

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080522\  
 Data File : VN073759.D  
 Acq On : 05 Aug 2022 13:51  
 Operator : JC\MD  
 Sample : N4071-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 07 20:50:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072822W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 29 02:20:25 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.022  | 168   | 385518   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 616595   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 585216   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.615 | 152   | 291094   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.375  | 65    | 225023   | 47.896   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 95.800%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 212354   | 54.846   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 109.700% |
| 50) Toluene-d8              | 10.380 | 98    | 689221   | 45.236   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 90.480%  |
| 62) 4-Bromofluorobenzene    | 12.674 | 95    | 264959   | 51.709   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 103.420% |

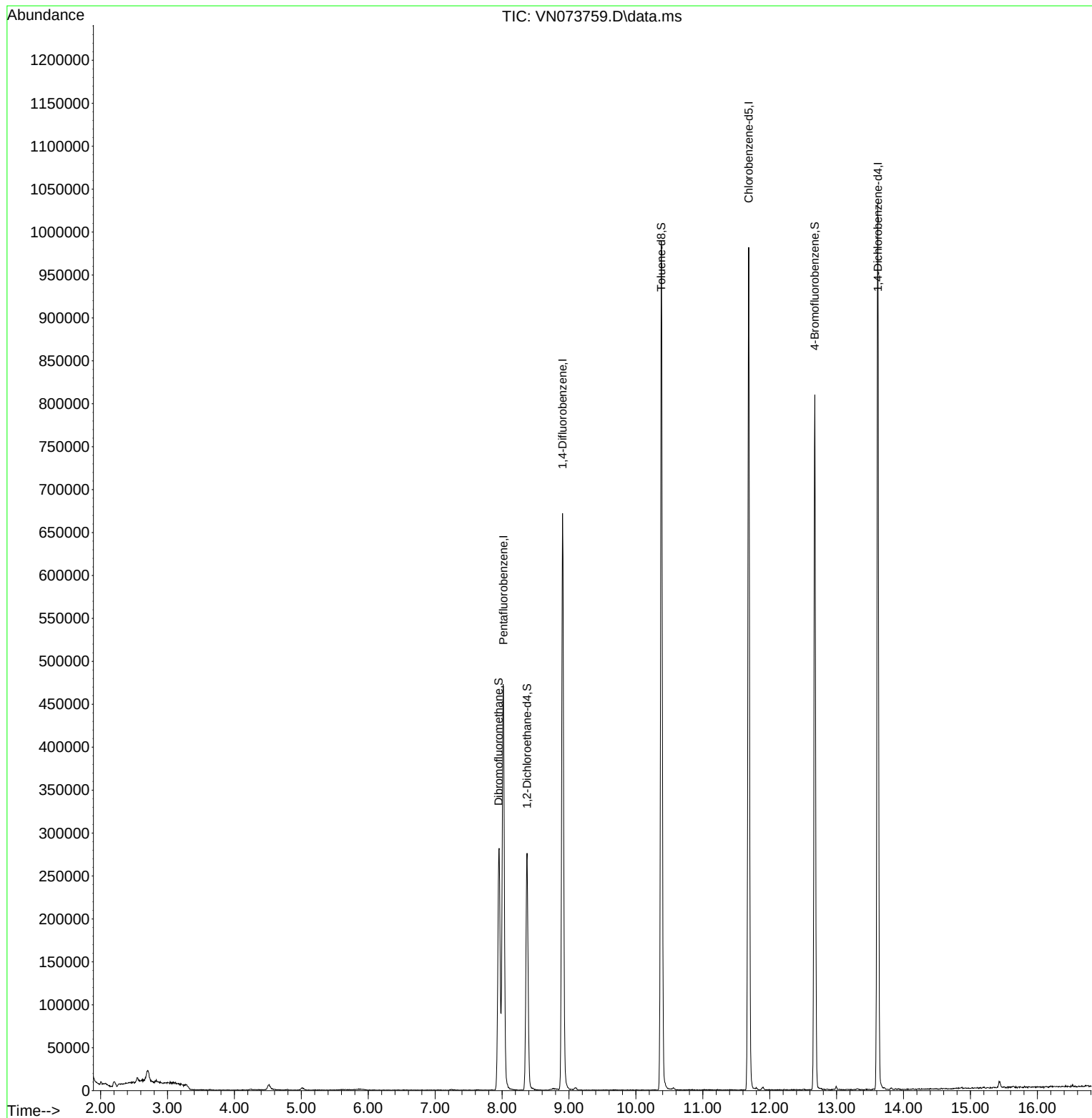
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

