

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\  
 Data File : VD065627.D  
 Acq On : 13 Apr 2020 20:07  
 Operator : VA/SY  
 Sample : L2230-11  
 Misc : 5.04G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-11

Quant Time: Apr 14 04:39:59 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D040920S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 10 01:39:58 2020  
 Response via : Initial Calibration

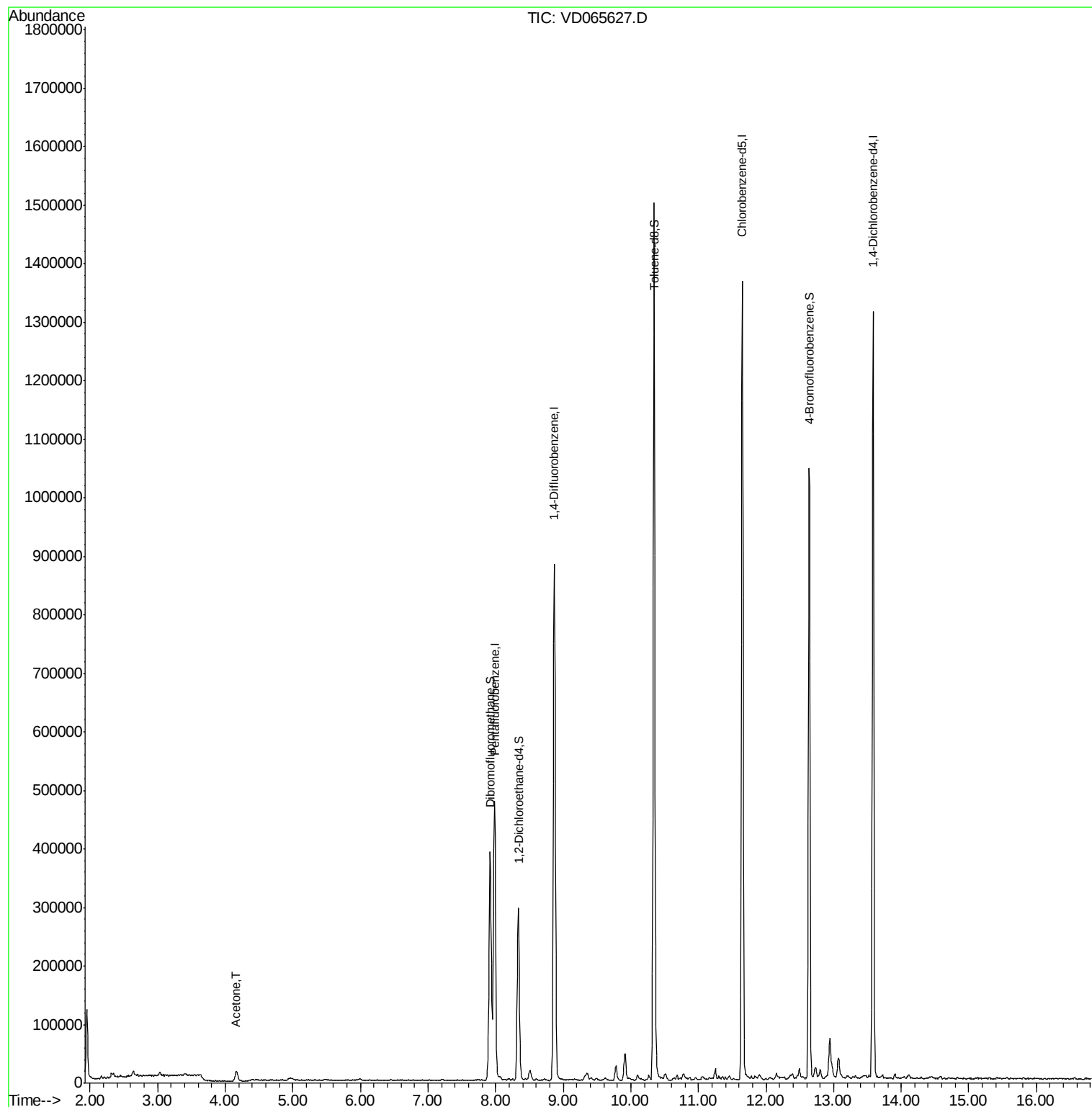
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.99  | 168  | 375741   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.87  | 114  | 772966   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.65 | 117  | 810163   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.58 | 152  | 361470   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 238407   | 67.09  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 134.18% |           |
| 35) Dibromofluoromethane    | 7.92  | 113  | 278525   | 51.58  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.16% |           |
| 50) Toluene-d8              | 10.34 | 98   | 1000378  | 50.73  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.46% |           |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 326358   | 51.50  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.00% |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 4.16  | 43   | 30481    | 47.501 | ug/l    | Qvalue 97 |

