

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040822\  
 Data File : VD072566.D  
 Acq On : 08 Apr 2022 18:22  
 Operator : VA/SY  
 Sample : N2317-19  
 Misc : 5.07G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP1-B

Quant Time: Apr 09 00:37:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 02:44:36 2022  
 Response via : Initial Calibration

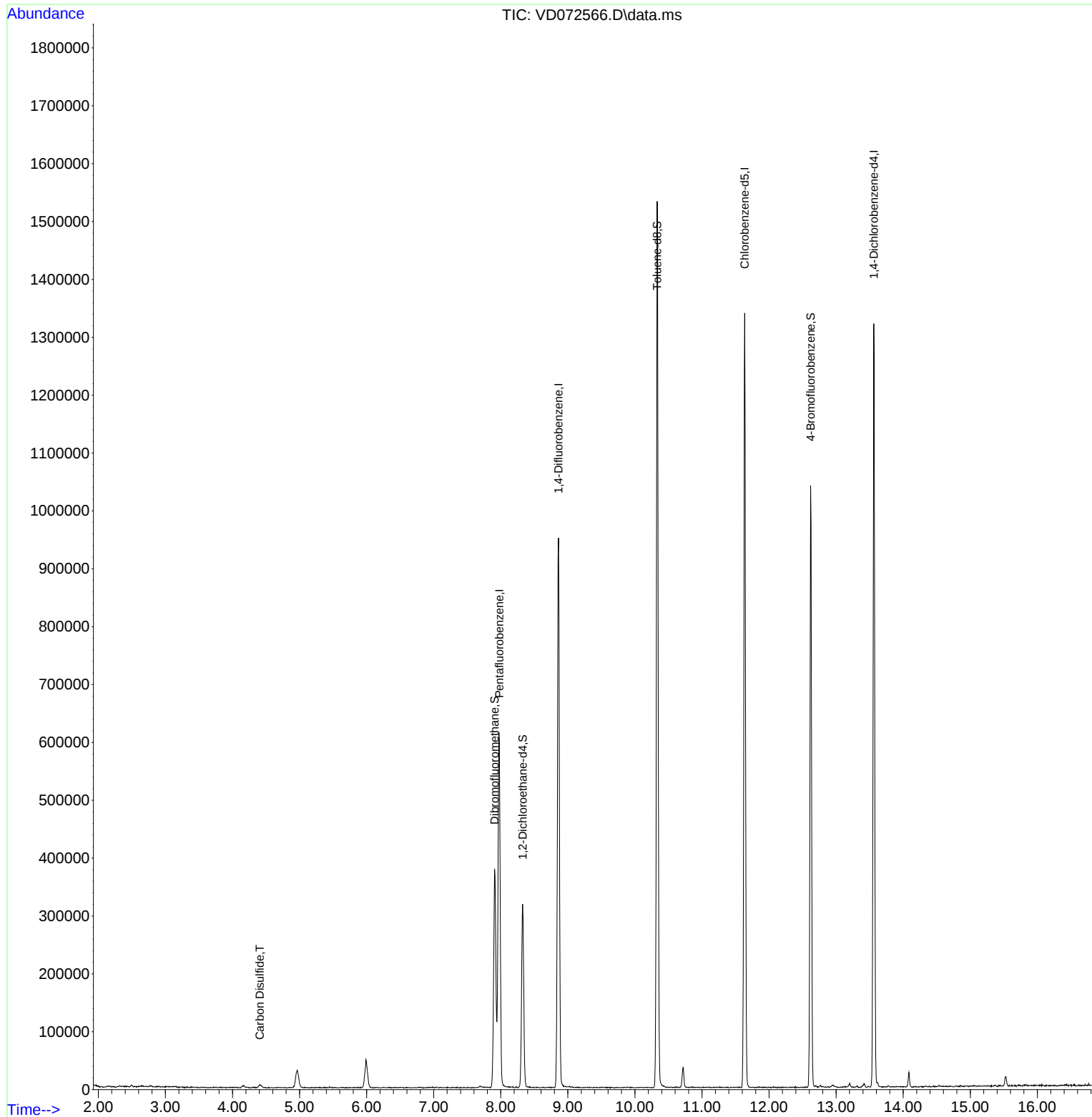
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.979  | 168   | 451606   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 836842   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 778522   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 347605   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 255031   | 46.683   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 93.360%   |
| 35) Dibromofluoromethane    | 7.908  | 113   | 269832   | 41.491   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 82.980%   |
| 50) Toluene-d8              | 10.332 | 98    | 1014983  | 44.898   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 89.800%   |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 325960   | 36.920   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 73.840%   |
| Target Compounds            |        |       |          |          |       |           |
| 17) Carbon Disulfide        | 4.409  | 76    | 10461    | 4.730    | ug/l  | Qvalue 99 |
| -----                       |        |       |          |          |       |           |

