

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070822\  
 Data File : VN073399.D  
 Acq On : 08 Jul 2022 17:44  
 Operator : JC\MD  
 Sample : N3657-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jul 09 05:28:51 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 01:54:03 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.016  | 168   | 294169   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 492166   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.680 | 117   | 449598   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.610 | 152   | 211823   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 185777   | 43.747   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 87.500%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 152651   | 46.619   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.240%  |
| 50) Toluene-d8              | 10.380 | 98    | 515467   | 44.323   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 88.640%  |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 225078   | 50.361   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 100.720% |

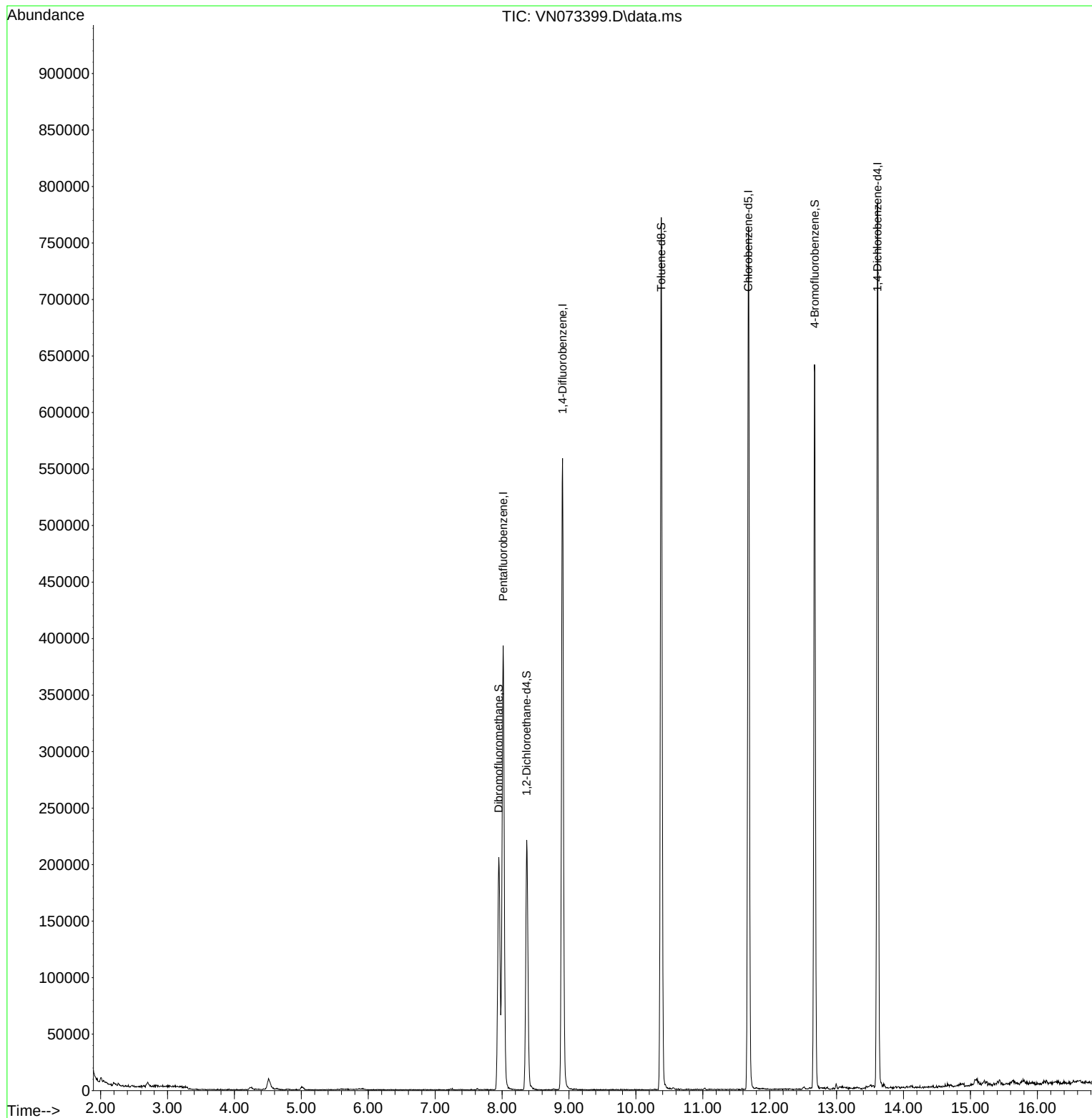
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

