

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110819\  
 Data File : VD064168.D  
 Acq On : 08 Nov 2019 21:37  
 Operator : VA/SY  
 Sample : K5758-01  
 Misc : 5.09G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 CO-1008

Quant Time: Nov 09 02:47:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 08 16:20:44 2019  
 Response via : Initial Calibration

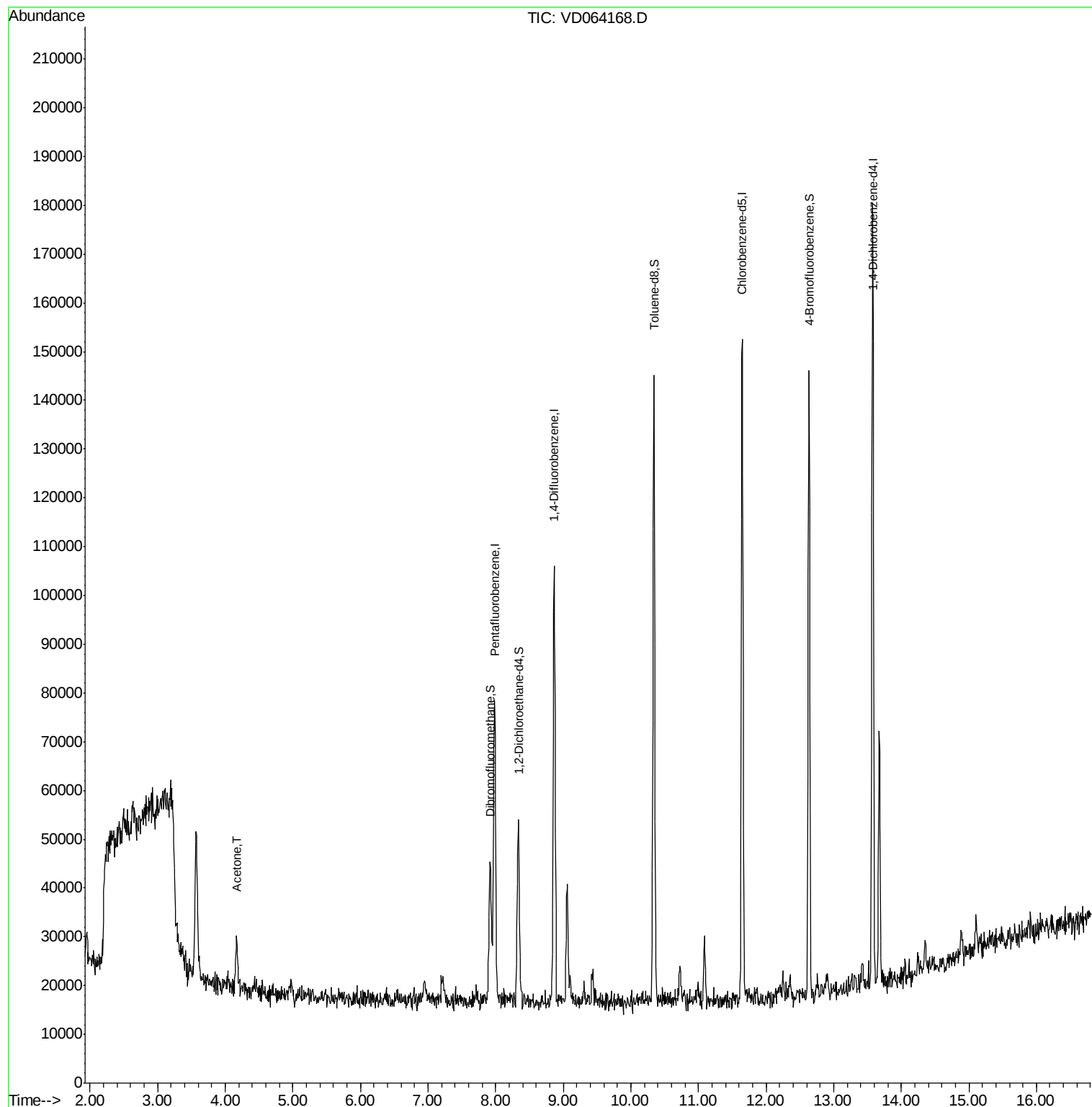
| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|---------|---------|-----------|
| 1) Pentafluorobenzene       | 7.98  | 168  | 47384    | 50.00   | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.87  | 114  | 73491    | 50.00   | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.65 | 117  | 76347    | 50.00   | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.58 | 152  | 44470    | 50.00   | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |         |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.34  | 65   | 29172    | 74.86   | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =       | 149.72% |           |
| 35) Dibromofluoromethane    | 7.93  | 113  | 20086    | 47.61   | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =       | 95.22%  |           |
| 50) Toluene-d8              | 10.34 | 98   | 88585    | 55.66   | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =       | 111.32% |           |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 39425    | 71.54   | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =       | 143.08% |           |
| Target Compounds            |       |      |          |         |         |           |
| 16) Acetone                 | 4.17  | 43   | 17523    | 189.804 | ug/l #  | Qvalue 82 |