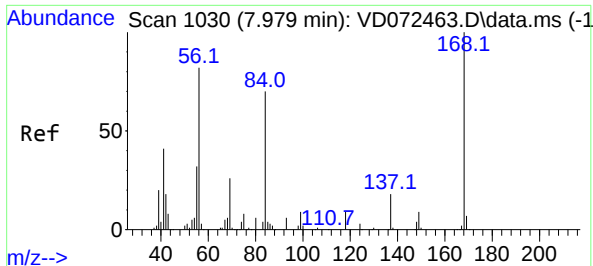
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD040822\  
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Instrument :  
MSVOA\_D  
ClientSampleId :  
TP1-B

Quant Time: Apr 09 00:37:22 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D032922S.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 30 02:44:36 2022  
Response via : Initial Calibration

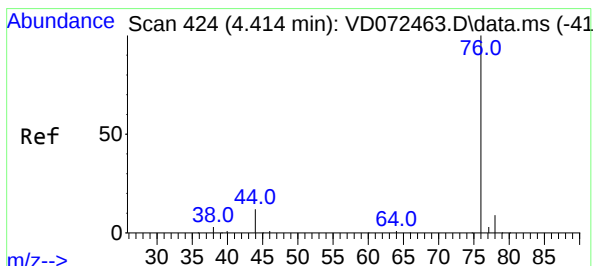
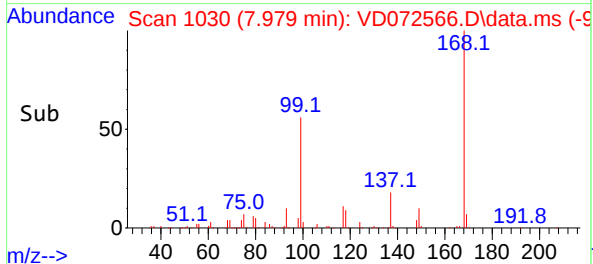
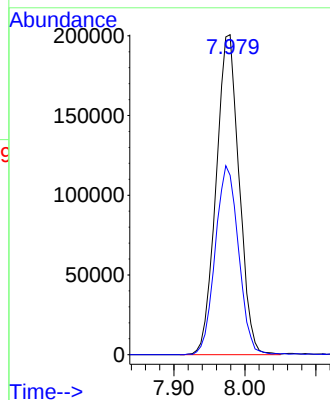
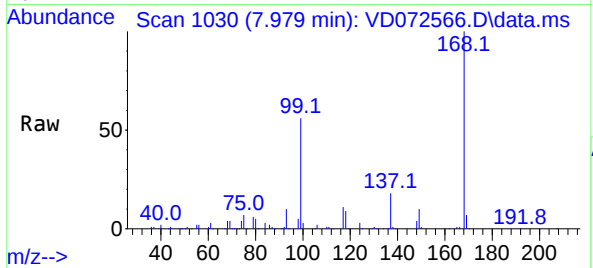




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: VD072566.D  
Acq: 08 Apr 2022 18:22

