

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110722\  
 Data File : VD074783.D  
 Acq On : 08 Nov 2022 02:48  
 Operator : VA/SY  
 Sample : N5415-07  
 Misc : 5.02G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 R-20

Quant Time: Nov 08 03:07:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 03 02:30:45 2022  
 Response via : Initial Calibration

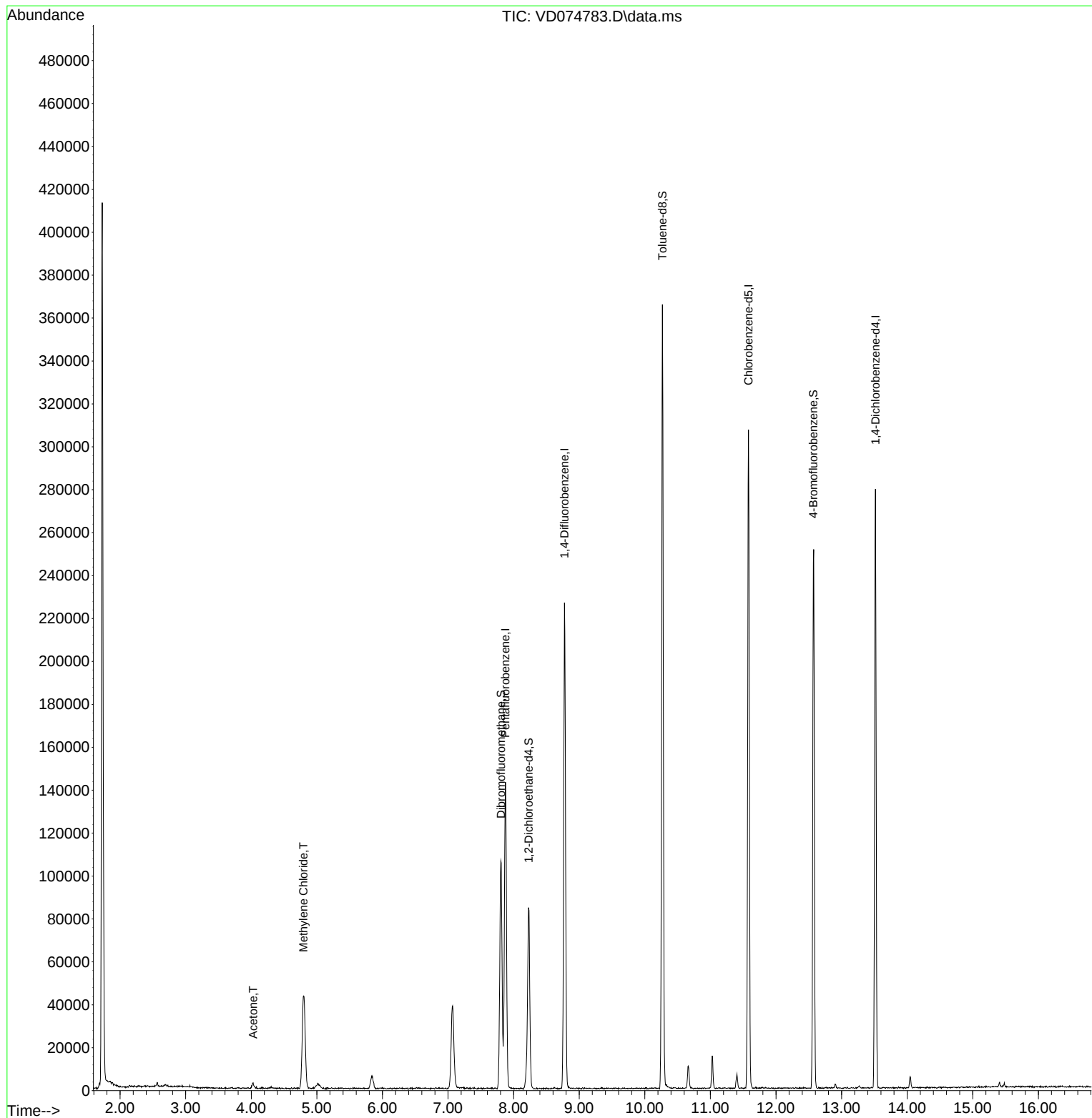
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.875  | 168   | 117161   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.775  | 114   | 212898   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.581 | 117   | 193846   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.516 | 152   | 80363    | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 65358    | 70.434   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 140.860% |
| 35) Dibromofluoromethane    | 7.811  | 113   | 80416    | 63.854   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 127.700% |
| 50) Toluene-d8              | 10.269 | 98    | 260210   | 56.643   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 113.280% |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 75430    | 56.869   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 113.740% |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 4.028  | 43    | 3688     | 19.045   | ug/l  | 95       |
| 20) Methylene Chloride      | 4.793  | 84    | 39494    | 16.472   | ug/l  | 94       |
| -----                       |        |       |          |          |       |          |

