

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\  
 Data File : VW008083.D  
 Acq On : 07 Jan 2019 21:14  
 Operator : SY/AP  
 Sample : K1075-02  
 Misc : 5.01G/5ML/MSVOA W/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BASIN-1

Quant Time: Jan 08 05:48:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010219S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 03 05:03:55 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.95   | 168  | 8545     | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.85   | 114  | 13973    | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63  | 117  | 11884    | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56  | 152  | 5002     | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65   | 5601     | 59.26 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 118.52% |          |
| 35) Dibromofluoromethane    | 7.88   | 113  | 4595     | 52.16 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 104.32% |          |
| 50) Toluene-d8              | 10.32  | 98   | 16484    | 49.89 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 99.78%  |          |
| 62) 4-Bromofluorobenzene    | 12.62  | 95   | 5879     | 46.39 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 92.78%  |          |

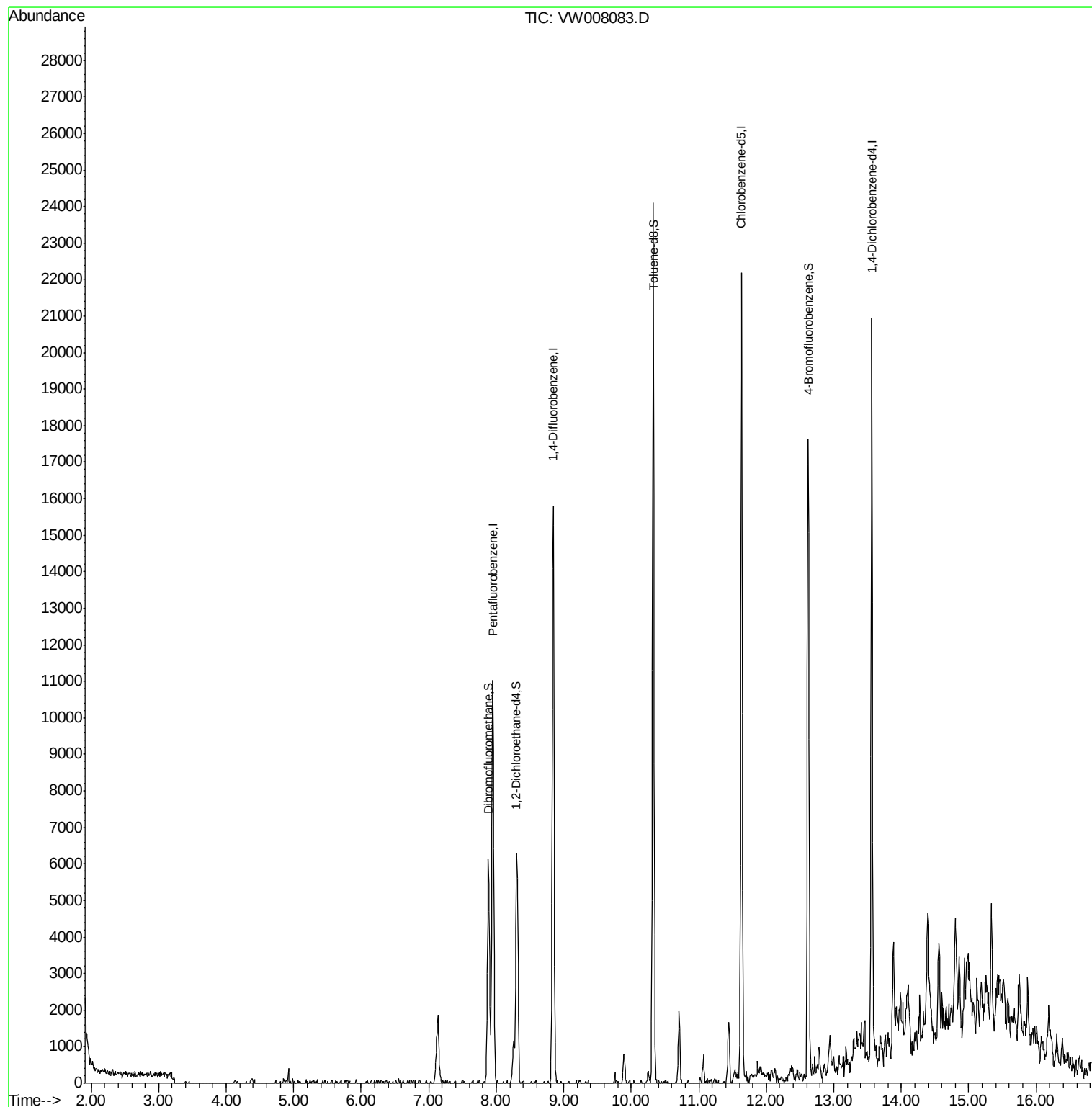
Target Compounds Qvalue

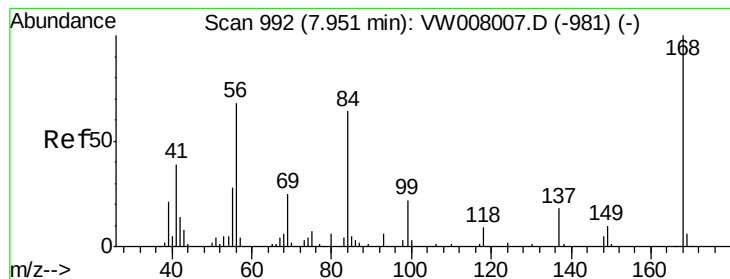
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 03 05:03:55 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008083.D

Acq: 07 Jan 2019 21:14

Instrument :

MSVOA\_W

ClientSampleId :

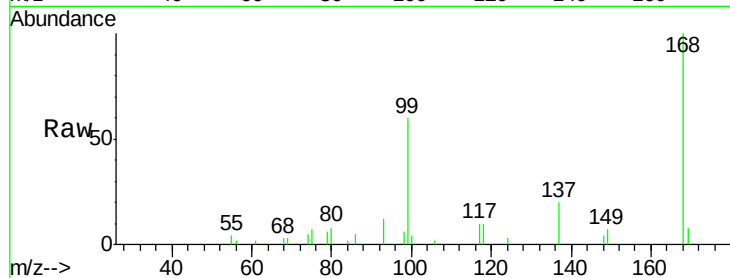
BASIN-1

Tot Ion:168 Resp: 8545

Ion Ratio Lower Upper

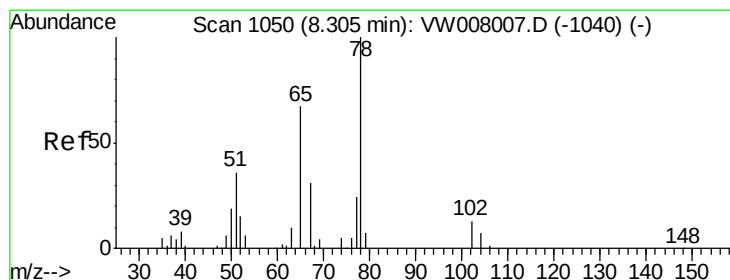
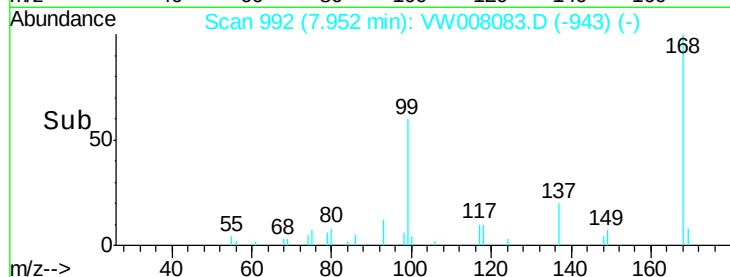
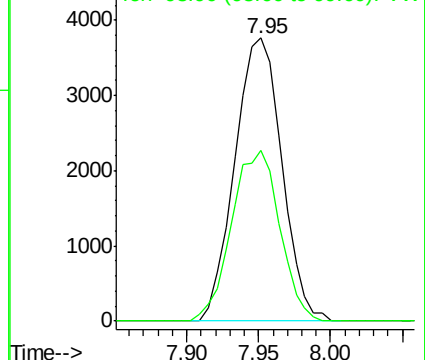
168 100

99 60.4 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 59.262 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008083.D