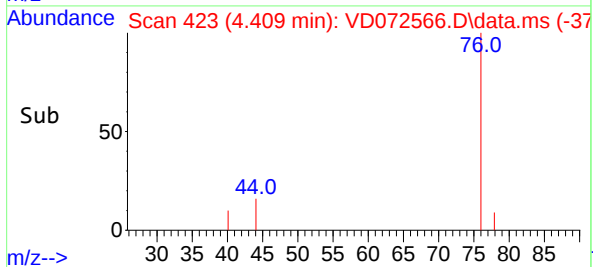
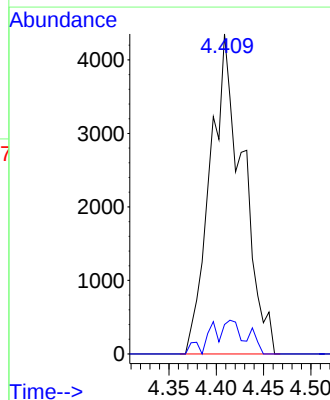
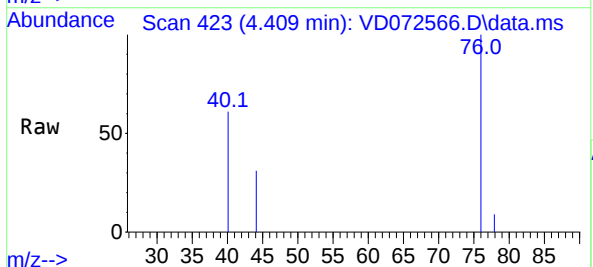
Instrument :  
MSVOA\_D  
ClientSampleId :  
TP1-B

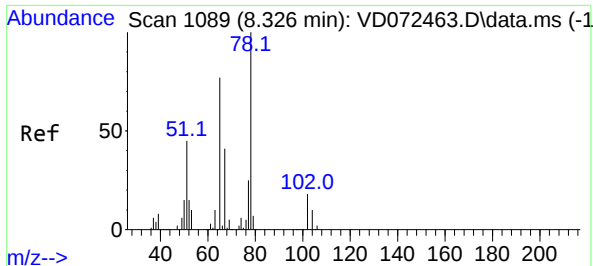
Tgt Ion:168 Resp: 451606  
Ion Ratio Lower Upper  
168 100  
99 56.0 49.8 74.6



#17  
Carbon Disulfide  
Concen: 4.730 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.005 min  
Lab File: VD072566.D  
Acq: 08 Apr 2022 18:22

Tgt Ion: 76 Resp: 10461  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3





#33

1,2-Dichloroethane-d4

Concen: 46.683 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072566.D

Acq: 08 Apr 2022 18:22

Instrument :

MSVOA\_D

ClientSampleId :

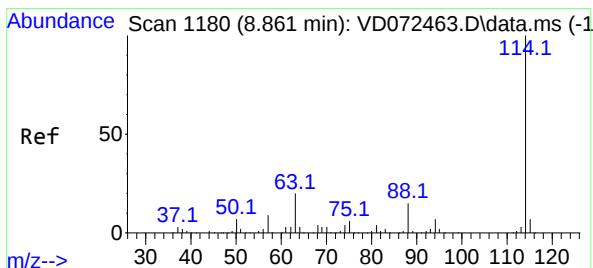
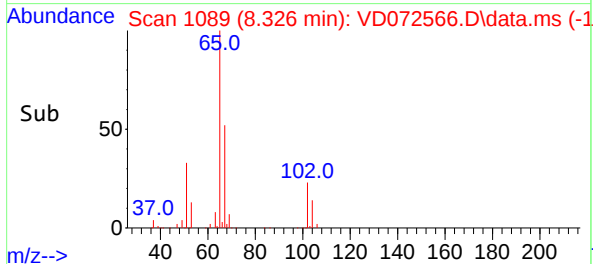
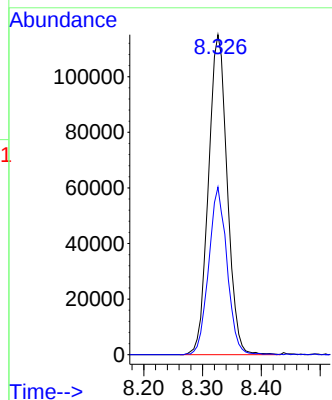
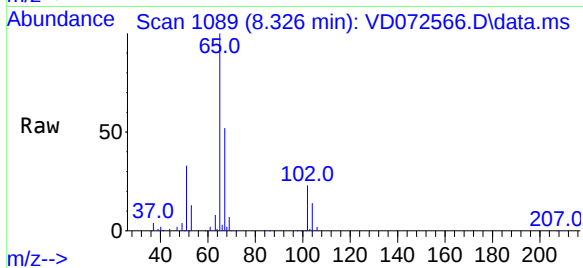
TP1-B

