

Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\  
 Data File : VW009065.D  
 Acq On : 08 Mar 2019 19:57  
 Operator : SY/VA  
 Sample : K1807-01RE  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-1RE

Quant Time: Mar 09 04:09:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W030719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 08 05:22:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 282648   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 457057   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 419348   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 199944   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 178757   | 62.86 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 125.72% |      |
| 35) Dibromofluoromethane    | 7.88   | 113 | 143043   | 51.98 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.96% |      |
| 50) Toluene-d8              | 10.32  | 98  | 546866   | 48.38 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.76%  |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 190055   | 42.72 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 85.44%  |      |

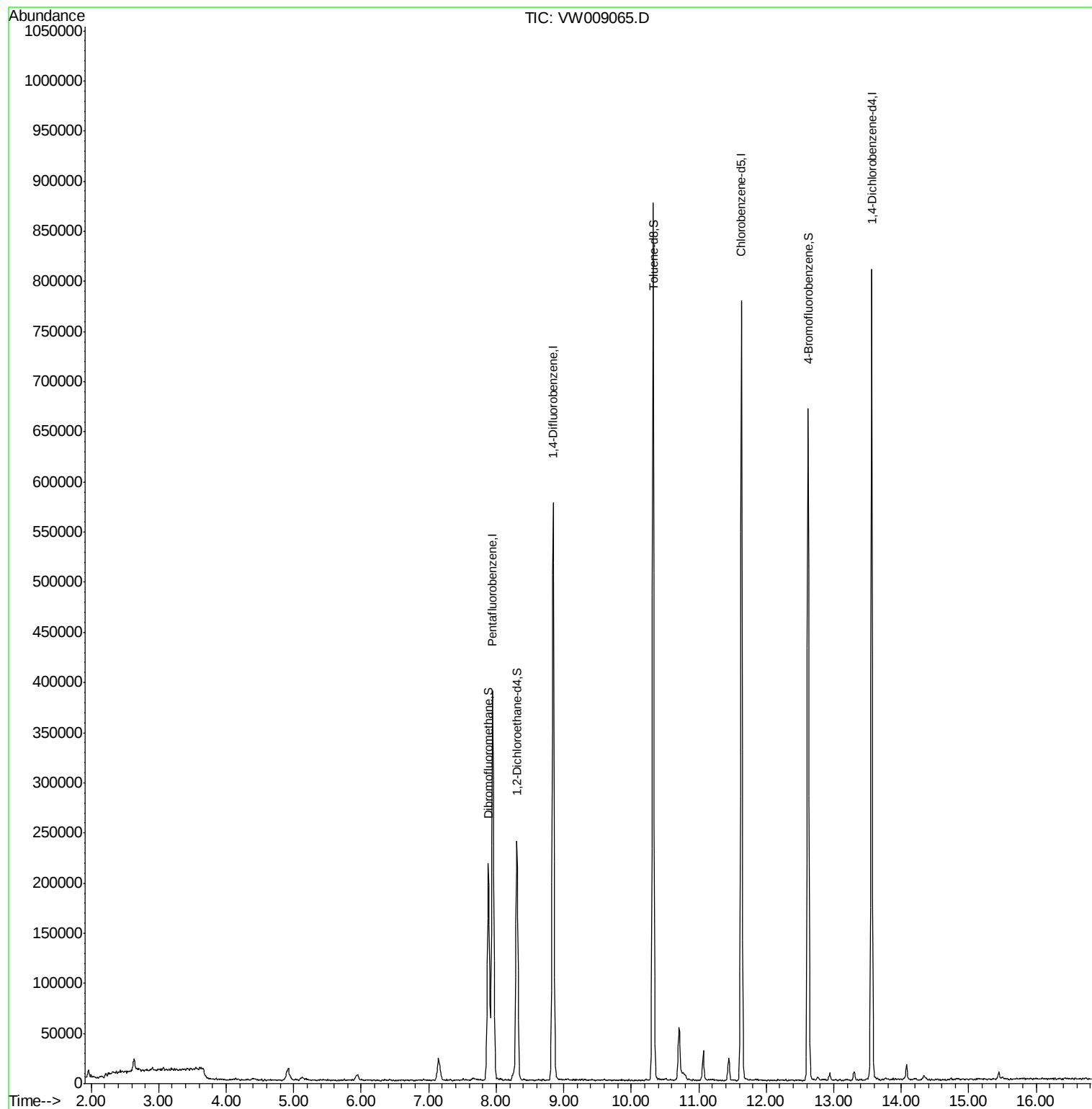
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