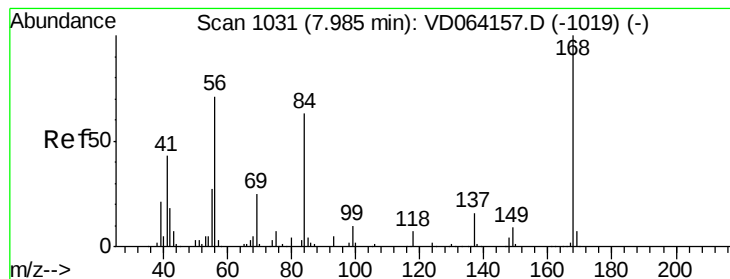
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110819\  
Data File : VD064168.D  
Acq On : 08 Nov 2019 21:37  
Operator : VA/SY  
Sample : K5758-01  
Misc : 5.09G/5.00ml/MSVOA D/SOIL  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
CO-1008

Quant Time: Nov 09 02:47:11 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D110819S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 08 16:20:44 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064168.D

Acq: 08 Nov 2019 21:37

Instrument :

MSVOA\_D

ClientSampleId :

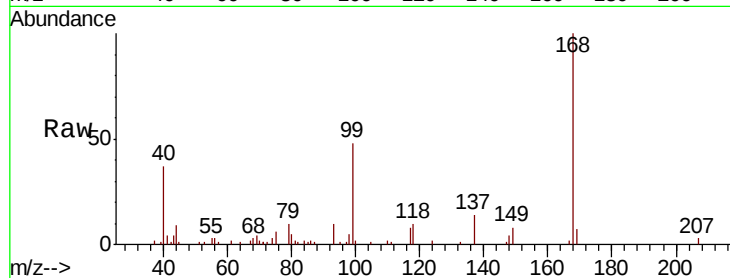
CO-1008

Tot Ion:168 Resp: 47384

Ion Ratio Lower Upper

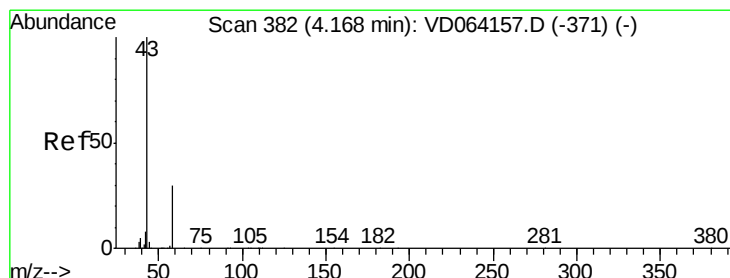
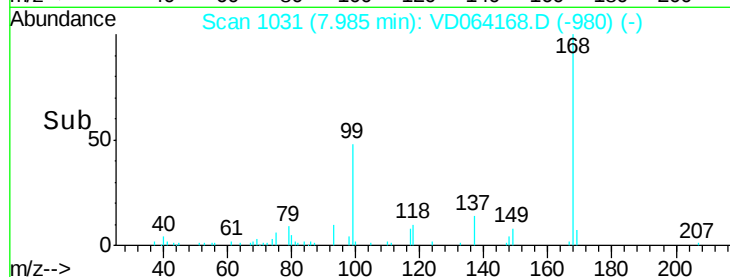
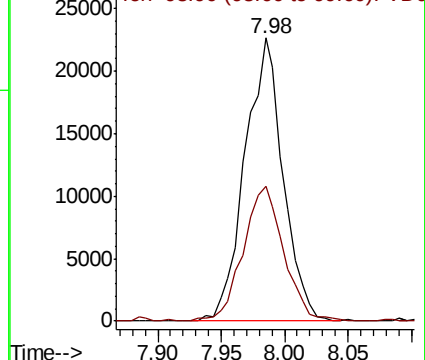
168 100

