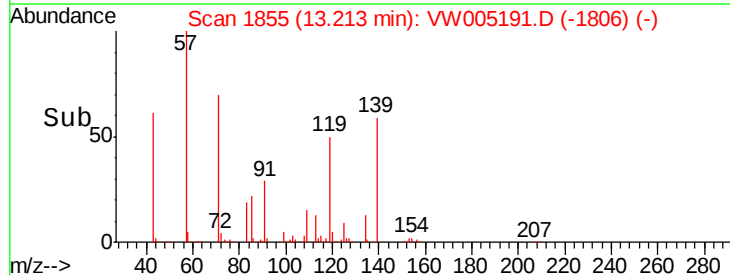
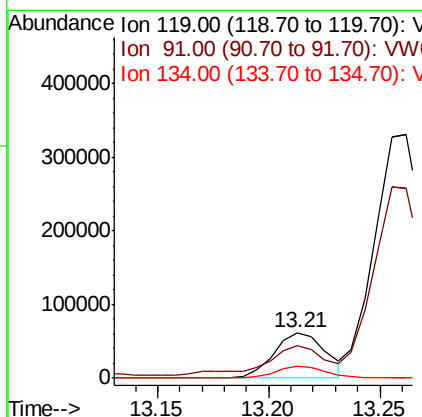
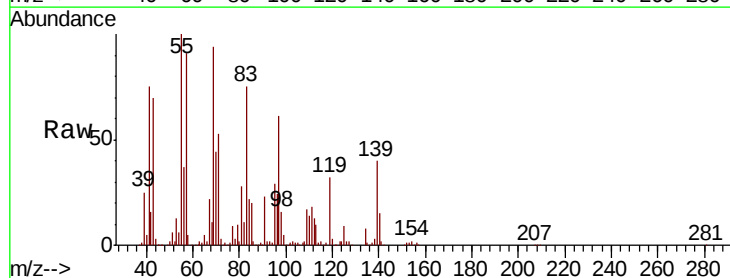
Instrument :  
MSVOA\_W  
ClientSampleId :  
EP1-MW-F(10-15)

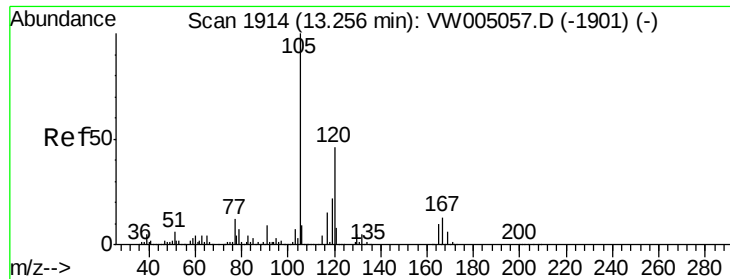
Tgt Ion: 91 Resp: 25225  
Ion Ratio Lower Upper  
91 100  
126 87.8 17.4 52.3#



#83  
tert-Butylbenzene  
Concen: 4.709 ug/l  
RT: 13.21 min Scan# 1855  
Delta R.T. -0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

Tgt Ion: 119 Resp: 98792  
Ion Ratio Lower Upper  
119 100  
91 75.1 31.8 95.4  
134 24.4 13.0 39.0