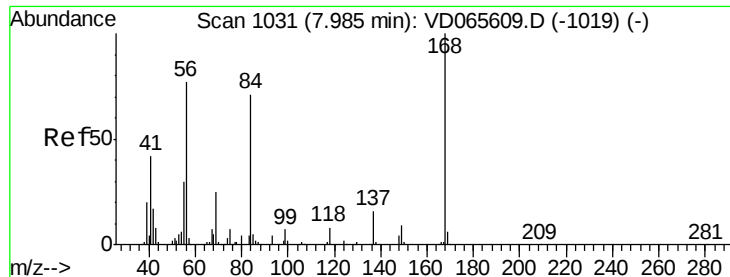
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041320\  
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Quant Time: Apr 14 04:39:59 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D040920S.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 10 01:39:58 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065627.D

Acq: 13 Apr 2020 20:07

Instrument :

MSVOA\_D

ClientSampleId :

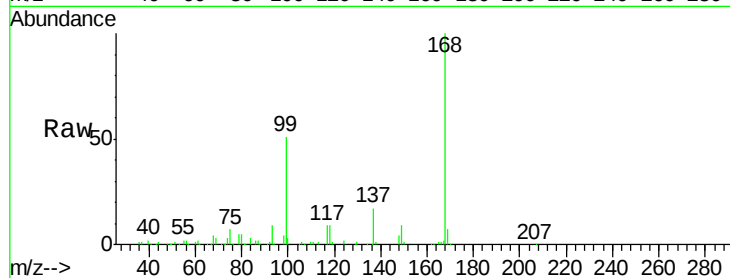
TP-11

Tot Ion:168 Resp: 375741

Ion Ratio Lower Upper

168 100

99 51.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

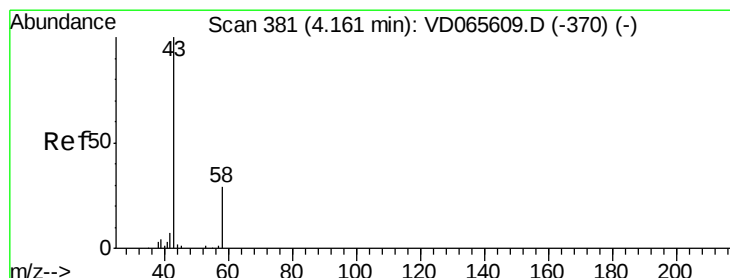
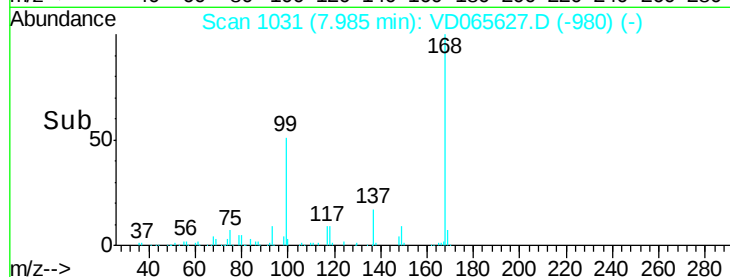
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 47.501 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065627.D