99 47.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 189.804 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064168.D

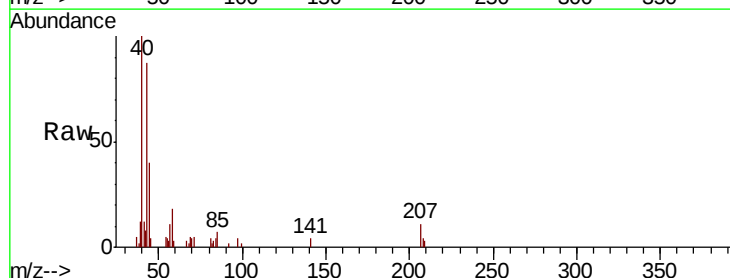
Acq: 08 Nov 2019 21:37

Tgt Ion: 43 Resp: 17523

Ion Ratio Lower Upper

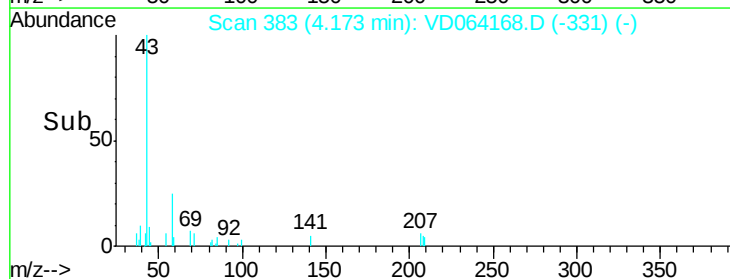
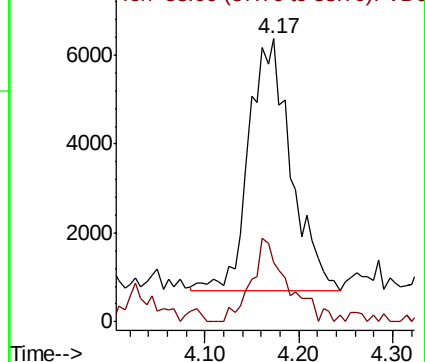
43 100

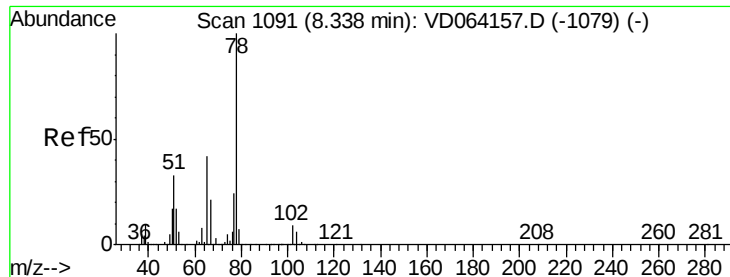
58 20.6 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

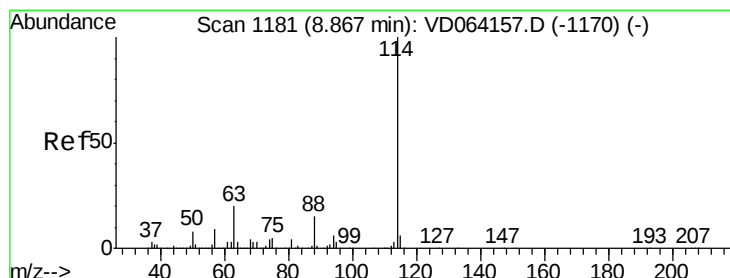
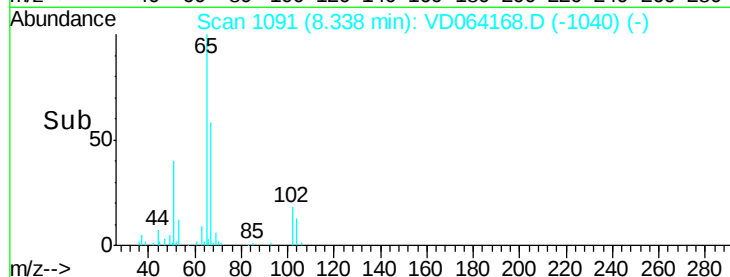
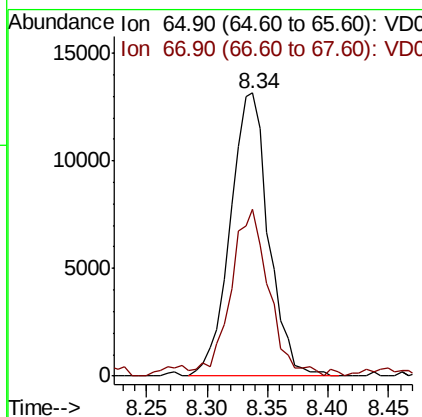
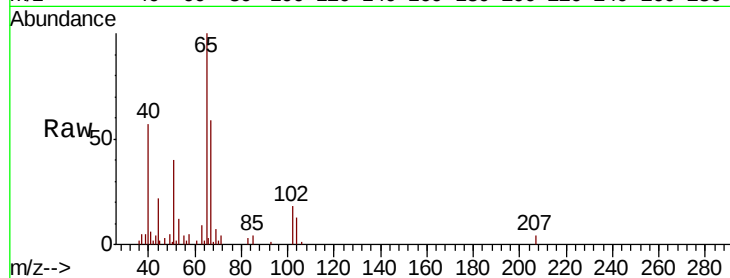