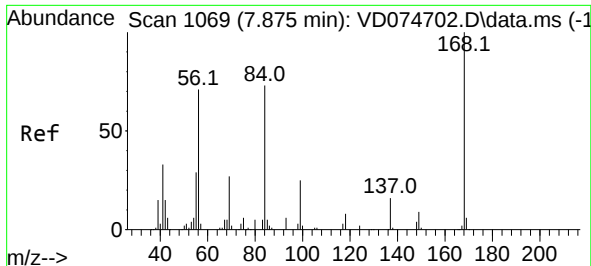
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110722\  
Data File : VD074783.D  
Acq On : 08 Nov 2022 02:48  
Operator : VA/SY  
Sample : N5415-07  
Misc : 5.02G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
R-20

Quant Time: Nov 08 03:07:51 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 03 02:30:45 2022  
Response via : Initial Calibration

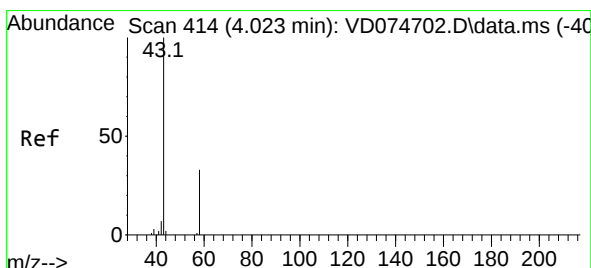
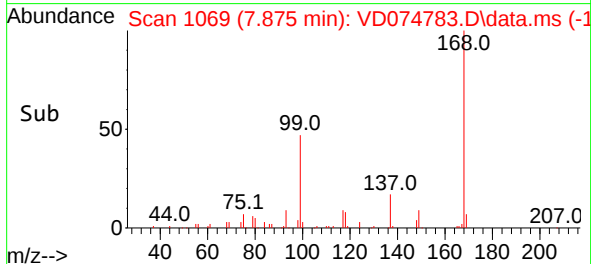
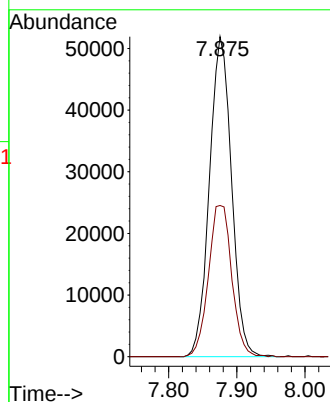
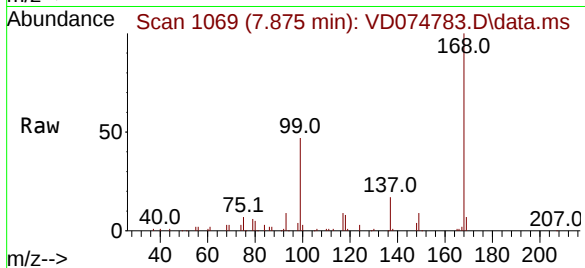