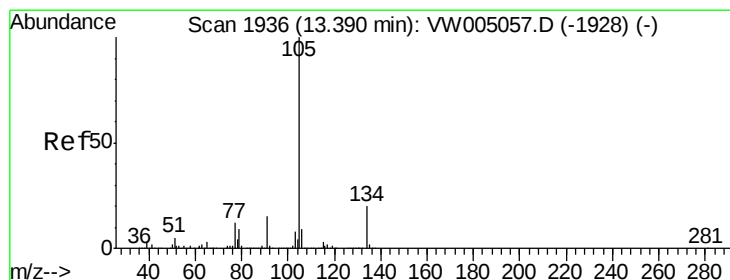
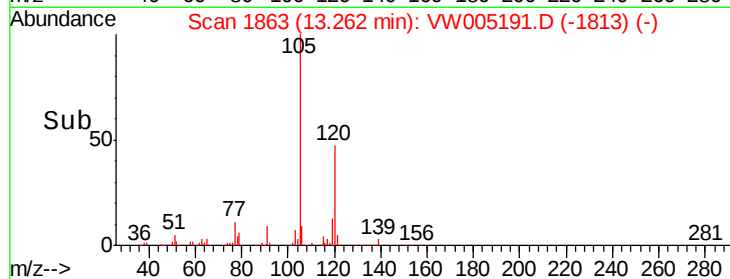
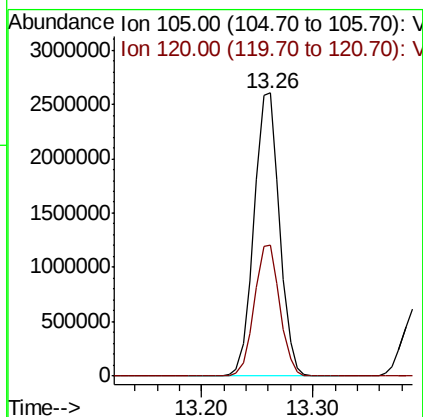
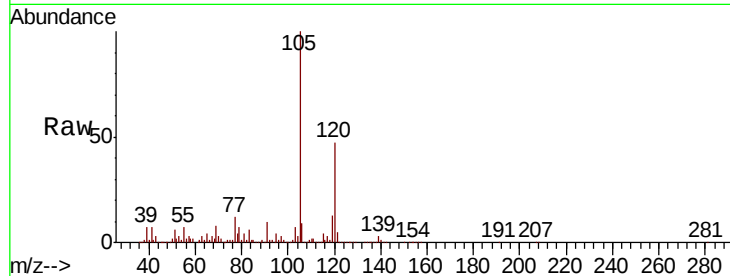




#84  
 1,2,4-Trimethylbenzene  
 Concen: 162.312 ug/l  
 RT: 13.26 min Scan# 1863  
 Delta R.T. 0.01 min  
 Lab File: VW005191.D  
 Acq: 07 Sep 2018 05:05

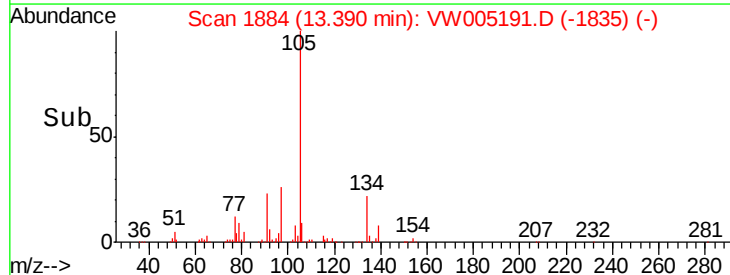
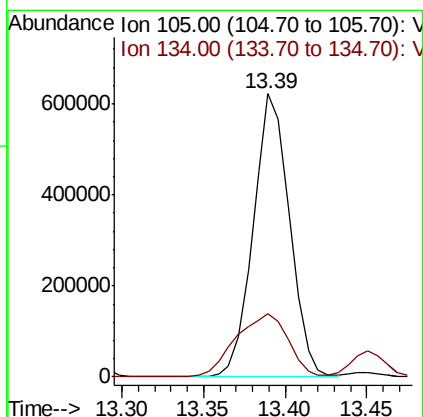
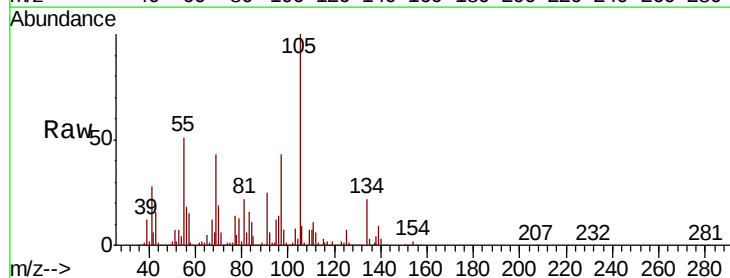
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EP1-MW-F(10-15)