#33  
 1,2-Dichloroethane-d4  
 Concen: 74.857 ug/l  
 RT: 8.34 min Scan# 1091  
 Delta R.T. -0.00 min  
 Lab File: VD064168.D  
 Acq: 08 Nov 2019 21:37

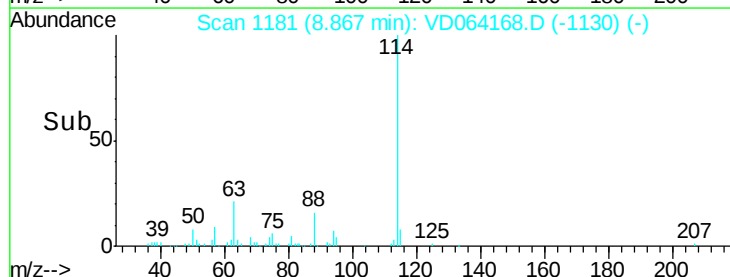
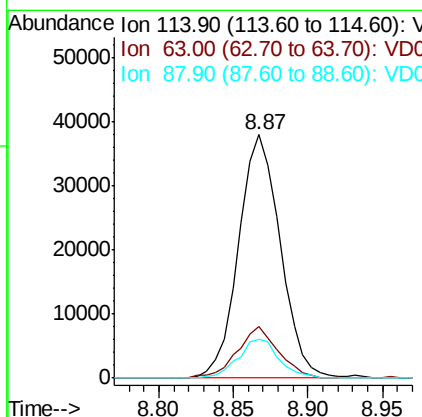
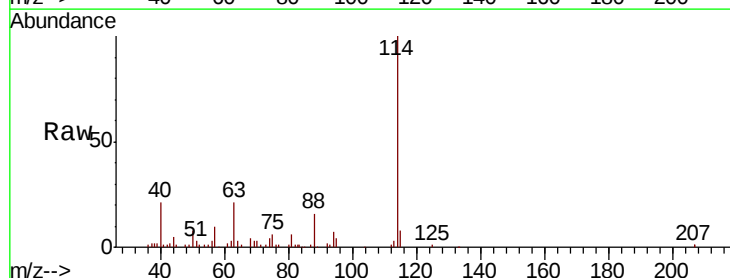
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 CO-1008

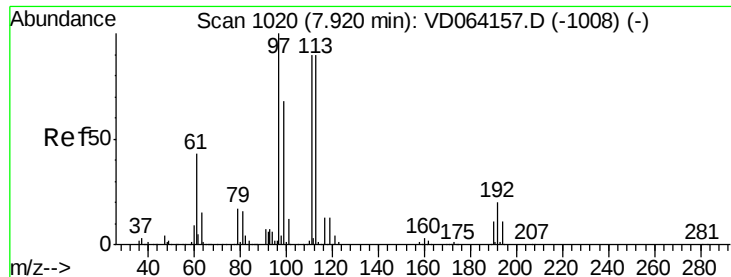
Tot Ion: 65 Resp: 29172  
 Ion Ratio Lower Upper  
 65 100  
 67 58.4 0.0 104.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: VD064168.D  
 Acq: 08 Nov 2019 21:37

