

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042923\  
 Data File : VN077533.D  
 Acq On : 29 Apr 2023 20:55  
 Operator : JC\MD  
 Sample : 02535-07  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TRIP-BLANK

Quant Time: May 01 01:26:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N042423W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 02:50:59 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 695799   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107  | 114   | 1299084  | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.866 | 117   | 1134890  | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.801 | 152   | 394347   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 456952   | 50.329   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 100.660% |          |
| 35) Dibromofluoromethane    | 8.172  | 113   | 401117   | 51.372   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 102.740% |          |
| 50) Toluene-d8              | 10.571 | 98    | 1540951  | 51.494   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 102.980% |          |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 473436   | 48.355   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 96.720%  |          |

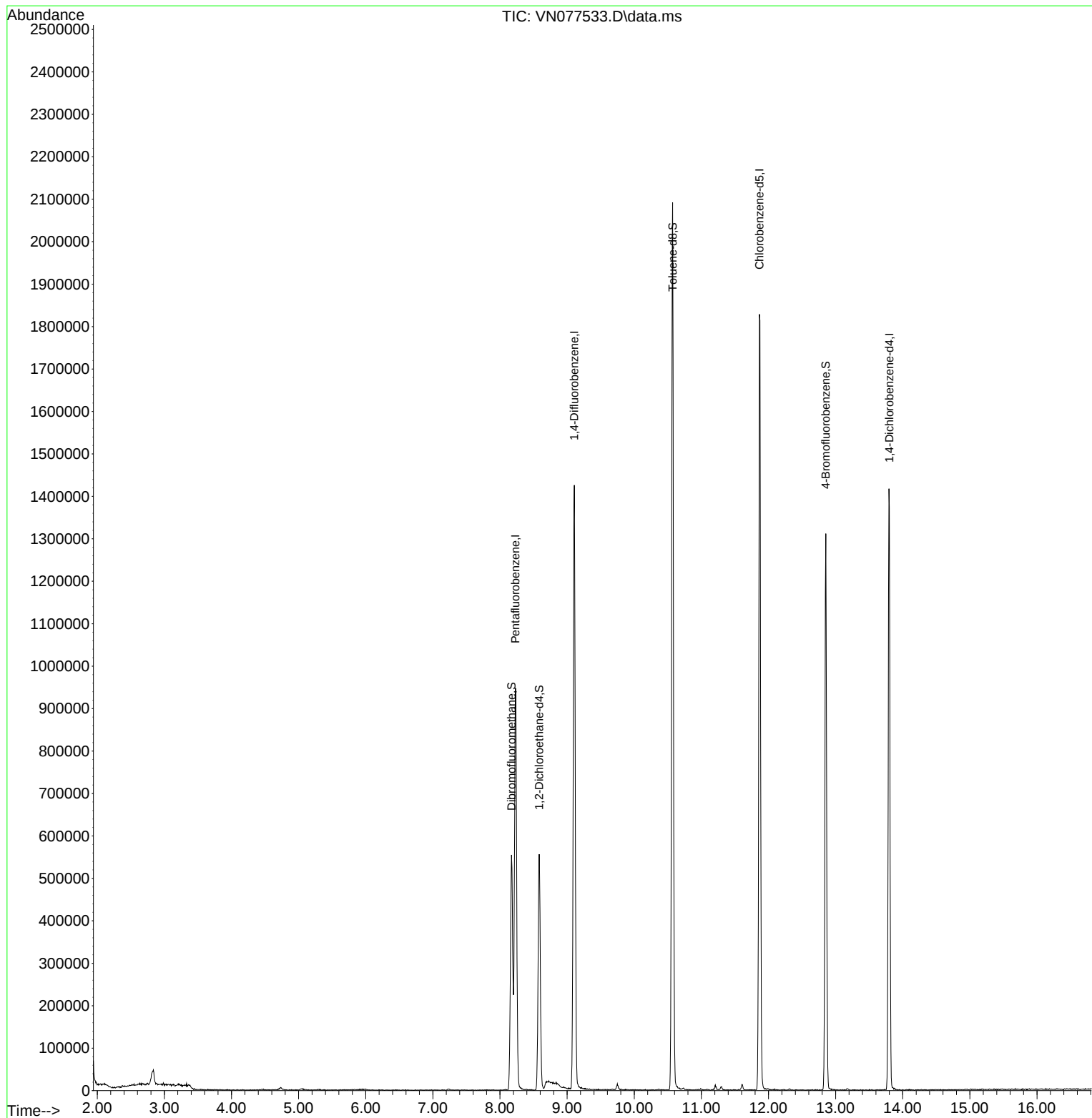
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