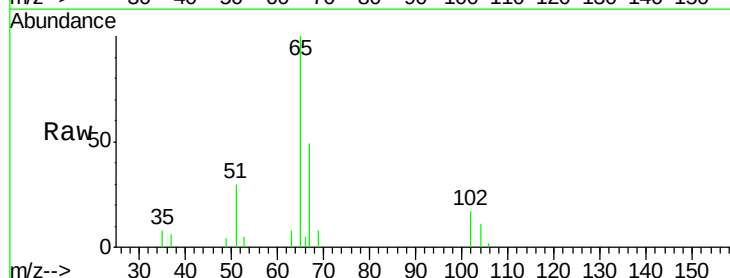
Acq: 07 Jan 2019 21:14

Tgt Ion: 65 Resp: 5601

Ion Ratio Lower Upper

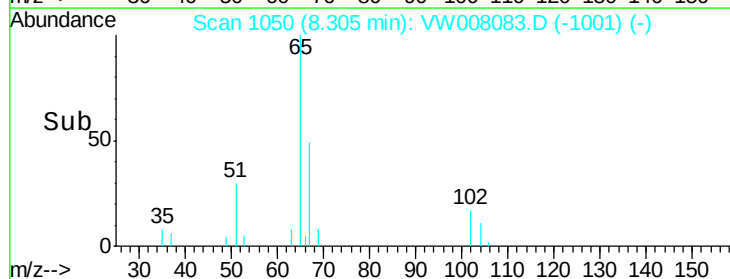
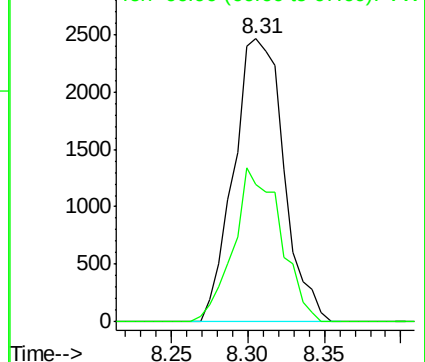
65 100

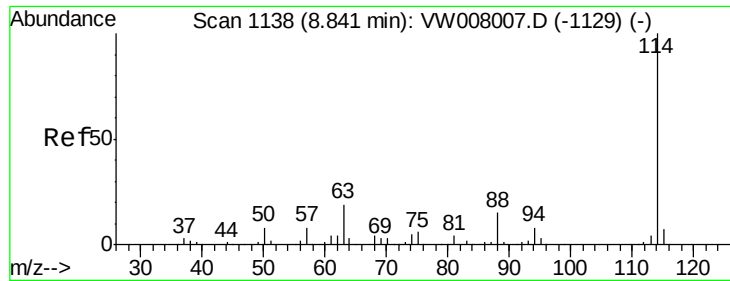
67 51.3 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

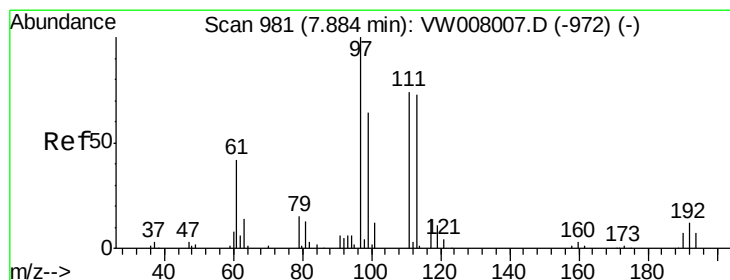
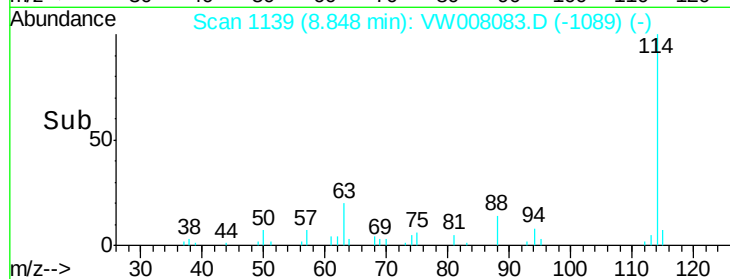
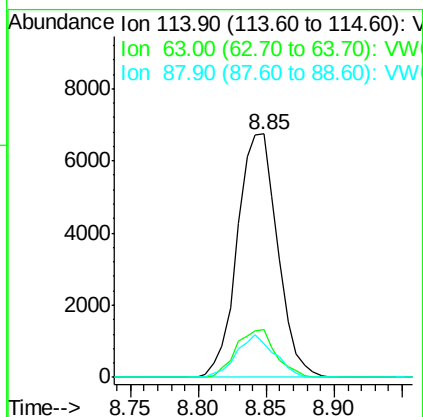
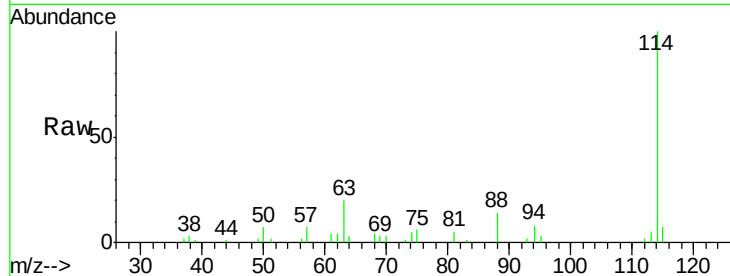