Tgt Ion: 114 Resp: 73491  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 40.0  
 88 15.8 0.0 30.2

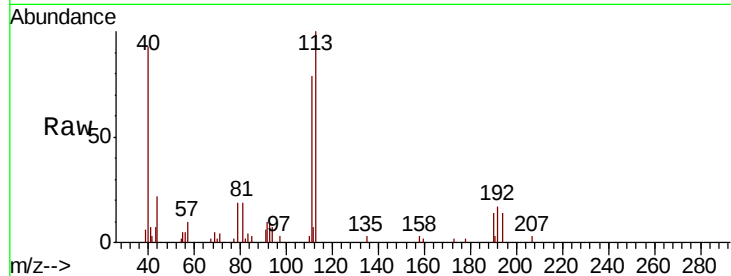




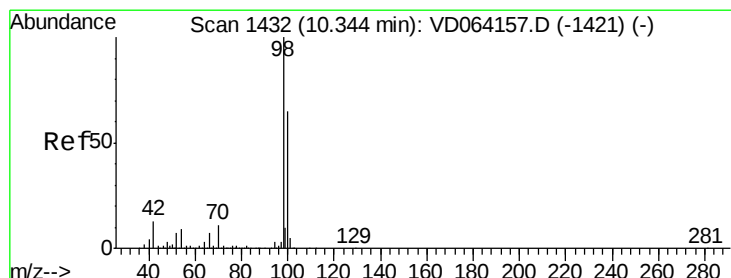
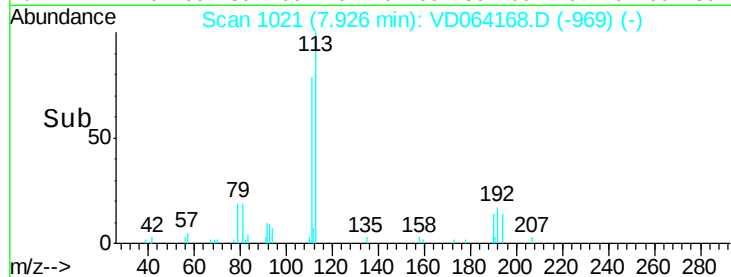
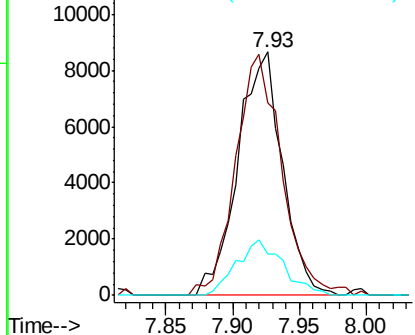
#35  
 Dibromofluoromethane  
 Concen: 47.614 ug/l  
 RT: 7.93 min Scan# 1021  
 Delta R.T. 0.01 min  
 Lab File: VD064168.D  
 Acq: 08 Nov 2019 21:37

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 CO-1008

Tot Ion:113 Resp: 20086  
 Ion Ratio Lower Upper  
 113 100  
 111 102.5 81.5 122.3  
 192 23.7 18.8 28.2

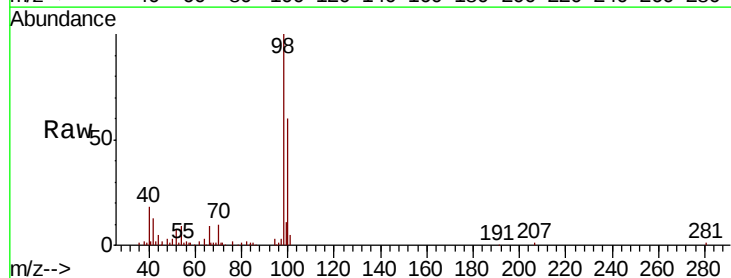


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

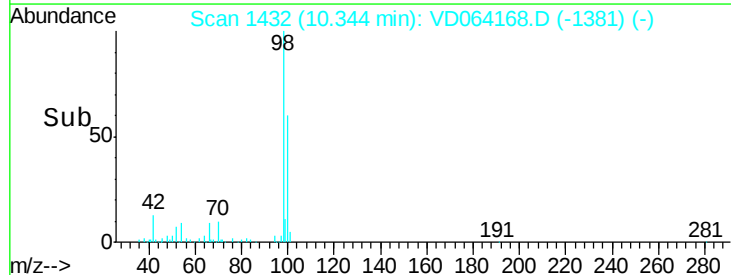
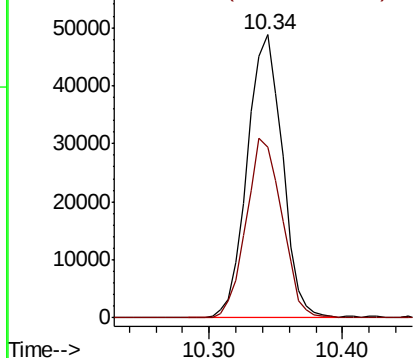