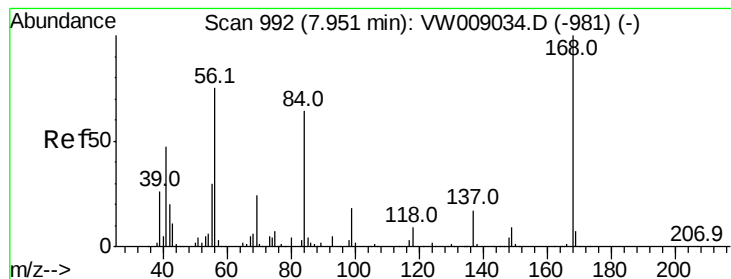
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-1RE

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Quant Title : SW846 8260  
QLast Update : Fri Mar 08 05:22:30 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009065.D

Acq: 08 Mar 2019 19:57

Instrument :

MSVOA\_W

ClientSampled :

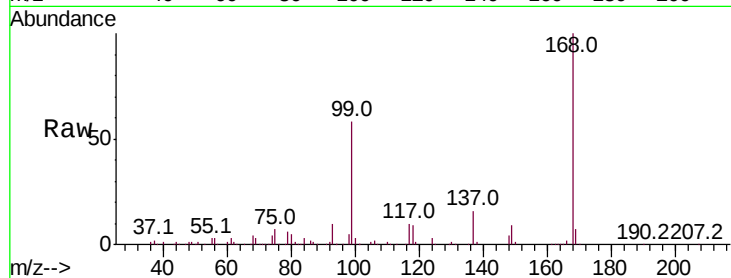
TP-1RE

Tot Ion:168 Resp: 282648

Ion Ratio Lower Upper

168 100

99 58.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

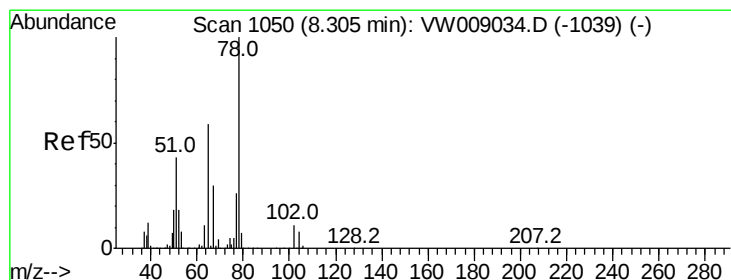
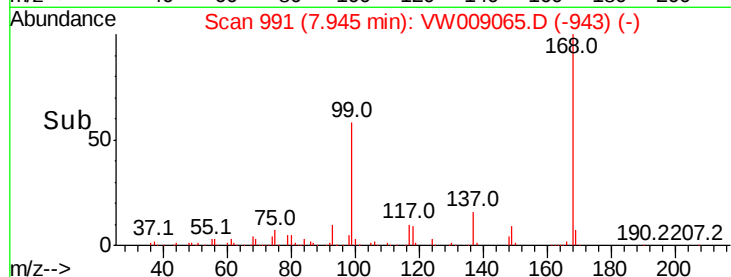
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 62.860 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009065.D