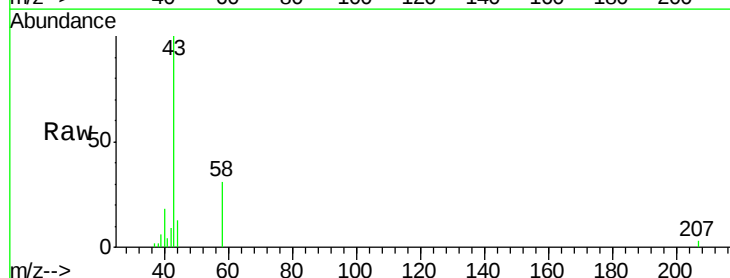
Acq: 13 Apr 2020 20:07

Tgt Ion: 43 Resp: 30481

Ion Ratio Lower Upper

43 100

58 30.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

12000

10000

8000

6000

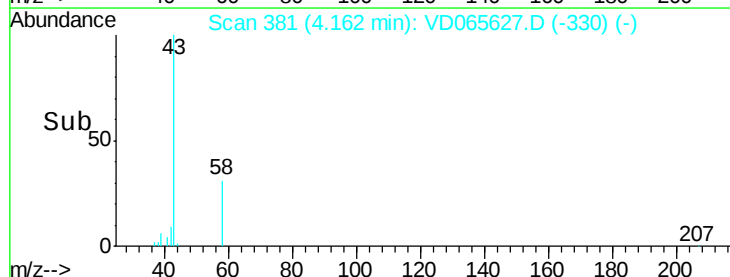
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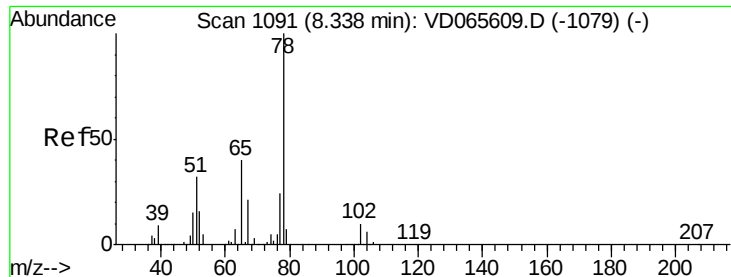
2000

0

Time-->

4.10 4.20 4.30

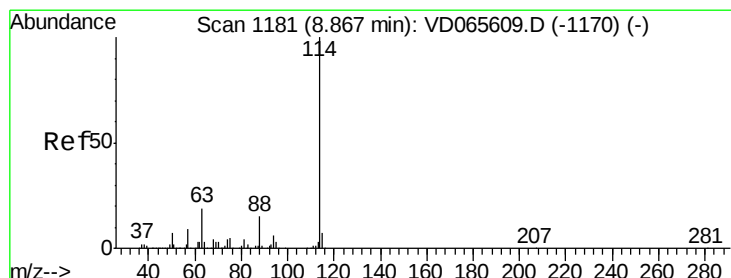
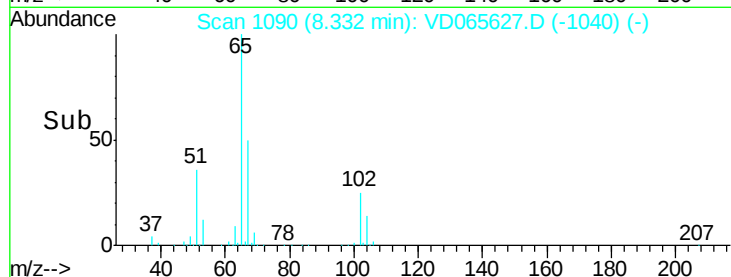
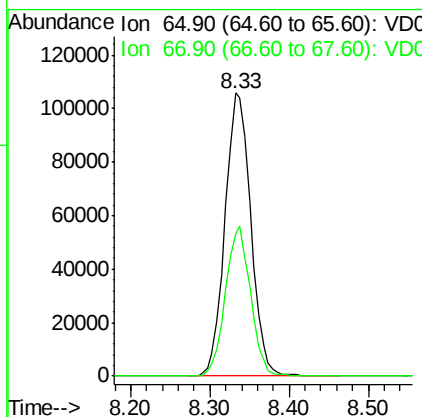
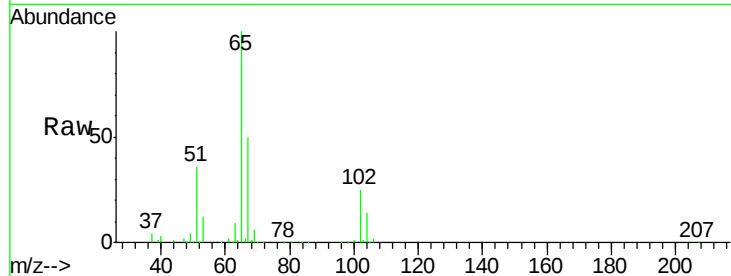