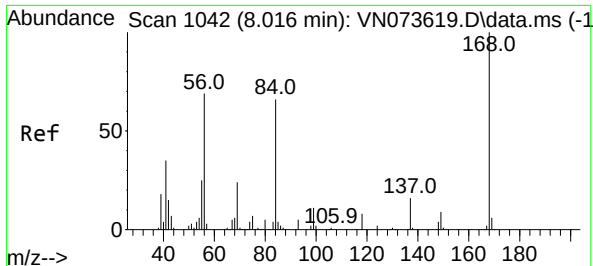
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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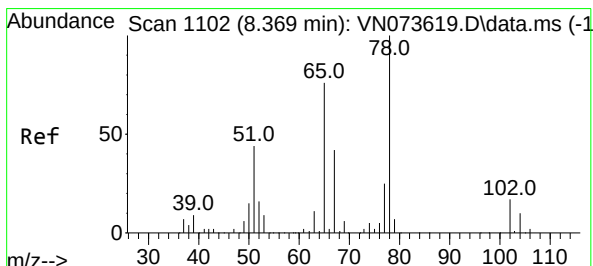
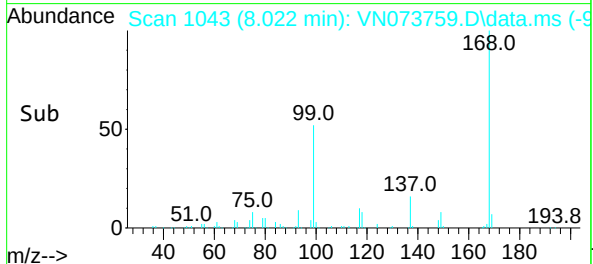
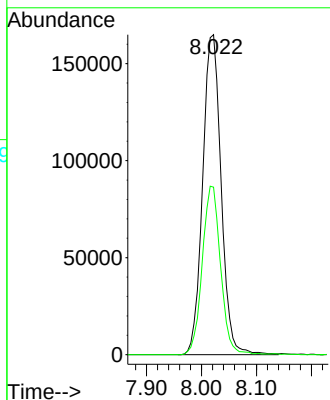
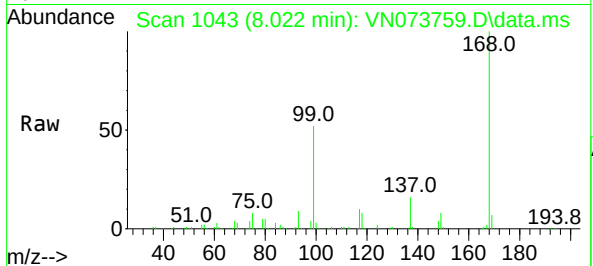




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.022 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VN073759.D  
Acq: 05 Aug 2022 13:51

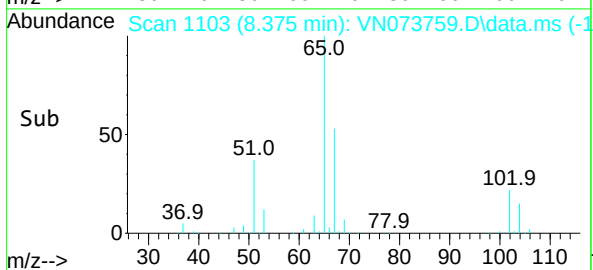
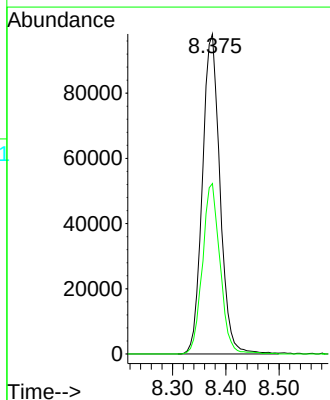
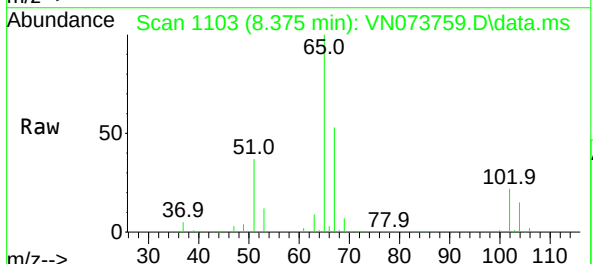
Instrument :  
MSVOA\_N  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