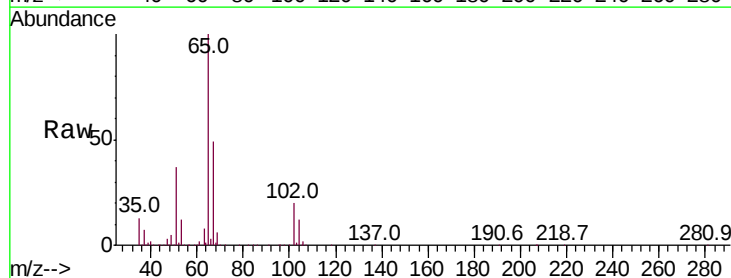
Acq: 08 Mar 2019 19:57

Tgt Ion: 65 Resp: 178757

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

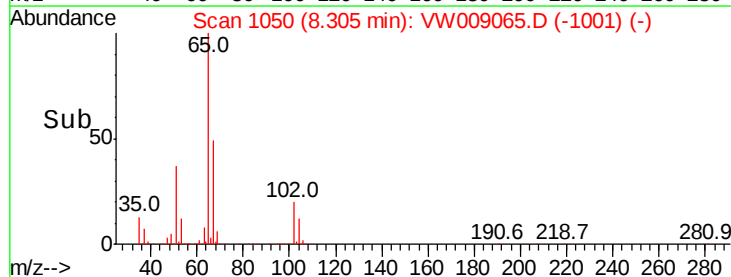
60000

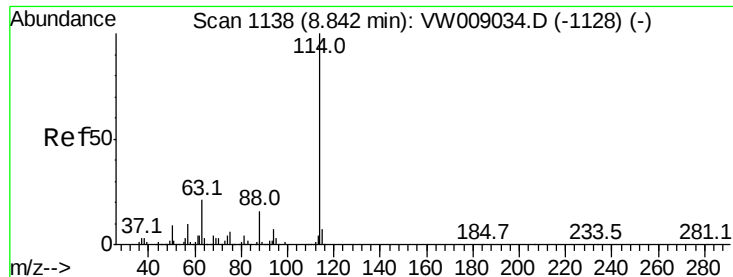
40000

20000

0

Time--> 8.20 8.30 8.40

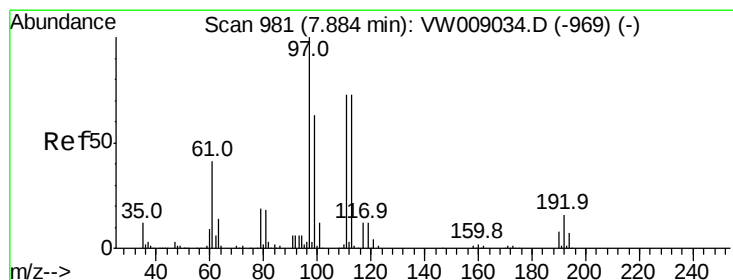
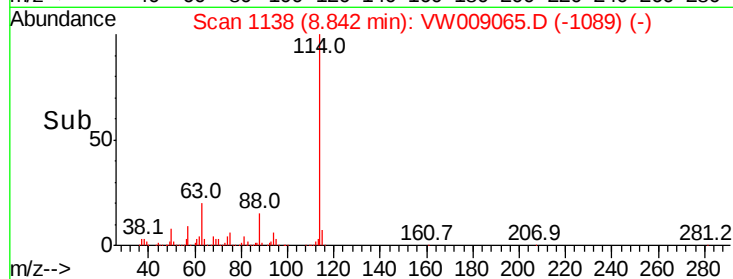
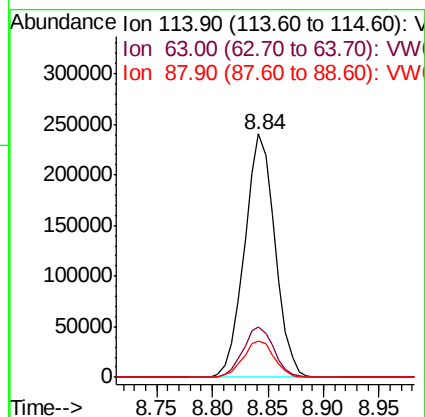
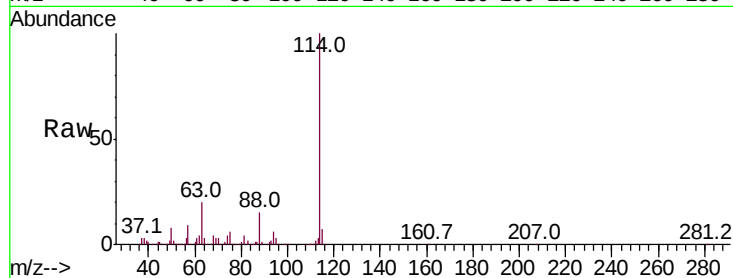