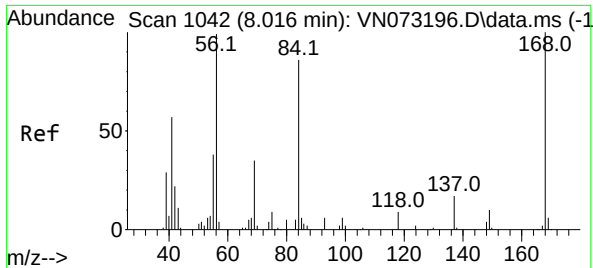
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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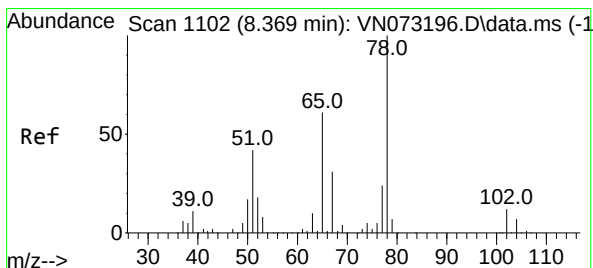
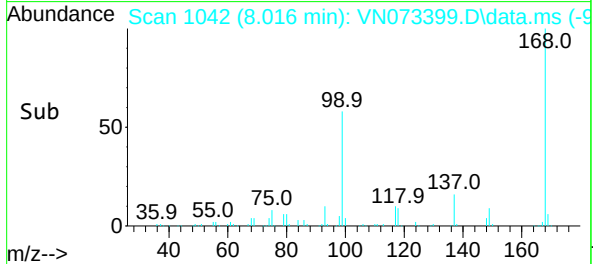
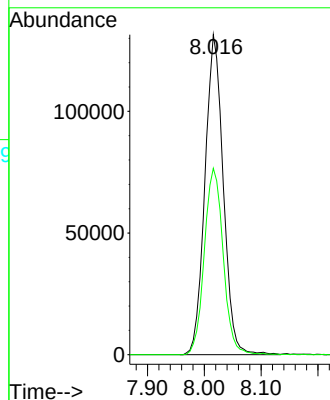
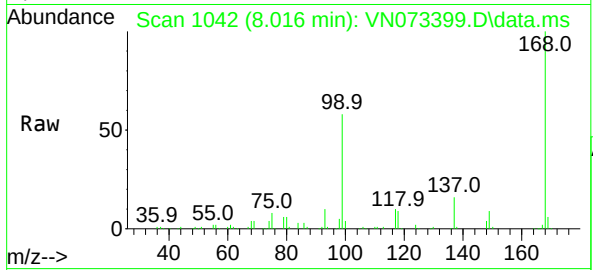




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.016 min Scan# 1042  
Delta R.T. -0.000 min  
Lab File: VN073399.D  
Acq: 08 Jul 2022 17:44

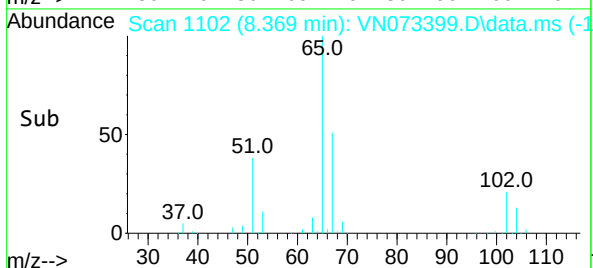
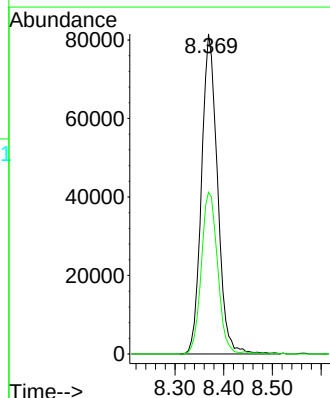
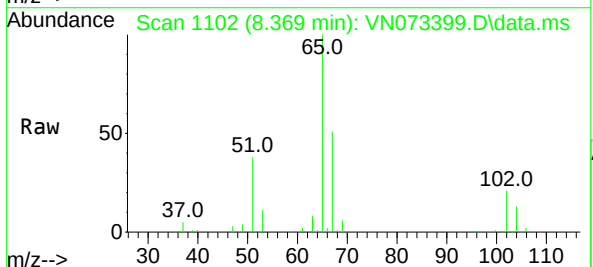
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