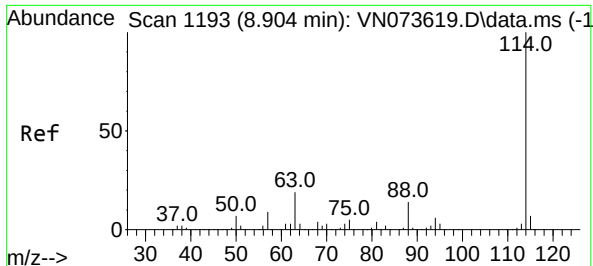
Tgt Ion:168 Resp: 385518  
Ion Ratio Lower Upper  
168 100  
99 52.4 42.3 63.5



#33  
1,2-Dichloroethane-d4  
Concen: 47.896 ug/l  
RT: 8.375 min Scan# 1103  
Delta R.T. 0.006 min  
Lab File: VN073759.D  
Acq: 05 Aug 2022 13:51

Tgt Ion: 65 Resp: 225023  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073759.D

Acq: 05 Aug 2022 13:51

Instrument :

MSVOA\_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

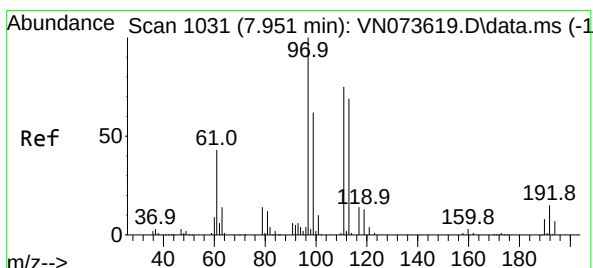
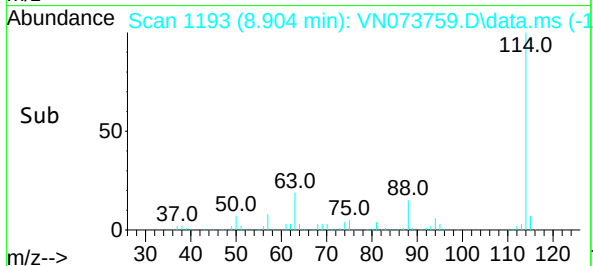
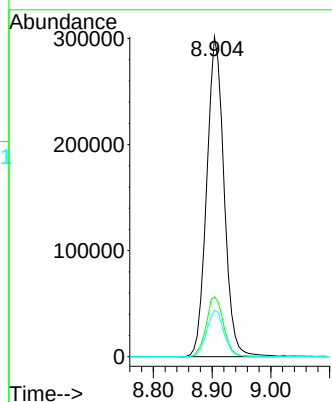
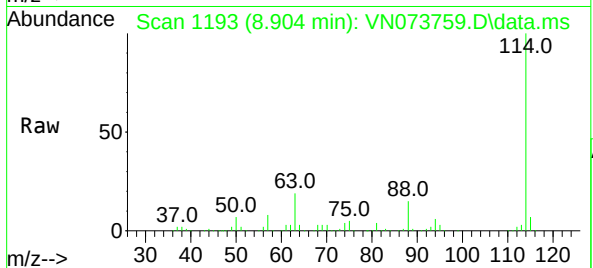
Tgt Ion:114 Resp: 616595

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.846 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073759.D

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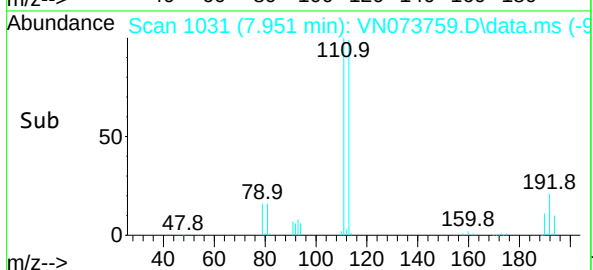
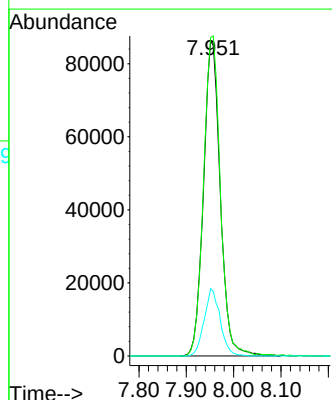
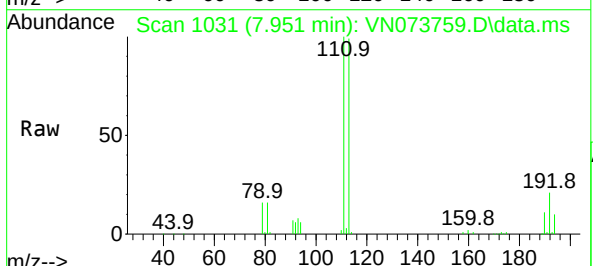
Tgt Ion:113 Resp: 212354