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW009065.D  
 Acq: 08 Mar 2019 19:57

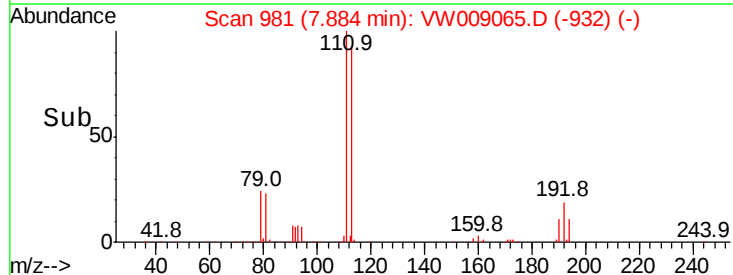
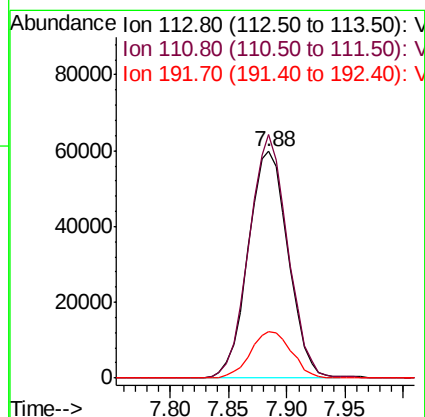
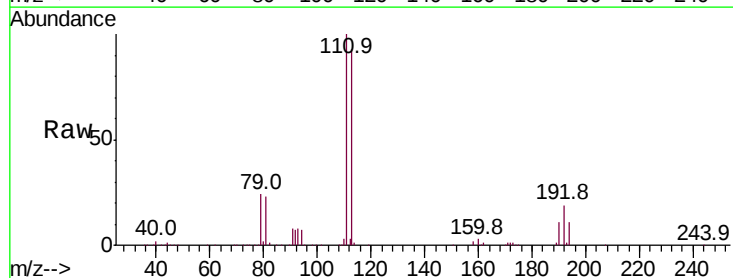
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TP-1RE

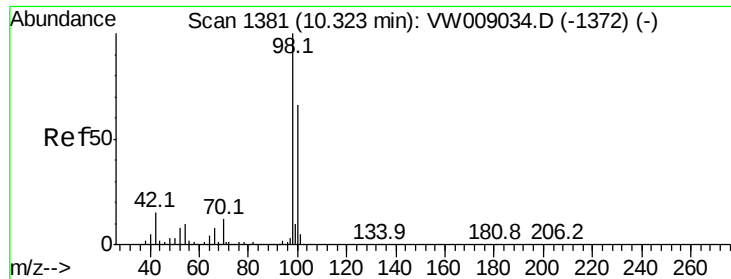
Tot Ion:114 Resp: 457057  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 41.2  
 88 14.9 0.0 31.2



#35  
 Dibromofluoromethane  
 Concen: 51.980 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VW009065.D  
 Acq: 08 Mar 2019 19:57

Tgt Ion:113 Resp: 143043  
 Ion Ratio Lower Upper  
 113 100  
 111 104.3 81.0 121.4  
 192 21.0 17.1 25.7