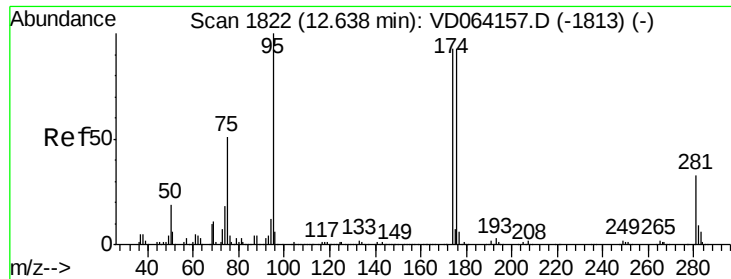
#50  
 Toluene-d8  
 Concen: 55.665 ug/l  
 RT: 10.34 min Scan# 1432  
 Delta R.T. -0.00 min  
 Lab File: VD064168.D  
 Acq: 08 Nov 2019 21:37

Tgt Ion: 98 Resp: 88585  
 Ion Ratio Lower Upper  
 98 100  
 100 64.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC  
 Ion 100.00 (99.70 to 100.70): VD

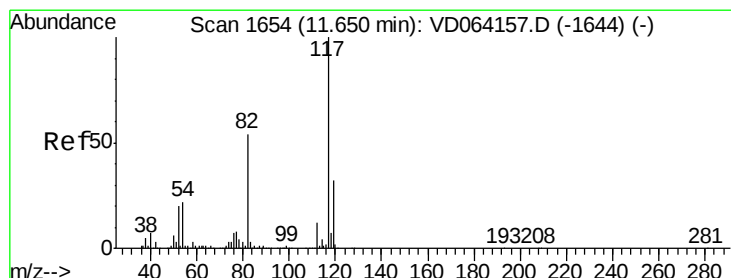
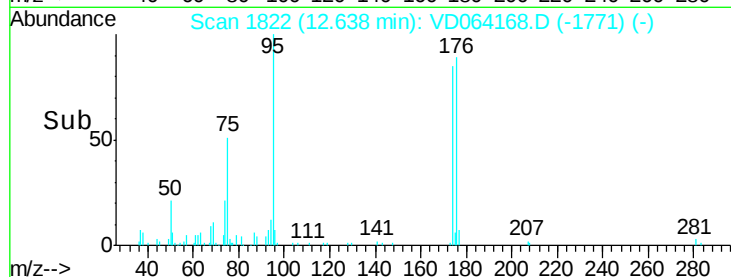
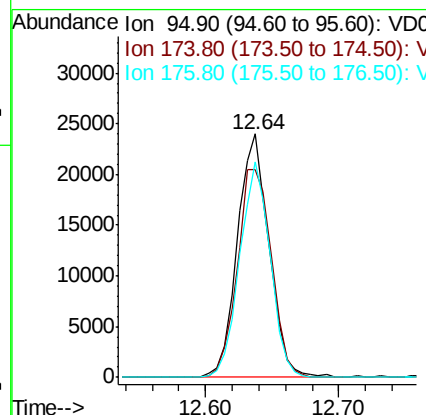
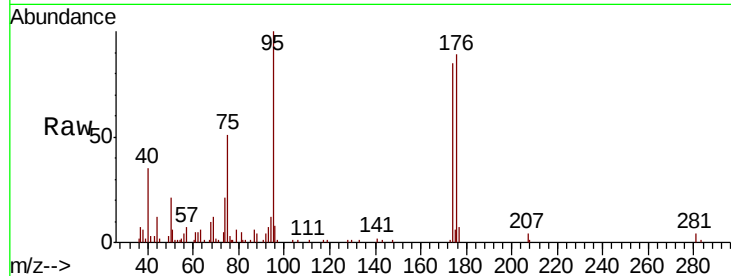