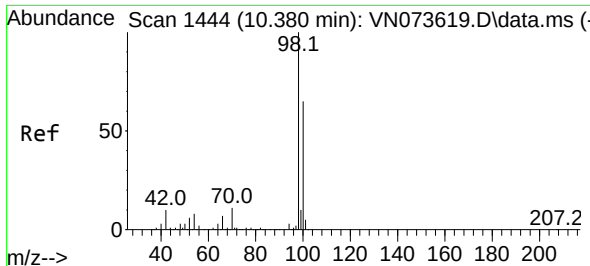
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 20.4 17.0 25.6

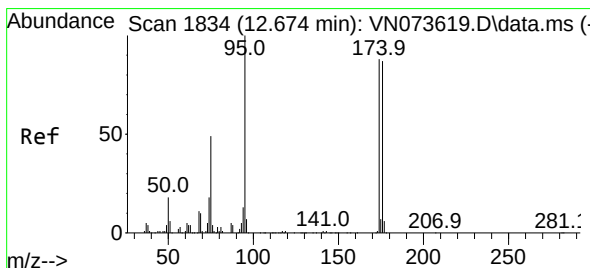
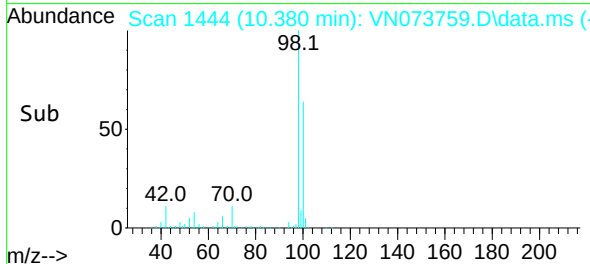
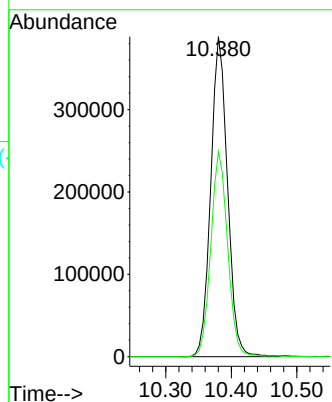
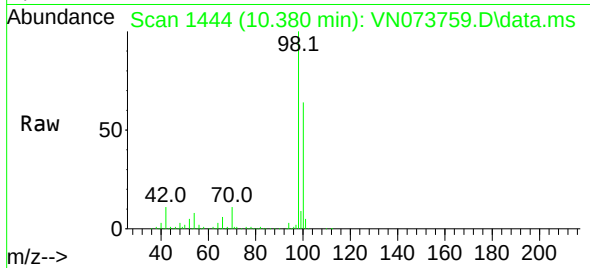




#50  
Toluene-d8  
Concen: 45.236 ug/l  
RT: 10.380 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN073759.D  
Acq: 05 Aug 2022 13:51