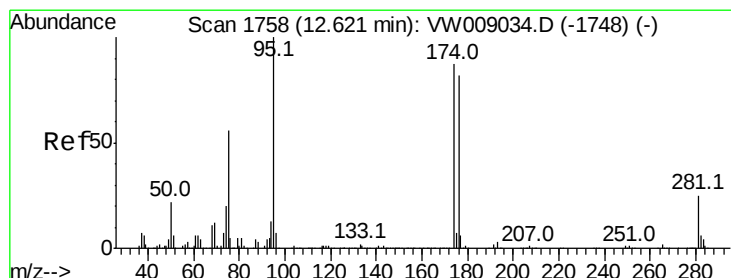
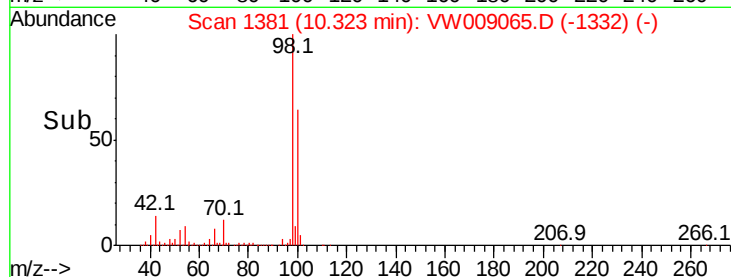
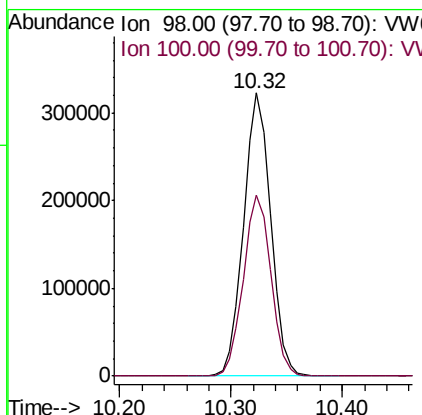
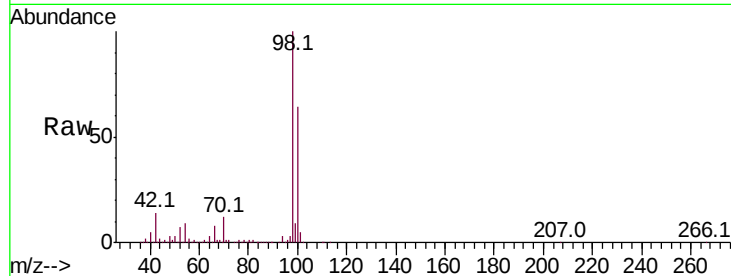




#50  
Toluene-d8  
Concen: 48.385 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW009065.D  
Acq: 08 Mar 2019 19:57

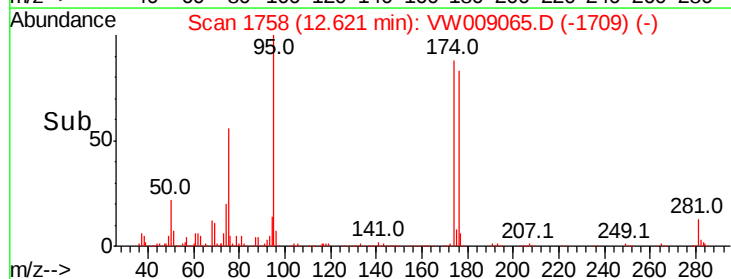
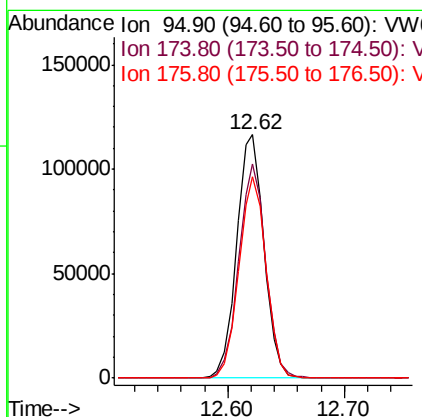
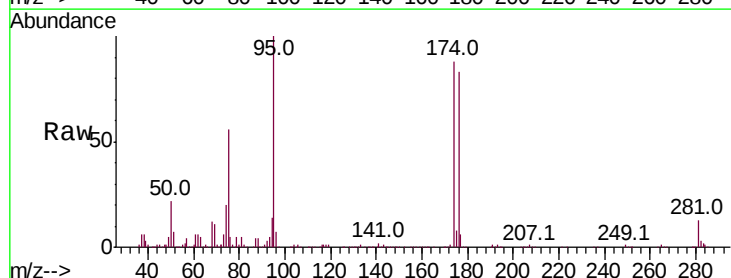
Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-1RE