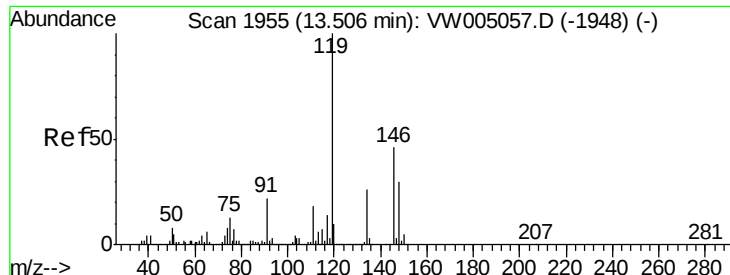
Tgt Ion:105 Resp: 4152825  
 Ion Ratio Lower Upper  
 105 100  
 120 46.6 23.1 69.3



#85  
 sec-Butylbenzene  
 Concen: 30.889 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: VW005191.D  
 Acq: 07 Sep 2018 05:05

Tgt Ion:105 Resp: 952369  
 Ion Ratio Lower Upper  
 105 100  
 134 32.6 10.1 30.3#

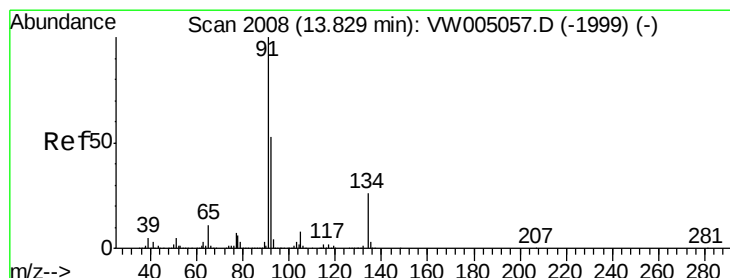
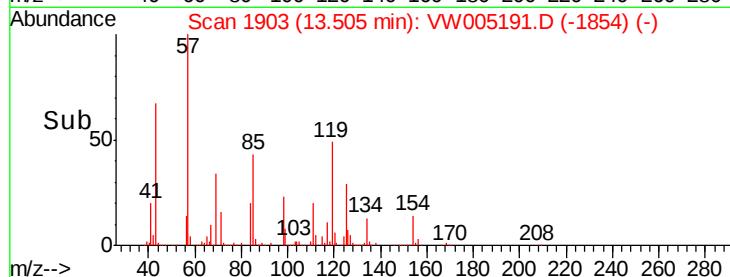
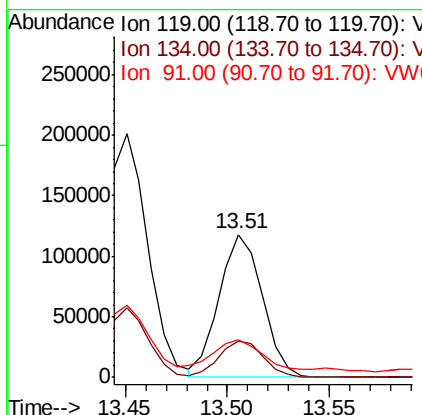
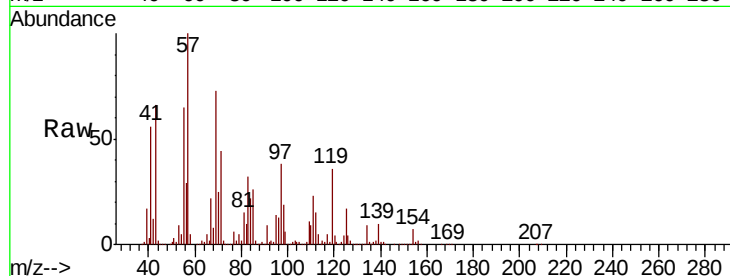




#86  
p-Isopropyltoluene  
Concen: 6.344 ug/l  
RT: 13.51 min Scan# 1903  
Delta R.T. -0.00 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