Tgt Ion: 65 Resp: 255031

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072566.D

Acq: 08 Apr 2022 18:22

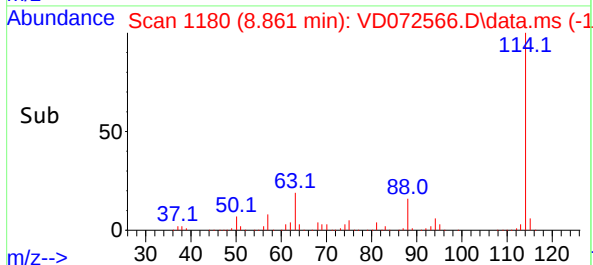
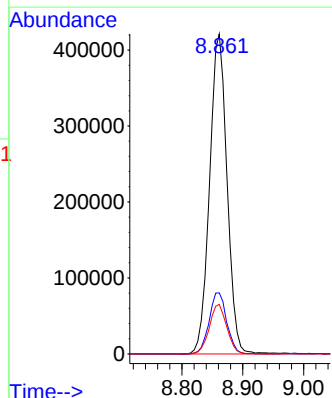
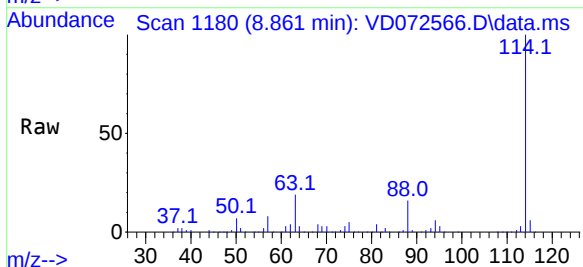
Tgt Ion: 114 Resp: 836842

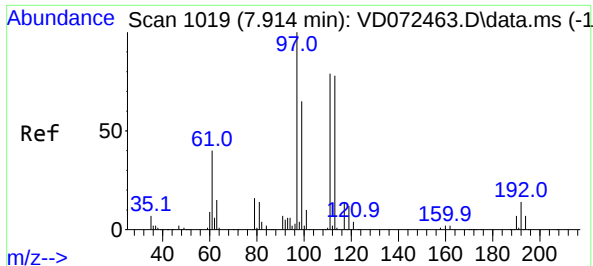
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.5 0.0 33.2

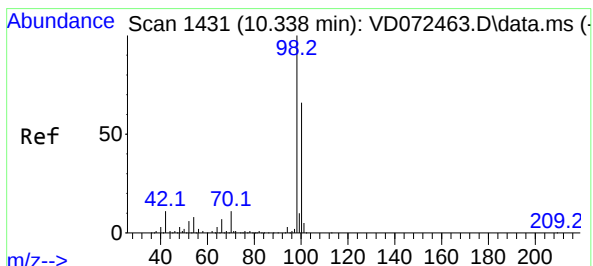
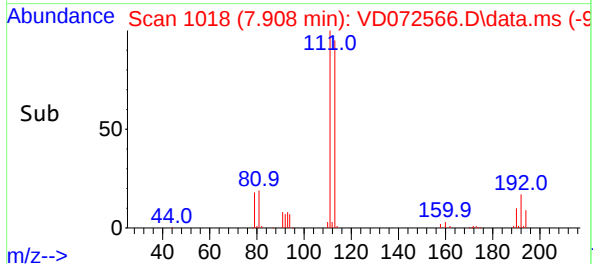
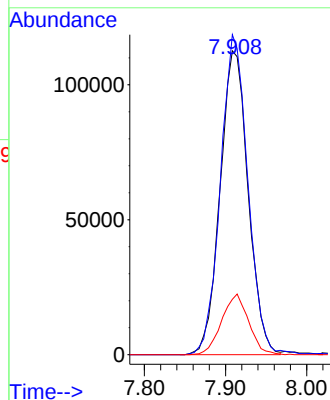
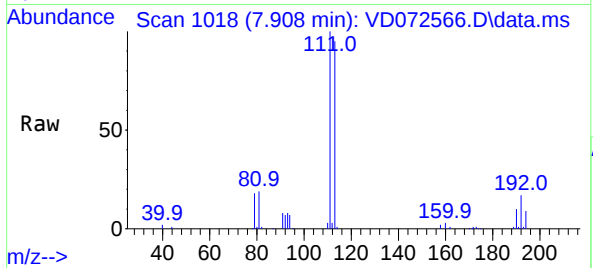