#33  
 1,2-Dichloroethane-d4  
 Concen: 67.089 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.01 min  
 Lab File: VD065627.D  
 Acq: 13 Apr 2020 20:07

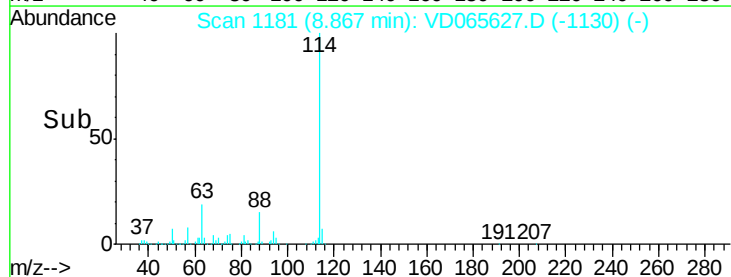
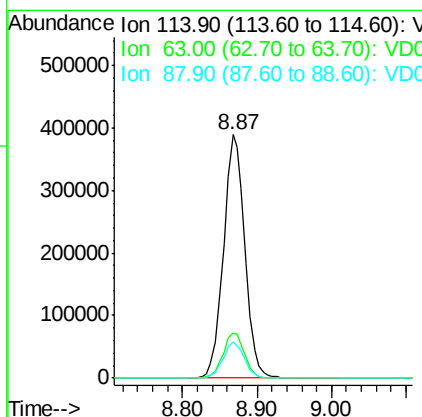
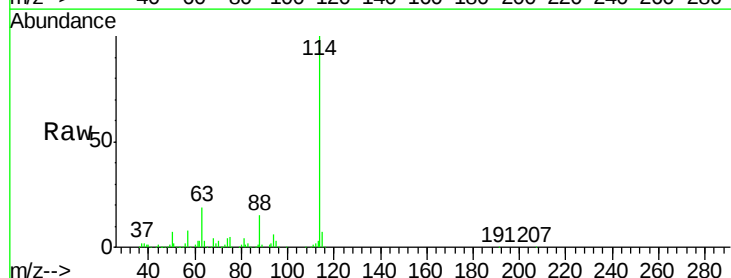
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-11

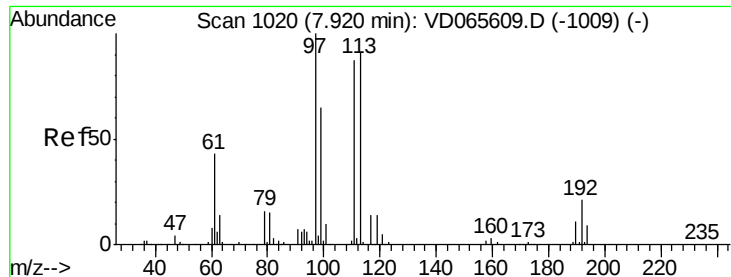
Tot Ion: 65 Resp: 238407  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 0.0 107.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. 0.00 min  
 Lab File: VD065627.D  
 Acq: 13 Apr 2020 20:07

Tgt Ion: 114 Resp: 772966  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 38.2  
 88 15.0 0.0 29.6