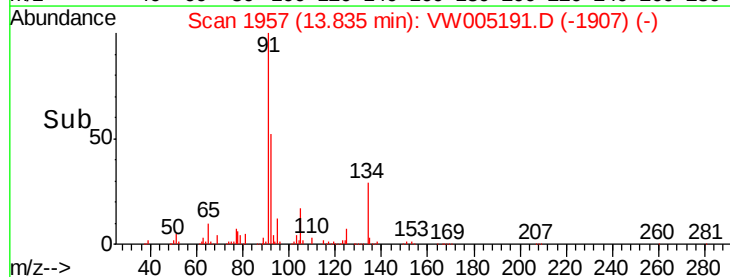
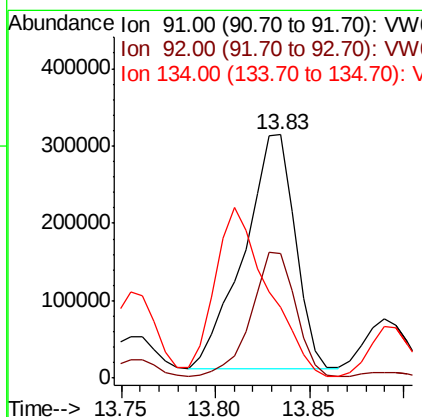
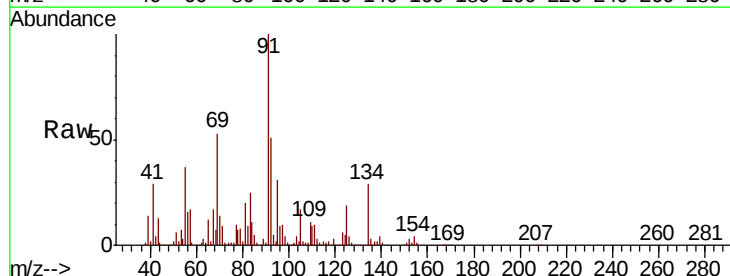
Instrument :  
MSVOA\_W  
ClientSampleId :  
EP1-MW-F(10-15)

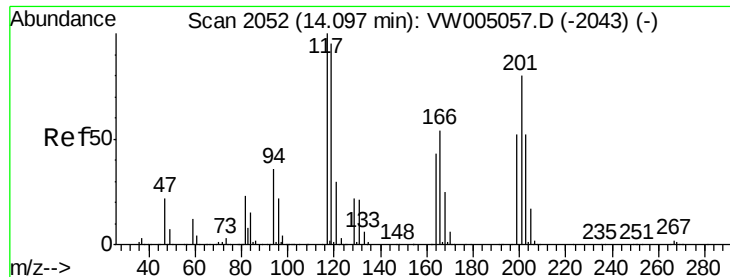
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.7  | 13.3  | 39.8  |
| 91      | 26.4  | 10.9  | 32.9  |



#89  
n-Butylbenzene  
Concen: 22.476 ug/l  
RT: 13.83 min Scan# 1957  
Delta R.T. 0.01 min  
Lab File: VW005191.D  
Acq: 07 Sep 2018 05:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 46.5  | 26.5  | 79.5  |
| 134     | 0.0   | 13.5  | 40.4# |





#90

Hexachloroethane

Concen: 38.363 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA\_W

ClientSampleId :

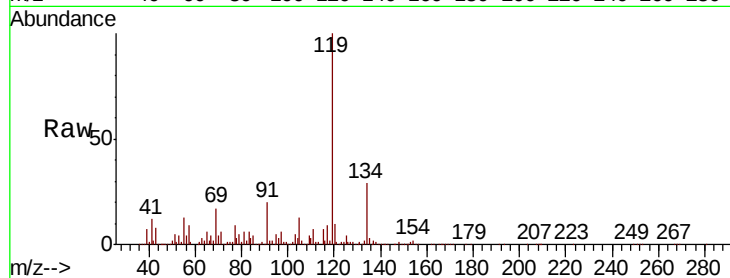
EP1-MW-F(10-15)