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD074783.D  
Acq: 08 Nov 2022 02:48

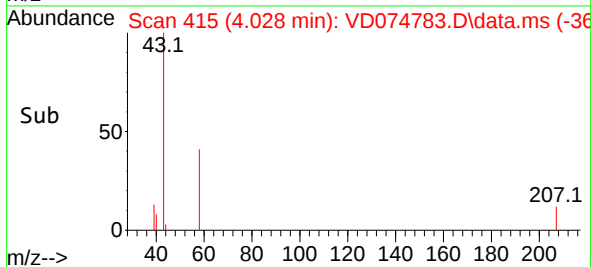
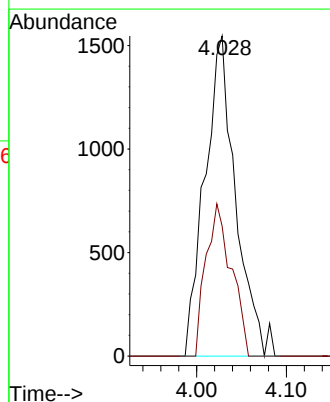
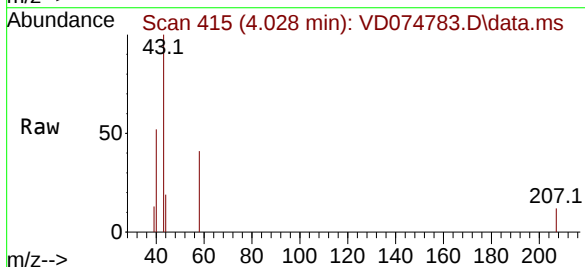
Instrument :  
MSVOA\_D  
ClientSampleId :  
R-20

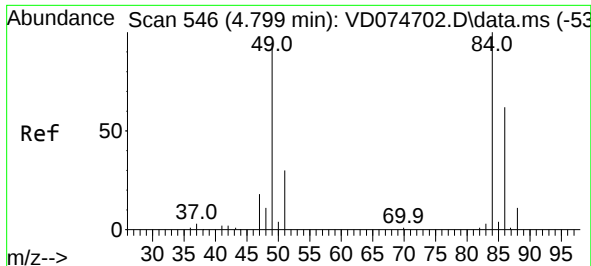
Tgt Ion:168 Resp: 117161  
Ion Ratio Lower Upper  
168 100  
99 47.2 40.9 61.3



#16  
Acetone  
Concen: 19.045 ug/l  
RT: 4.028 min Scan# 415  
Delta R.T. 0.005 min  
Lab File: VD074783.D  
Acq: 08 Nov 2022 02:48

Tgt Ion: 43 Resp: 3688  
Ion Ratio Lower Upper  
43 100  
58 40.6 30.2 45.2





#20

Methylene Chloride

Concen: 16.472 ug/l

RT: 4.793 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD074783.D

Acq: 08 Nov 2022 02:48

Instrument :

MSVOA\_D

ClientSampleId :