#35  
Dibromofluoromethane  
Concen: 41.491 ug/l  
RT: 7.908 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD072566.D  
Acq: 08 Apr 2022 18:22

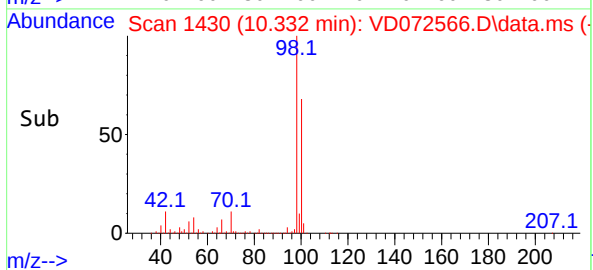
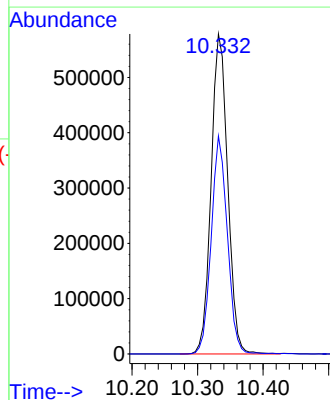
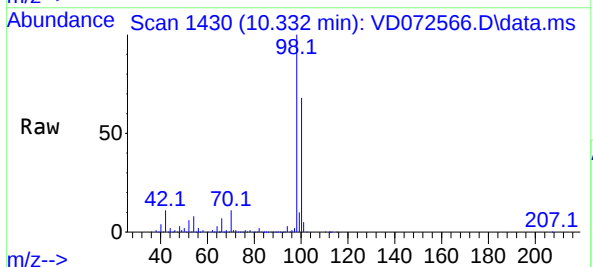
Instrument :  
MSVOA\_D  
ClientSampleId :  
TP1-B

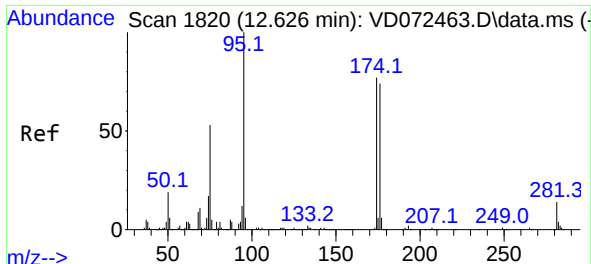
Tgt Ion:113 Resp: 269832  
Ion Ratio Lower Upper  
113 100  
111 103.1 83.8 125.6  
192 19.2 14.6 21.8



#50  
Toluene-d8  
Concen: 44.898 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD072566.D  
Acq: 08 Apr 2022 18:22

Tgt Ion: 98 Resp: 1014983  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.4 78.6

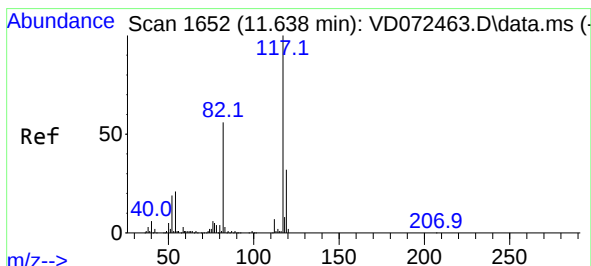
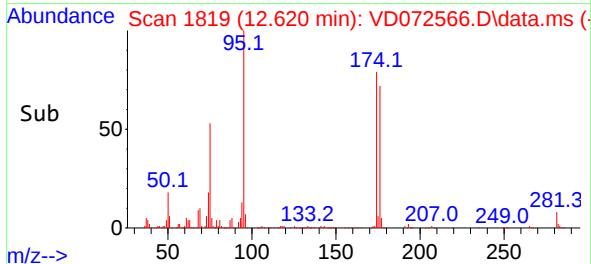
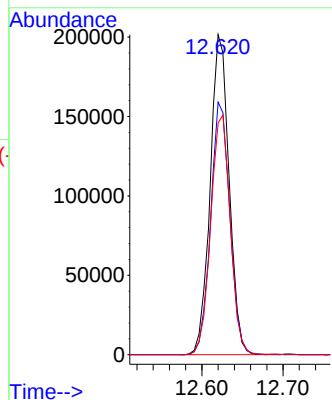
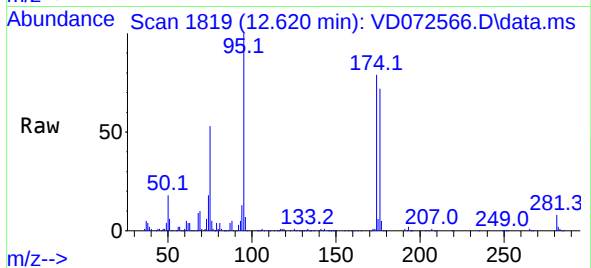