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.01 min  
 Lab File: VW008083.D  
 Acq: 07 Jan 2019 21:14

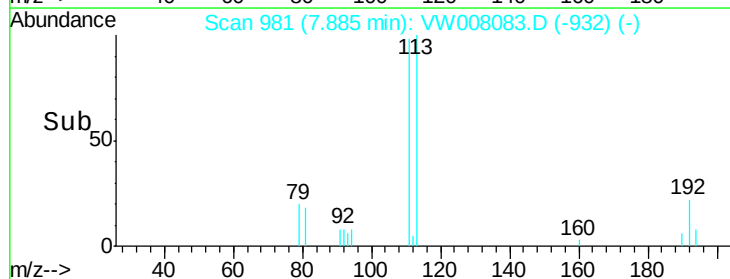
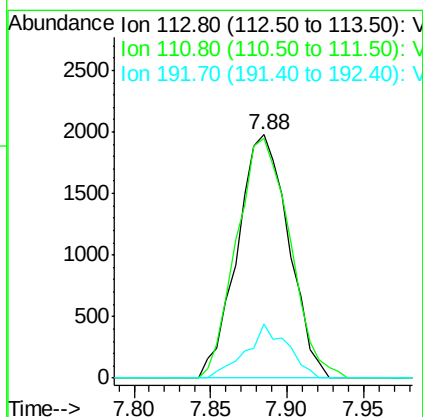
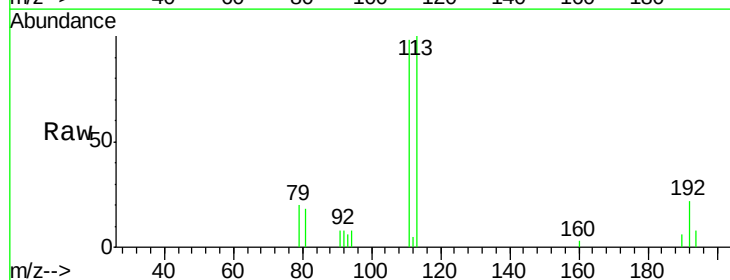
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BASIN-1

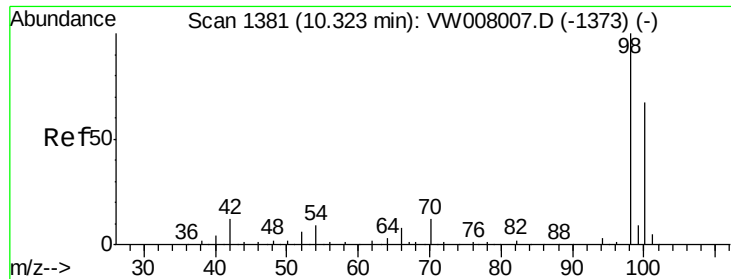
Tot Ion:114 Resp: 13973  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 37.8  
 88 13.6 0.0 31.0



#35  
 Dibromofluoromethane  
 Concen: 52.165 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VW008083.D  
 Acq: 07 Jan 2019 21:14

Tgt Ion:113 Resp: 4595  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 81.4 122.0  
 192 18.1 14.8 22.2