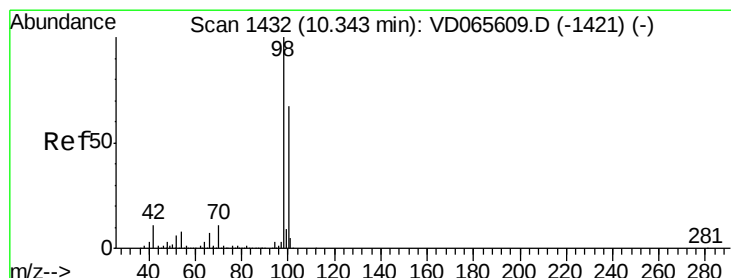
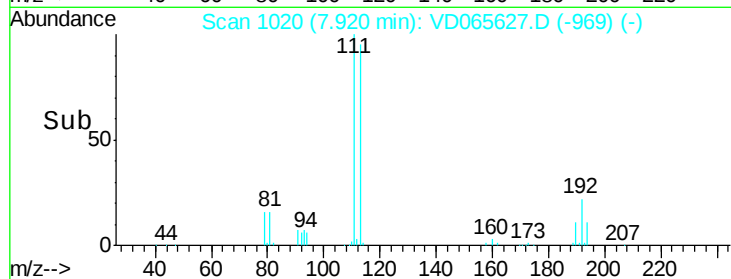
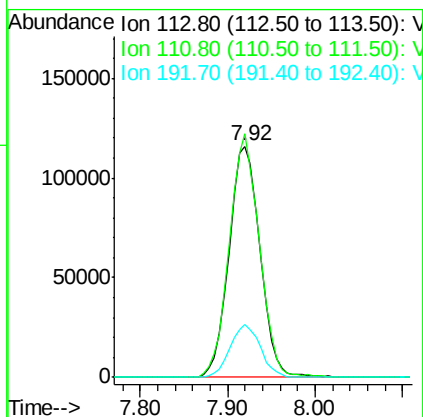
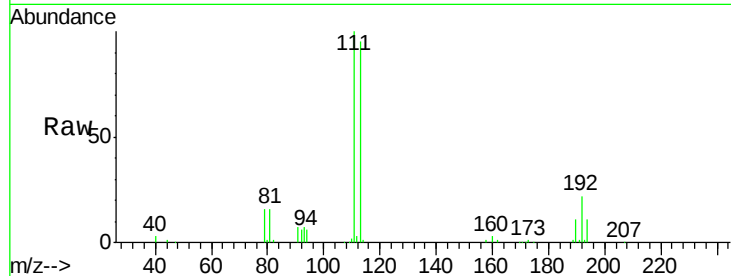




#35  
 Dibromofluoromethane  
 Concen: 51.577 ug/l  
 RT: 7.92 min Scan# 1020  
 Delta R.T. 0.00 min  
 Lab File: VD065627.D  
 Acq: 13 Apr 2020 20:07

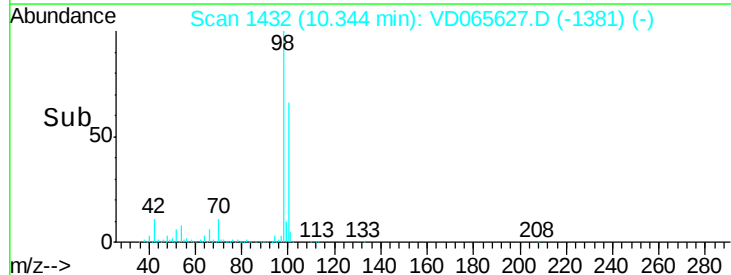
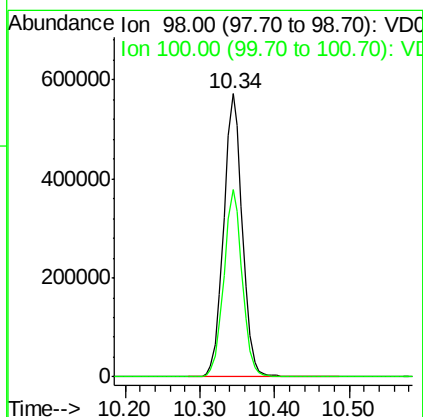
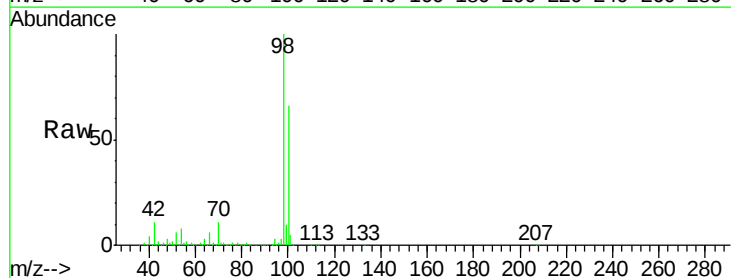
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-11