R-20

Tgt Ion: 84 Resp: 39494

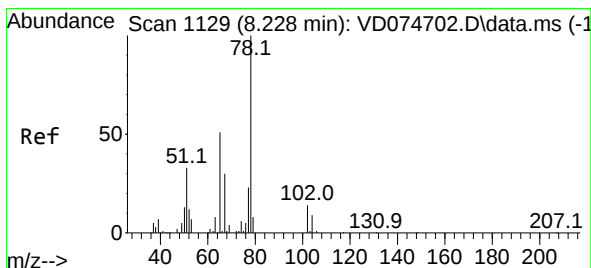
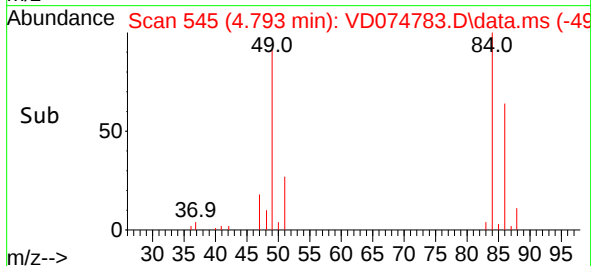
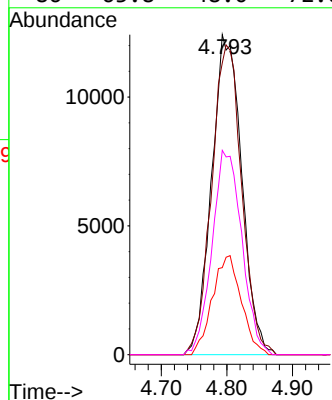
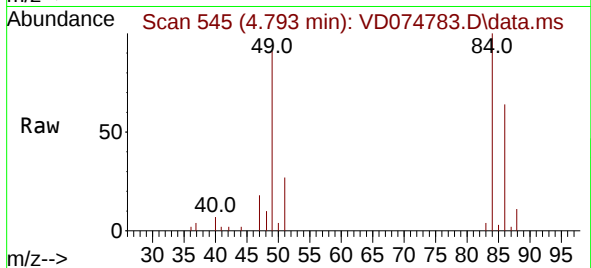
Ion Ratio Lower Upper

84 100

49 91.2 68.0 102.0

51 27.2 23.2 34.8

86 63.8 48.0 72.0



#33

1,2-Dichloroethane-d4

Concen: 70.434 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074783.D

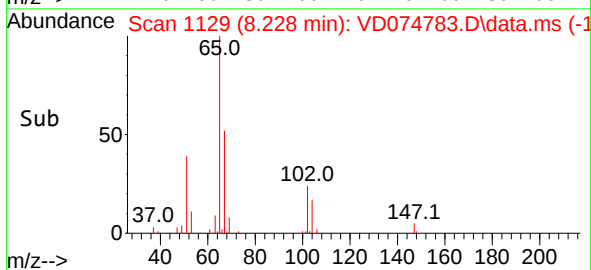
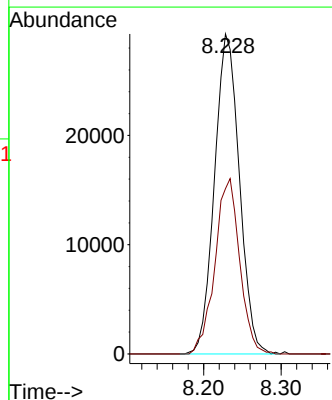
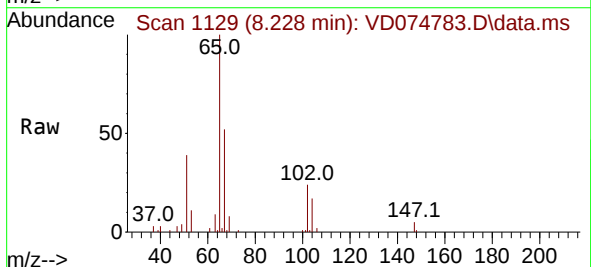
Acq: 08 Nov 2022 02:48

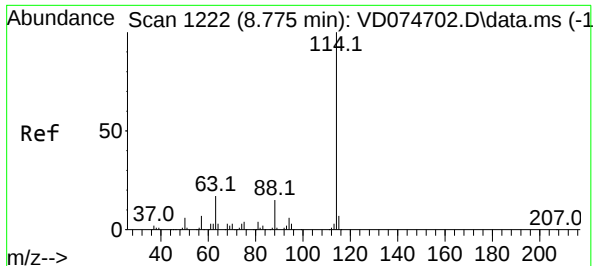
Tgt Ion: 65 Resp: 65358

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074783.D

Acq: 08 Nov 2022 02:48

Instrument :

MSVOA\_D

ClientSampleId :