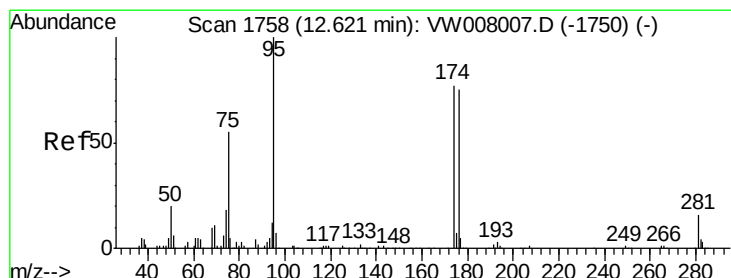
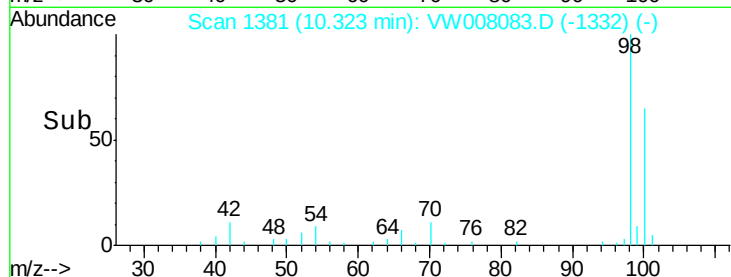
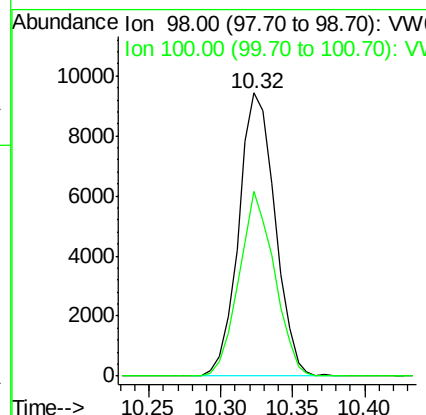
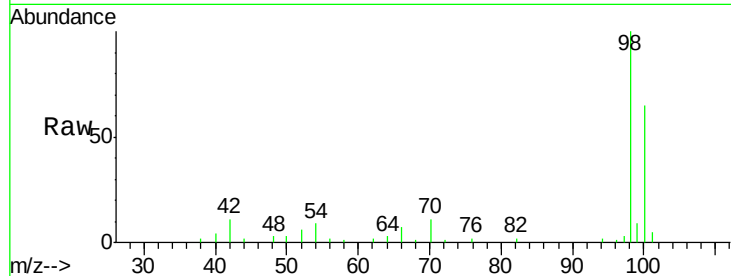




#50  
Toluene-d8  
Concen: 49.886 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW008083.D  
Acq: 07 Jan 2019 21:14

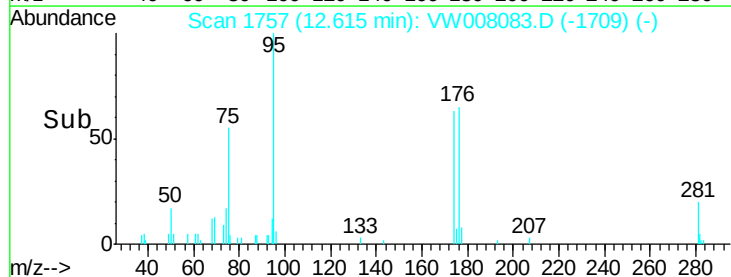
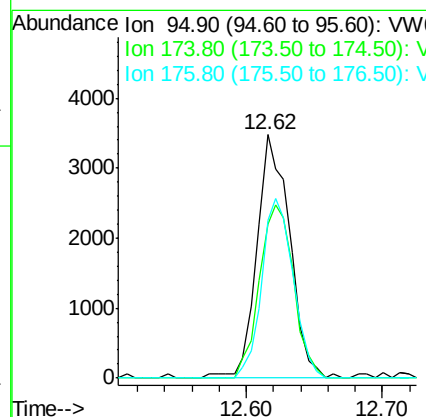
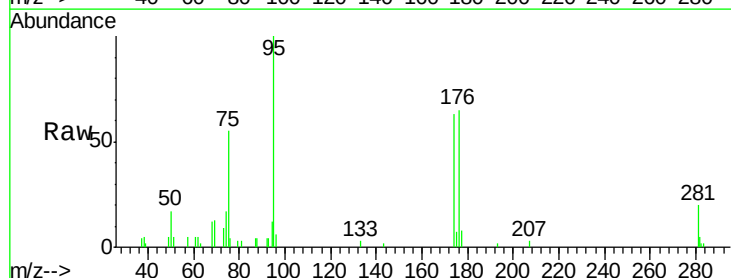
Instrument :  
MSVOA\_W  
ClientSampled :  
BASIN-1