Tgt Ion: 117 Resp: 173917

Ion Ratio Lower Upper

117 100

201 0.0 44.6 133.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

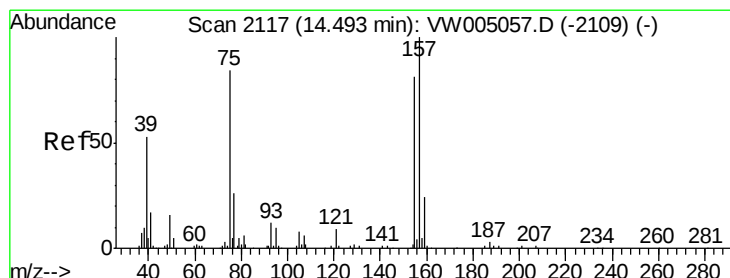
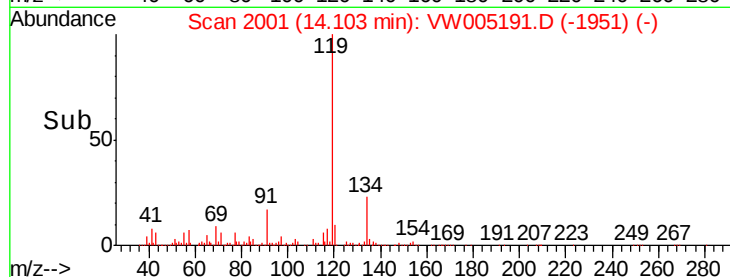
14.10

100000

50000

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.202 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

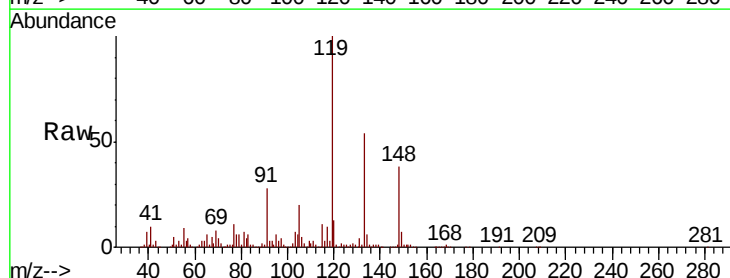
Tgt Ion: 75 Resp: 4977

Ion Ratio Lower Upper

75 100

155 0.0 46.0 137.8#

157 0.0 58.6 175.7#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

8000

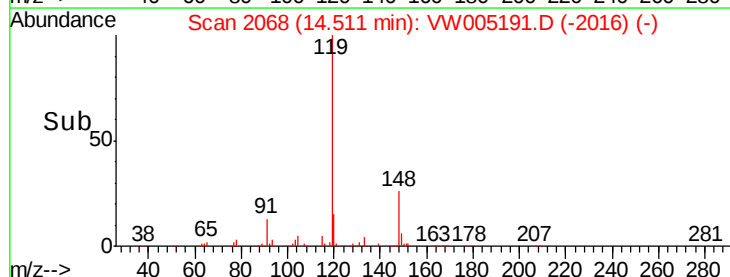
6000

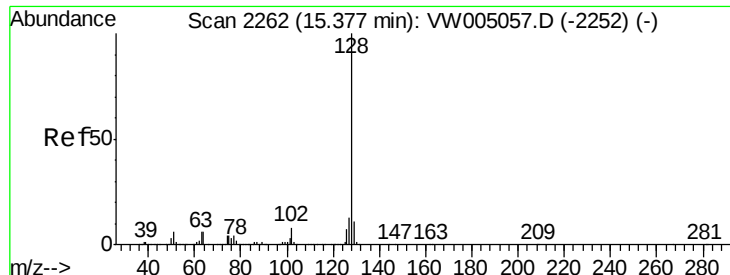
4000

2000

0

Time-->





#95

Naphthalene

Concen: 4.244 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW005191.D

Acq: 07 Sep 2018 05:05

Instrument :

MSVOA\_W

ClientSampleId :

EP1-MW-F(10-15)

Tgt Ion:128 Resp: 4269

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#