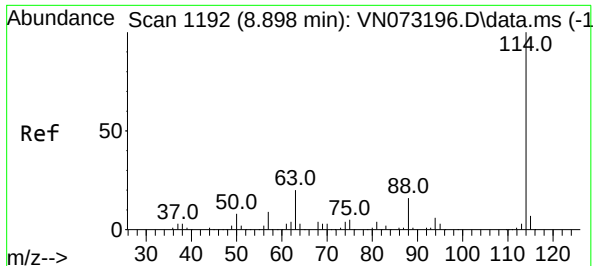
Tgt Ion:168 Resp: 294169  
Ion Ratio Lower Upper  
168 100  
99 58.2 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 43.747 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN073399.D  
Acq: 08 Jul 2022 17:44

Tgt Ion: 65 Resp: 185777  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 104.8

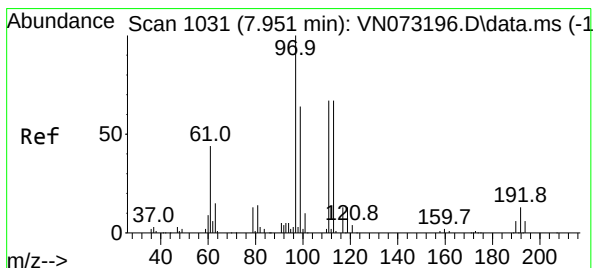
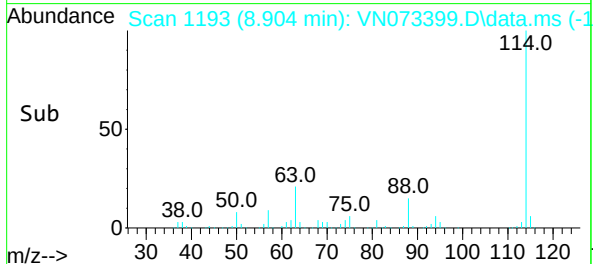
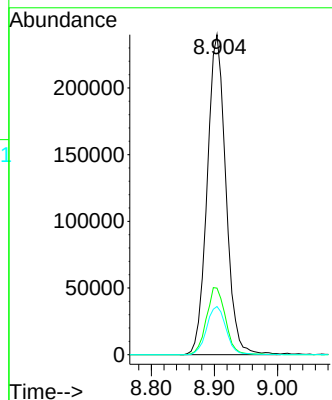
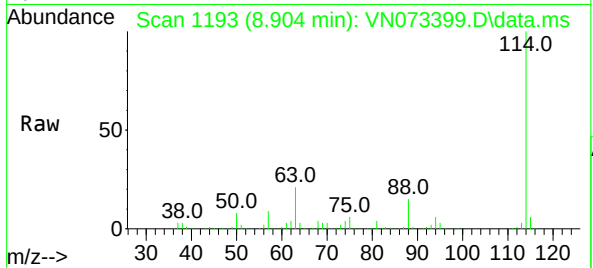




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.904 min Scan# 1193  
Delta R.T. 0.006 min  
Lab File: VN073399.D  
Acq: 08 Jul 2022 17:44

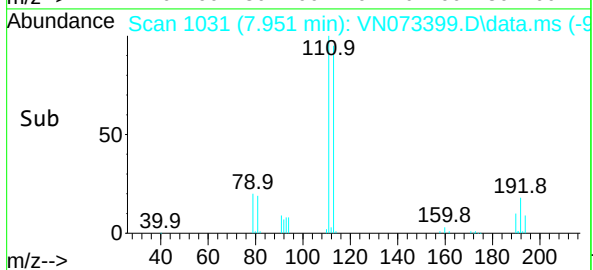
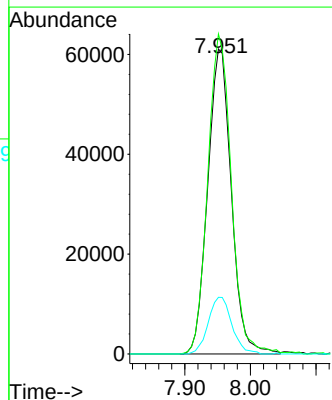
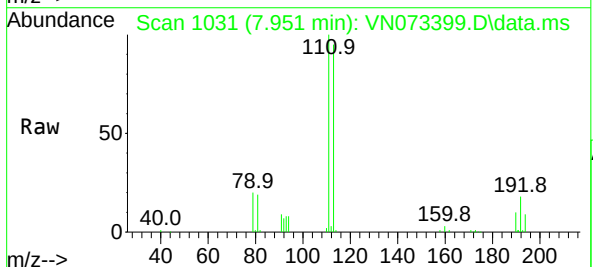
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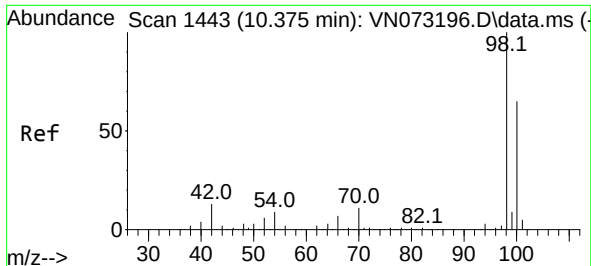
Tgt Ion:114 Resp: 492166  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 40.0  
88 15.1 0.0 32.6