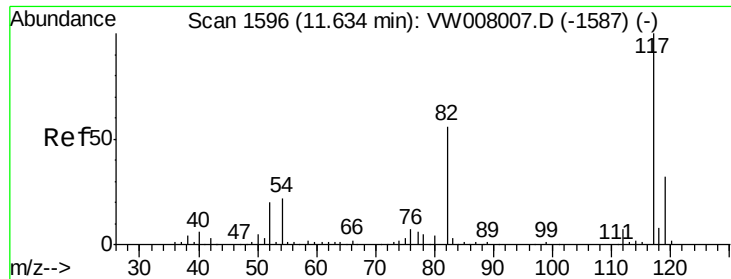
Tot Ion: 98 Resp: 16484  
Ion Ratio Lower Upper  
98 100  
100 63.6 52.9 79.3



#62  
4-Bromofluorobenzene  
Concen: 46.392 ug/l  
RT: 12.62 min Scan# 1757  
Delta R.T. -0.01 min  
Lab File: VW008083.D  
Acq: 07 Jan 2019 21:14

Tgt Ion: 95 Resp: 5879  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 149.6  
176 71.0 0.0 145.4

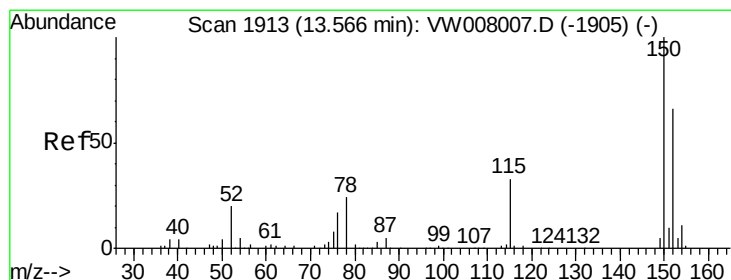
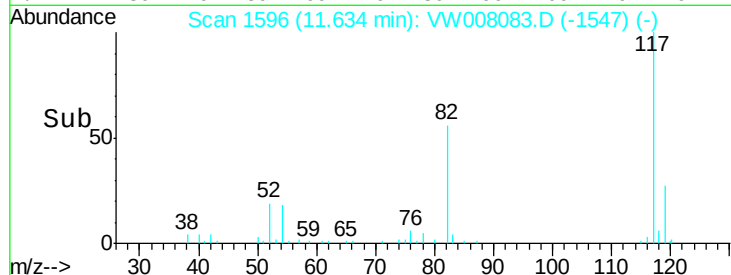
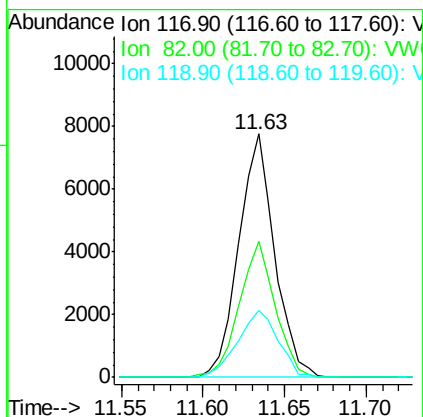
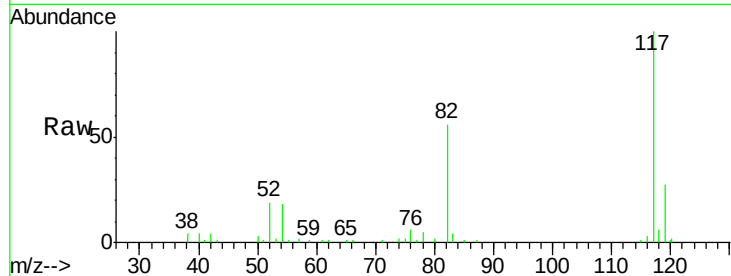




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008083.D  
Acq: 07 Jan 2019 21:14

Instrument :  
MSVOA\_W  
ClientSampled :  
BASIN-1

Tot Ion:117 Resp: 11884  
Ion Ratio Lower Upper  
117 100  
82 55.9 44.8 67.2  
119 27.4 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. -0.01 min  
Lab File: VW008083.D  
Acq: 07 Jan 2019 21:14

Tgt Ion:152 Resp: 5002  
Ion Ratio Lower Upper  
152 100  
115 66.5 32.1 96.5  
150 158.2 0.0 345.0