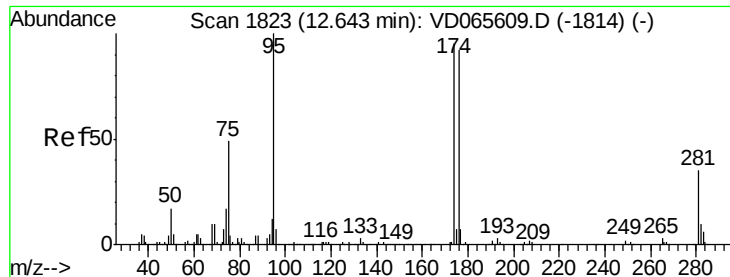
Tot Ion:113 Resp: 278525  
 Ion Ratio Lower Upper  
 113 100  
 111 102.4 80.6 120.8  
 192 22.3 18.6 27.8



#50  
 Toluene-d8  
 Concen: 50.729 ug/l  
 RT: 10.34 min Scan# 1432  
 Delta R.T. 0.00 min  
 Lab File: VD065627.D  
 Acq: 13 Apr 2020 20:07

Tgt Ion: 98 Resp: 1000378  
 Ion Ratio Lower Upper  
 98 100  
 100 65.1 52.6 79.0

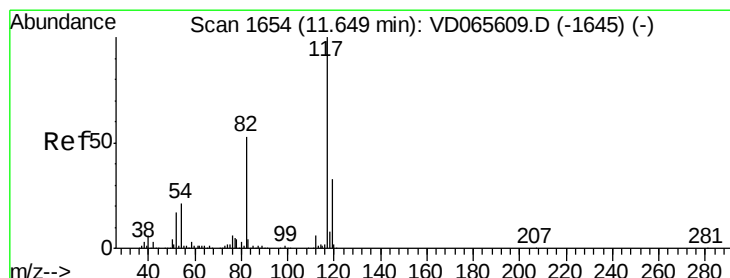
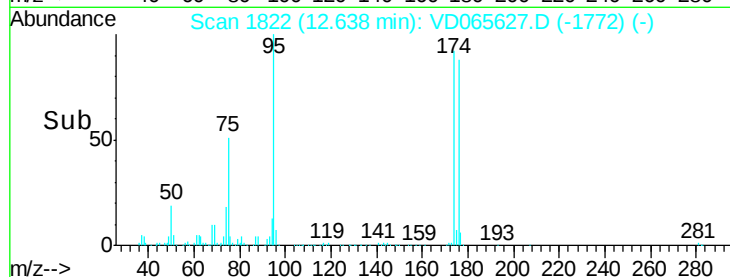
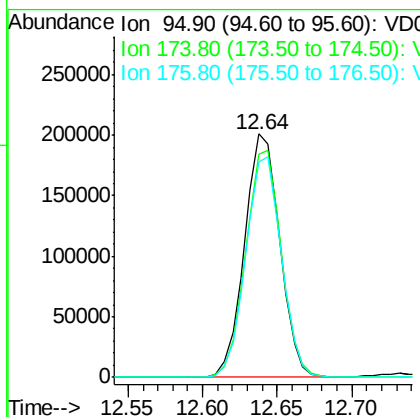
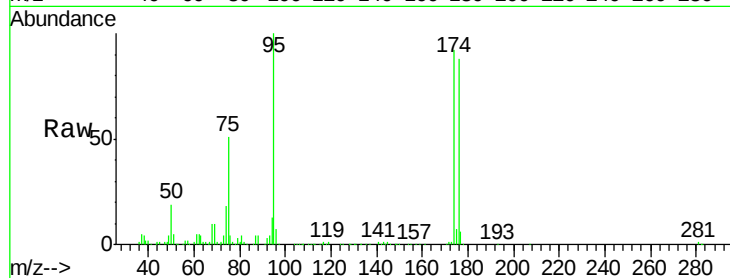




#62  
4-Bromofluorobenzene  
Concen: 51.502 ug/l  
RT: 12.64 min Scan# 1822  
Delta R.T. -0.01 min  
Lab File: VD065627.D  
Acq: 13 Apr 2020 20:07