#35  
Dibromofluoromethane  
Concen: 46.619 ug/l  
RT: 7.951 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN073399.D  
Acq: 08 Jul 2022 17:44

Tgt Ion:113 Resp: 152651  
Ion Ratio Lower Upper  
113 100  
111 104.7 81.4 122.0  
192 18.6 17.0 25.6

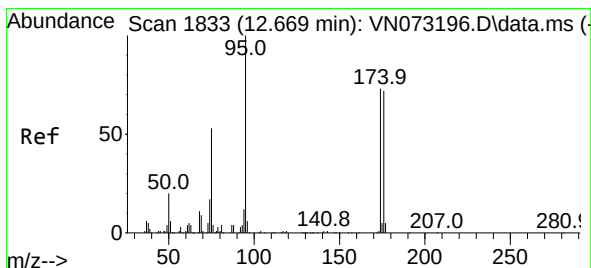
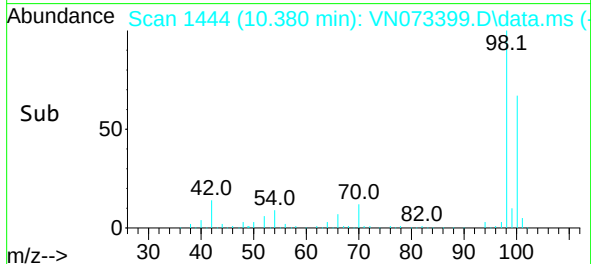
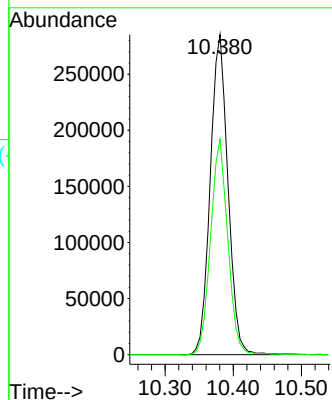
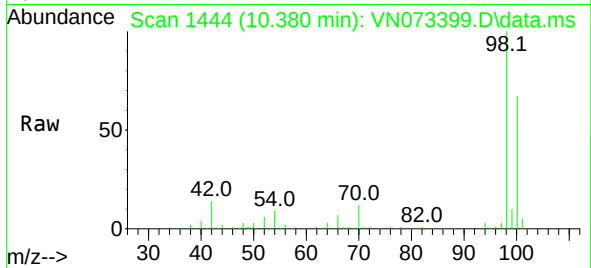




#50  
Toluene-d8  
Concen: 44.323 ug/l  
RT: 10.380 min Scan# 1443  
Delta R.T. 0.005 min  
Lab File: VN073399.D  
Acq: 08 Jul 2022 17:44