R-20

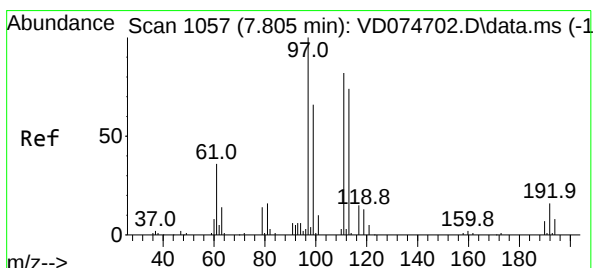
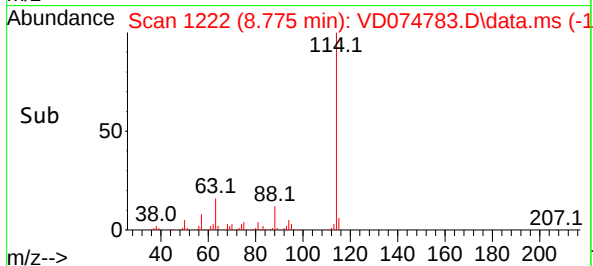
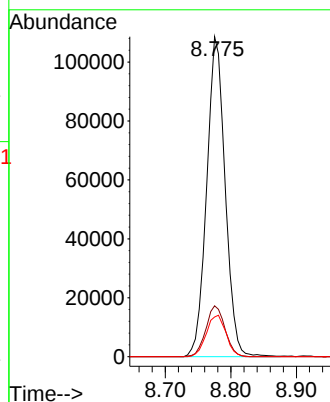
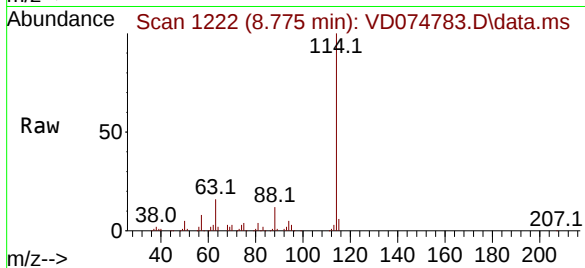
Tgt Ion:114 Resp: 212898

Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 12.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 63.854 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074783.D

Acq: 08 Nov 2022 02:48

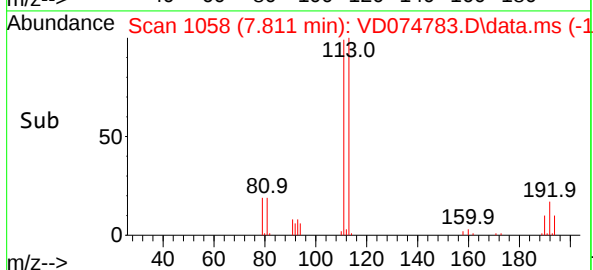
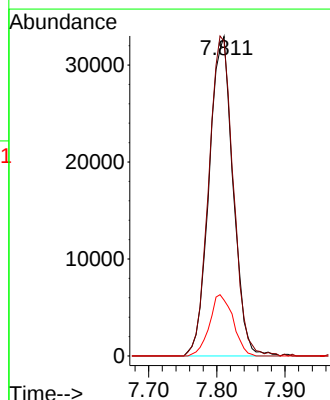
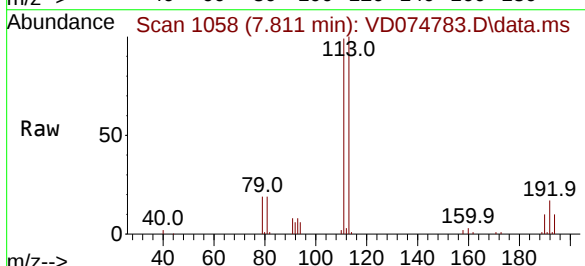
Tgt Ion:113 Resp: 80416