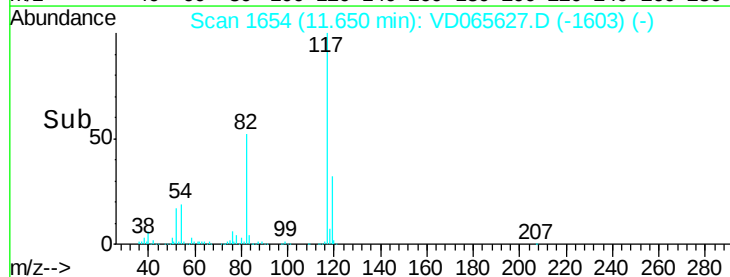
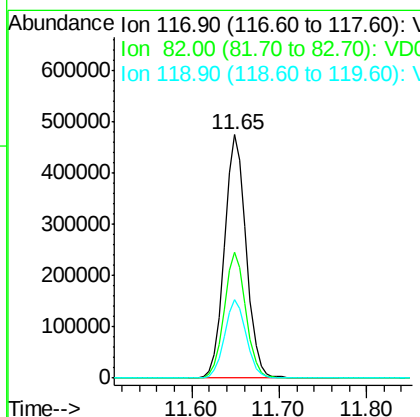
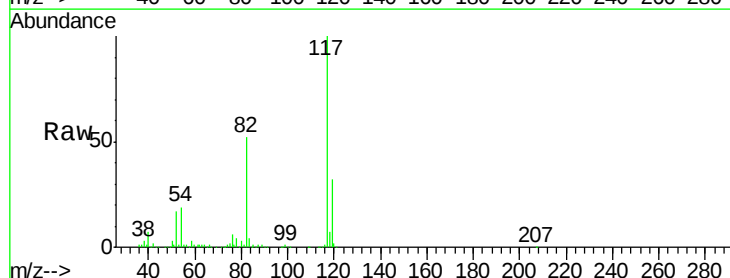
Instrument :  
MSVOA\_D  
ClientSampleId :  
TP-11

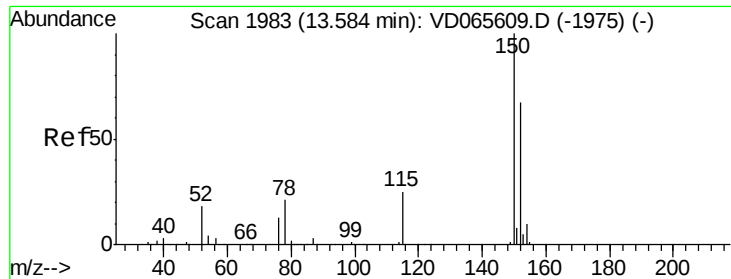
Tot Ion: 95 Resp: 326358  
Ion Ratio Lower Upper  
95 100  
174 94.7 0.0 182.8  
176 91.8 0.0 176.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. 0.00 min  
Lab File: VD065627.D  
Acq: 13 Apr 2020 20:07

Tgt Ion: 117 Resp: 810163  
Ion Ratio Lower Upper  
117 100  
82 51.8 42.6 64.0  
119 32.5 26.7 40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065627.D

Acq: 13 Apr 2020 20:07

Instrument :

MSVOA\_D

ClientSampleId :

TP-11

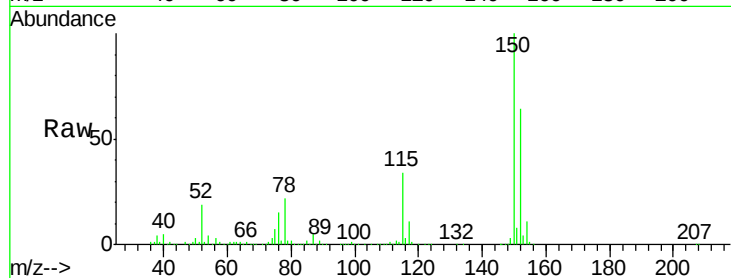
Tot Ion:152 Resp: 361470

Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.2

150 156.9 0.0 348.2



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