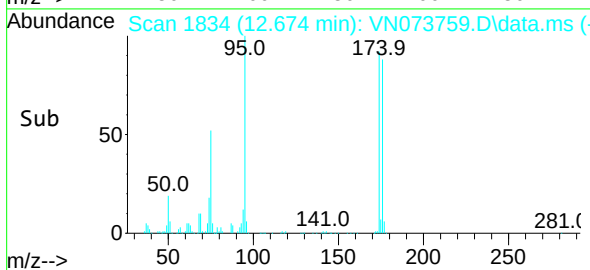
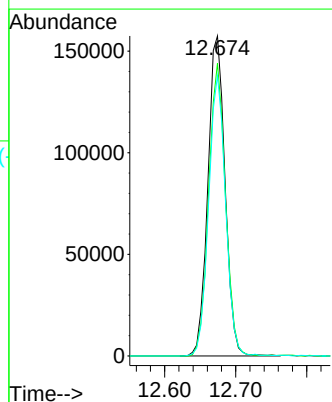
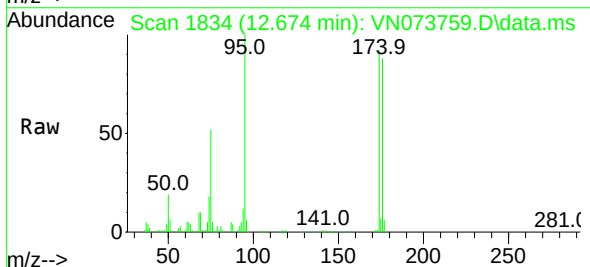
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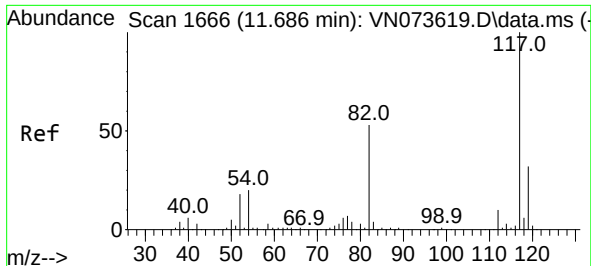
Tgt Ion: 98 Resp: 689221  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 51.709 ug/l  
RT: 12.674 min Scan# 1834  
Delta R.T. 0.000 min  
Lab File: VN073759.D  
Acq: 05 Aug 2022 13:51

Tgt Ion: 95 Resp: 264959  
Ion Ratio Lower Upper  
95 100  
174 89.7 0.0 167.6  
176 86.0 0.0 163.4

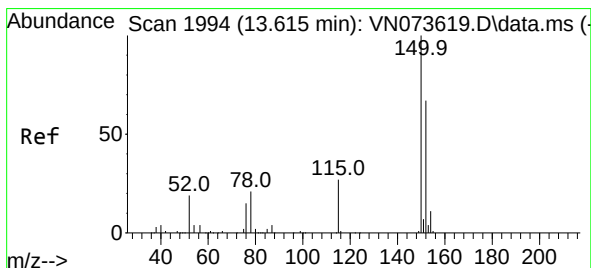
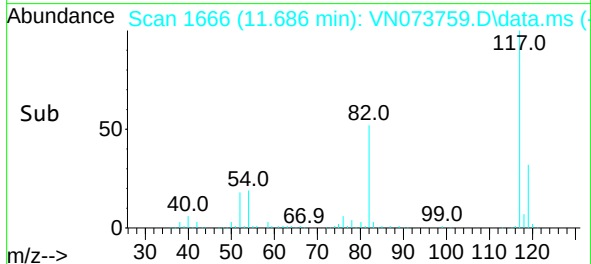
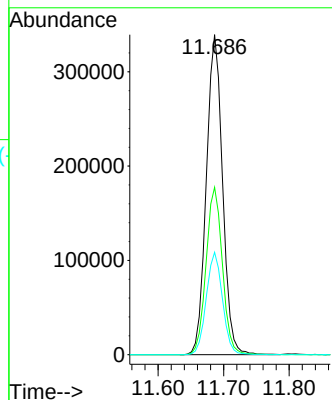
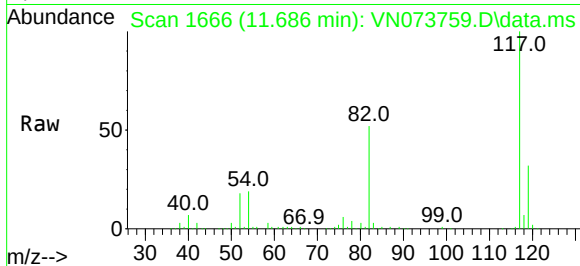




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN073759.D  
Acq: 05 Aug 2022 13:51

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

Tgt Ion:117 Resp: 585216  
Ion Ratio Lower Upper  
117 100  
82 52.3 44.2 66.2  
119 32.0 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.615 min Scan# 1994  
Delta R.T. 0.000 min  
Lab File: VN073759.D  
Acq: 05 Aug 2022 13:51

Tgt Ion:152 Resp: 291094  
Ion Ratio Lower Upper  
152 100  
115 56.3 28.9 86.7  
150 158.7 0.0 356.2