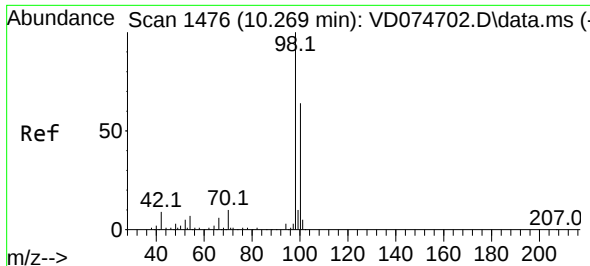
Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 18.9 16.4 24.6

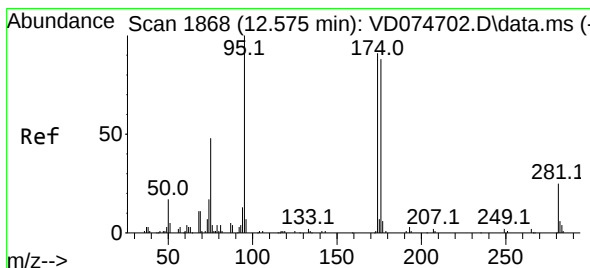
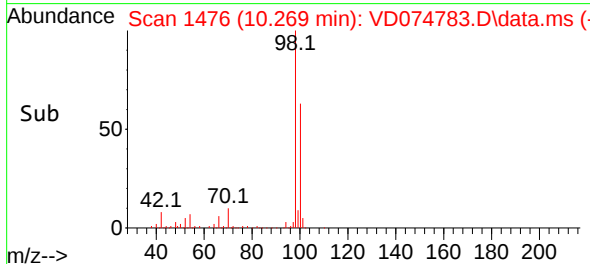
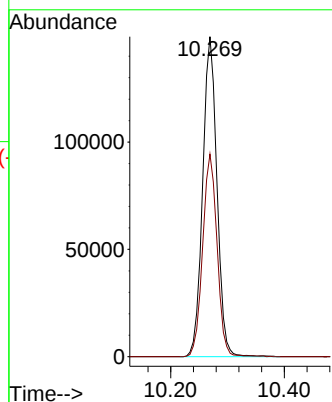
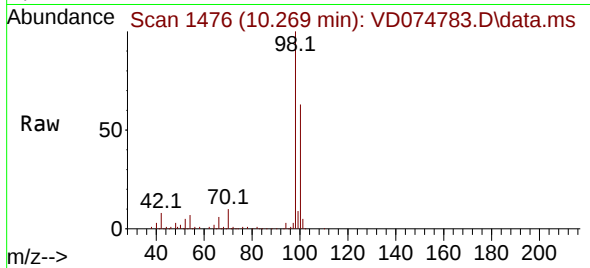




#50  
Toluene-d8  
Concen: 56.643 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD074783.D  
Acq: 08 Nov 2022 02:48

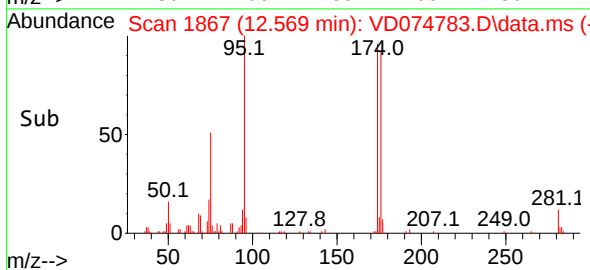
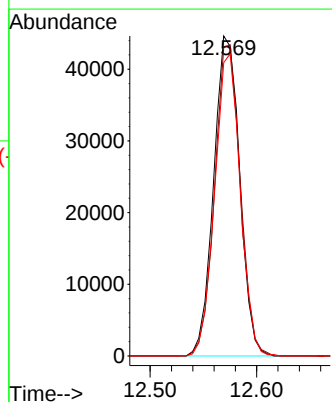
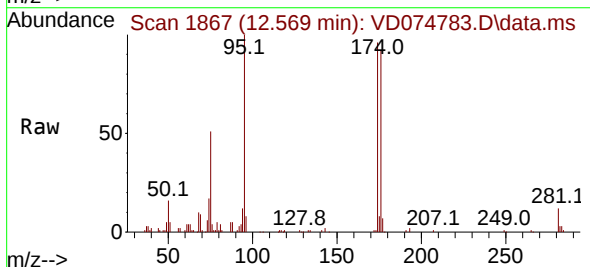
Instrument :  
MSVOA\_D  
ClientSampleId :  
R-20