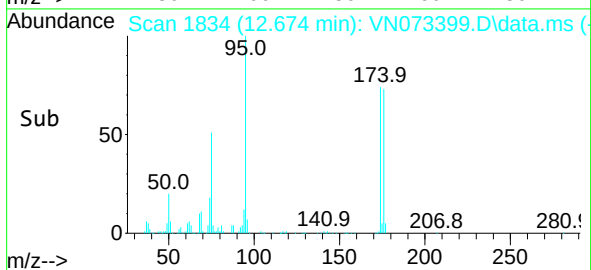
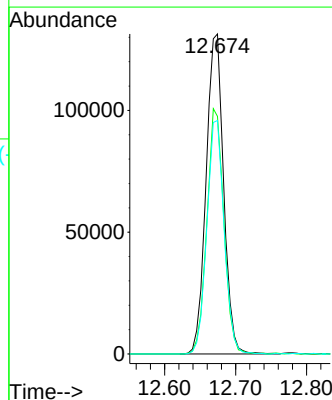
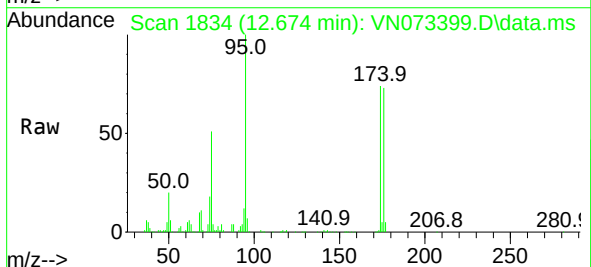
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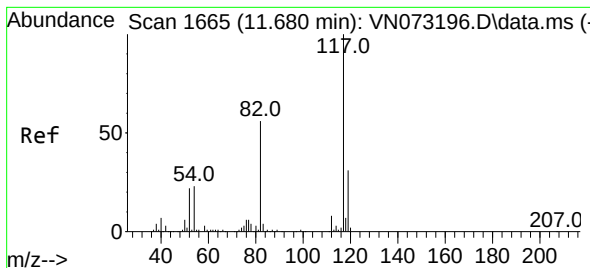
Tgt Ion: 98 Resp: 515467  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 50.361 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.005 min  
Lab File: VN073399.D  
Acq: 08 Jul 2022 17:44

Tgt Ion: 95 Resp: 225078  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 167.6  
176 71.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073399.D

Acq: 08 Jul 2022 17:44

Instrument :

MSVOA\_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

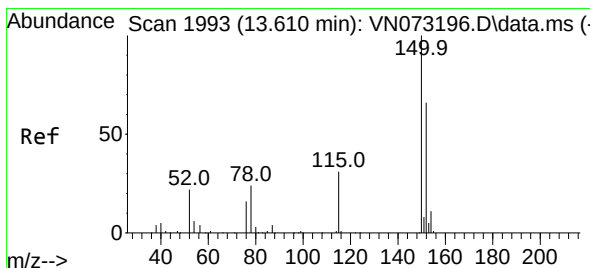
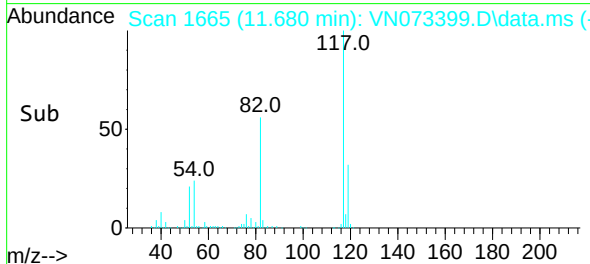
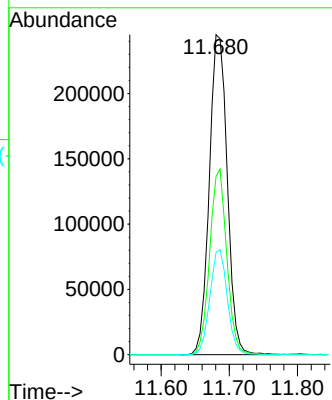
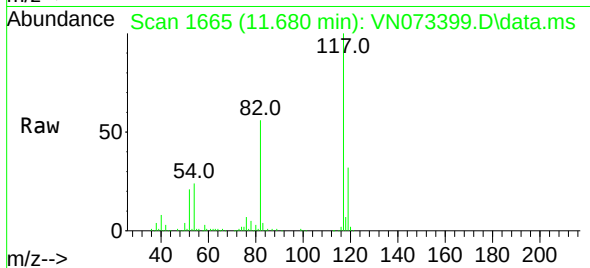
Tgt Ion:117 Resp: 449598

Ion Ratio Lower Upper

117 100

82 55.7 44.2 66.2

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073399.D

Acq: 08 Jul 2022 17:44

Tgt Ion:152 Resp: 211823

Ion Ratio Lower Upper

152 100

115 60.2 28.9 86.7

150 155.2 0.0 356.2