#62  
4-Bromofluorobenzene  
Concen: 36.920 ug/l  
RT: 12.620 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: VD072566.D  
Acq: 08 Apr 2022 18:22

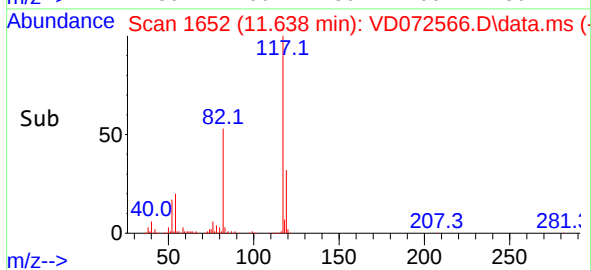
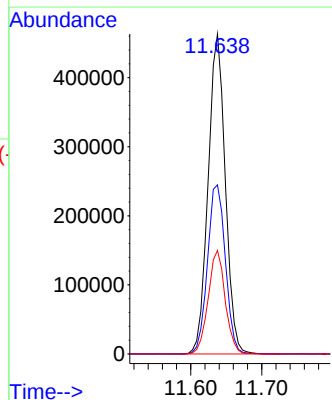
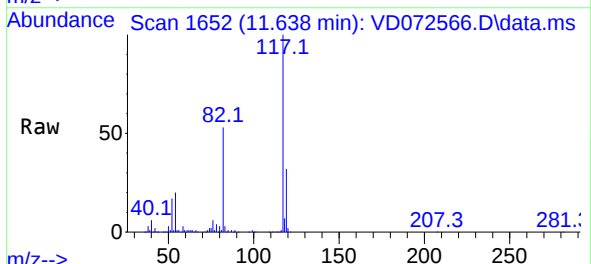
Instrument :  
MSVOA\_D  
ClientSampleId :  
TP1-B

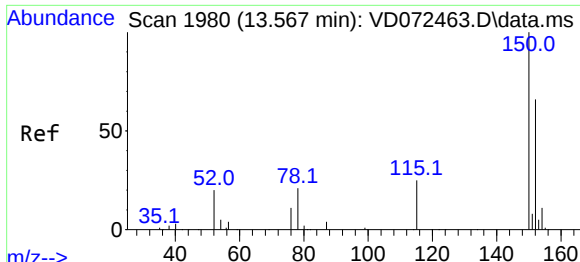
Tgt Ion: 95 Resp: 325960  
Ion Ratio Lower Upper  
95 100  
174 80.2 0.0 152.8  
176 77.1 0.0 145.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD072566.D  
Acq: 08 Apr 2022 18:22

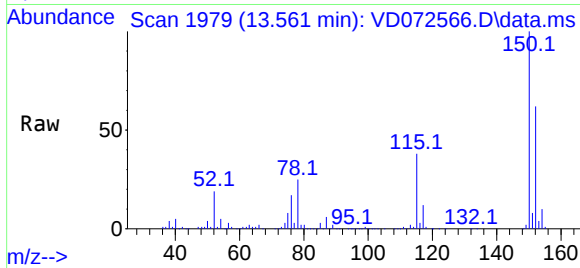
Tgt Ion: 117 Resp: 778522  
Ion Ratio Lower Upper  
117 100  
82 52.9 45.3 67.9  
119 32.4 26.6 40.0





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD072566.D  
Acq: 08 Apr 2022 18:22

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP1-B



Tgt Ion:152 Resp: 347605

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 59.6  | 31.3  | 93.8  |
| 150 | 158.8 | 0.0   | 348.6 |