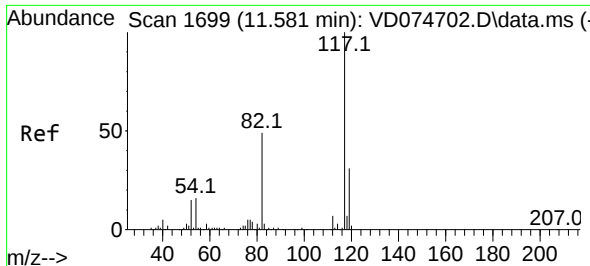
Tgt Ion: 98 Resp: 260210  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 56.869 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VD074783.D  
Acq: 08 Nov 2022 02:48

Tgt Ion: 95 Resp: 75430  
Ion Ratio Lower Upper  
95 100  
174 96.1 0.0 197.0  
176 92.8 0.0 182.6

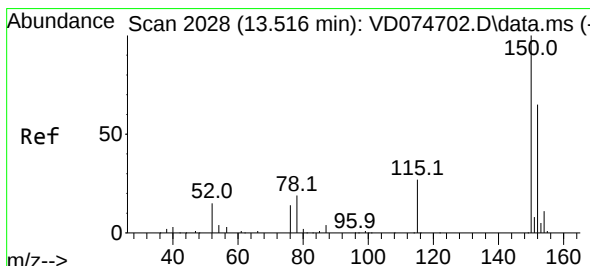
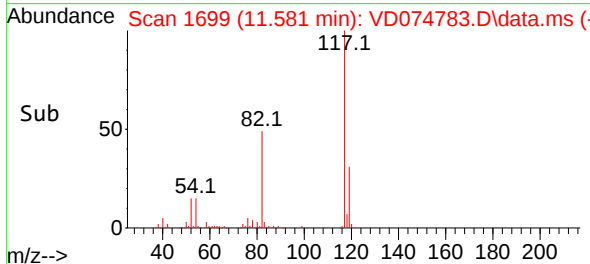
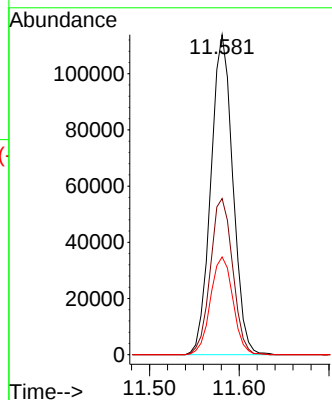
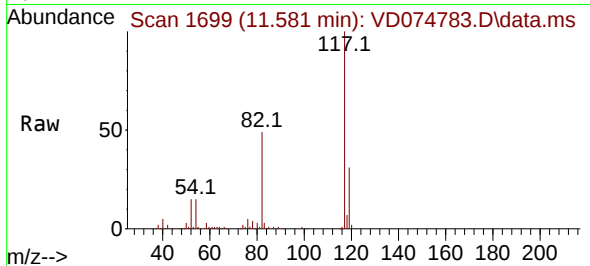




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074783.D  
Acq: 08 Nov 2022 02:48

Instrument :  
MSVOA\_D  
ClientSampleId :  
R-20

Tgt Ion:117 Resp: 193846  
Ion Ratio Lower Upper  
117 100  
82 48.8 41.6 62.4  
119 30.6 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: VD074783.D  
Acq: 08 Nov 2022 02:48

Tgt Ion:152 Resp: 80363  
Ion Ratio Lower Upper  
152 100  
115 55.1 26.8 80.4  
150 158.6 0.0 348.2