#62  
4-Bromofluorobenzene  
Concen: 71.537 ug/l  
RT: 12.64 min Scan# 1822  
Delta R.T. -0.00 min  
Lab File: VD064168.D  
Acq: 08 Nov 2019 21:37

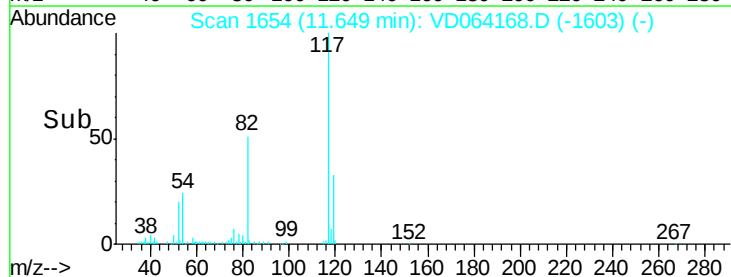
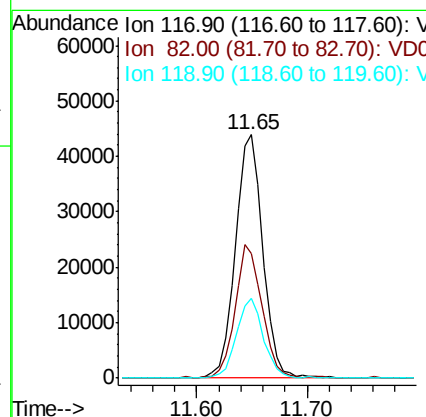
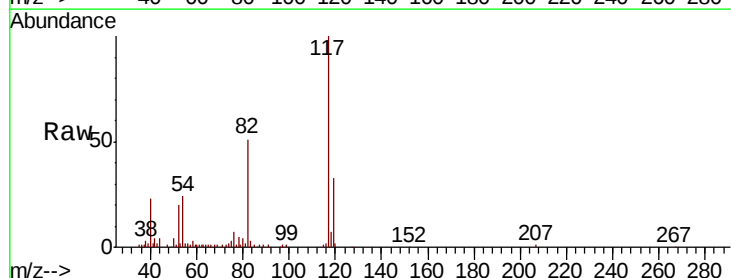
Instrument :  
MSVOA\_D  
ClientSampleId :  
CO-1008

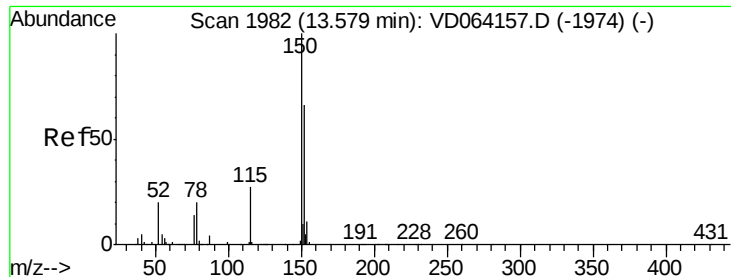
Tot Ion: 95 Resp: 39425  
Ion Ratio Lower Upper  
95 100  
174 91.8 0.0 183.6  
176 85.0 0.0 180.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.65 min Scan# 1654  
Delta R.T. -0.00 min  
Lab File: VD064168.D  
Acq: 08 Nov 2019 21:37

Tgt Ion: 117 Resp: 76347  
Ion Ratio Lower Upper  
117 100  
82 51.4 42.8 64.2  
119 32.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD064168.D

Acq: 08 Nov 2019 21:37

Instrument :

MSVOA\_D

ClientSampleId :

CO-1008

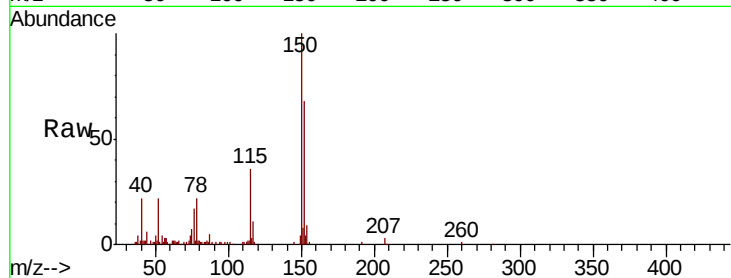
Tot Ion:152 Resp: 44470

Ion Ratio Lower Upper

152 100

115 56.2 27.4 82.2

150 149.6 0.0 351.6



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