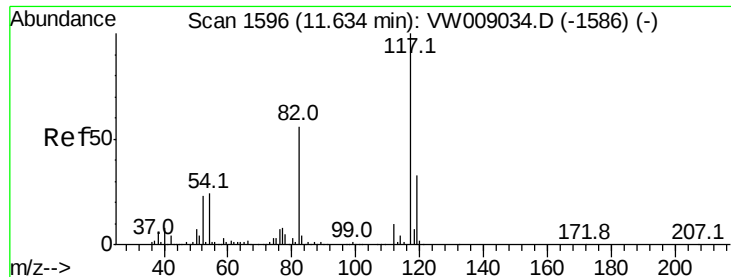
Tot Ion: 98 Resp: 546866  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 42.715 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW009065.D  
Acq: 08 Mar 2019 19:57

Tgt Ion: 95 Resp: 190055  
Ion Ratio Lower Upper  
95 100  
174 86.8 0.0 167.0  
176 82.3 0.0 159.4

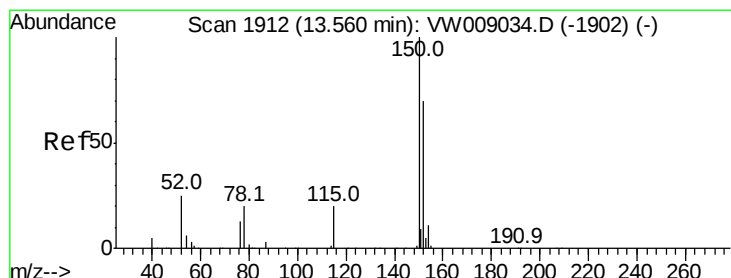
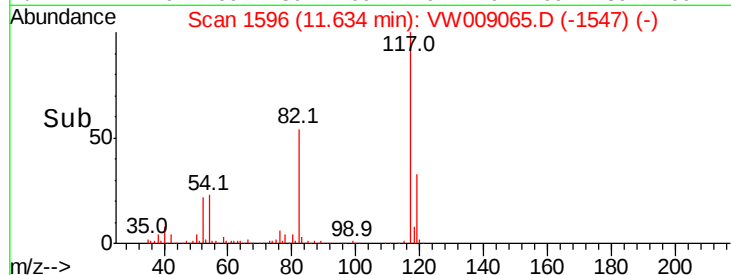
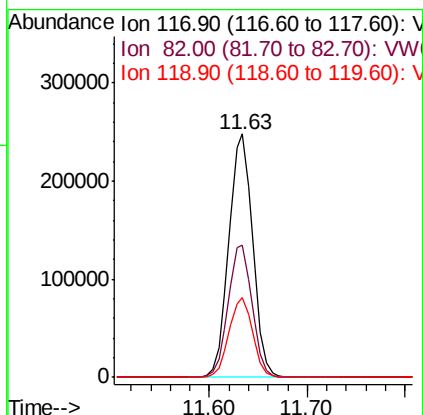
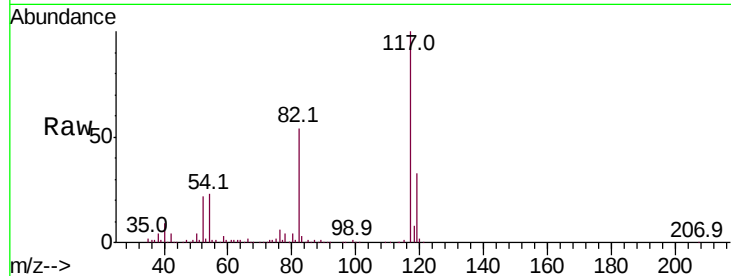




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW009065.D  
Acq: 08 Mar 2019 19:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
TP-1RE

Tot Ion:117 Resp: 419348  
Ion Ratio Lower Upper  
117 100  
82 54.1 45.0 67.6  
119 33.0 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. 0.00 min  
Lab File: VW009065.D  
Acq: 08 Mar 2019 19:57

Tgt Ion:152 Resp: 199944  
Ion Ratio Lower Upper  
152 100  
115 56.3 28.9 86.7  
150 154.2 0.0 349.2