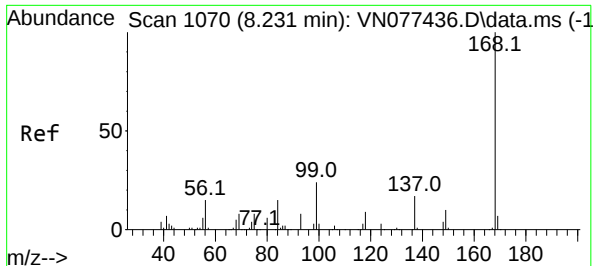
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Apr 25 02:50:59 2023  
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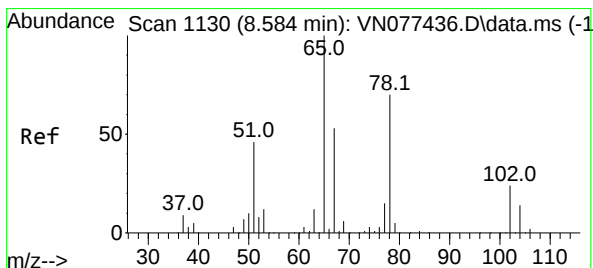
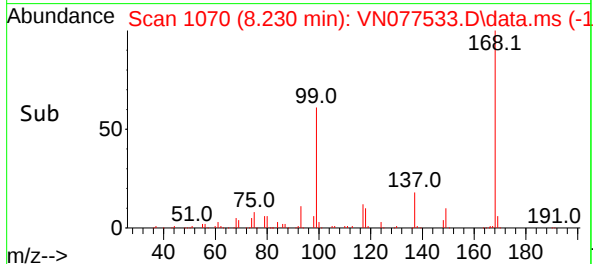
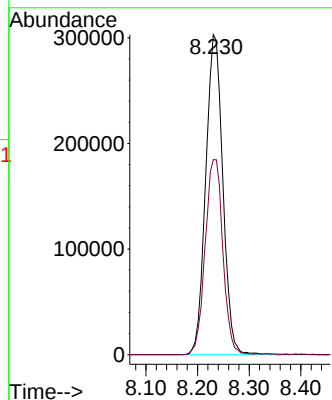
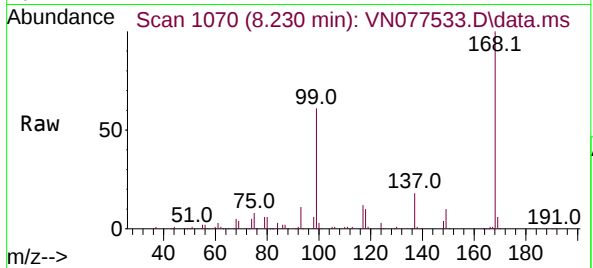




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1107  
Delta R.T. -0.001 min  
Lab File: VN077533.D  
Acq: 29 Apr 2023 20:55

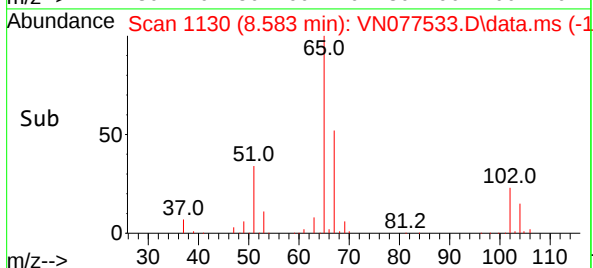
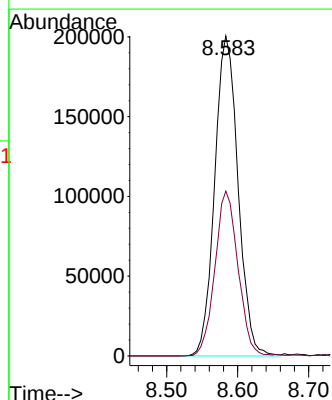
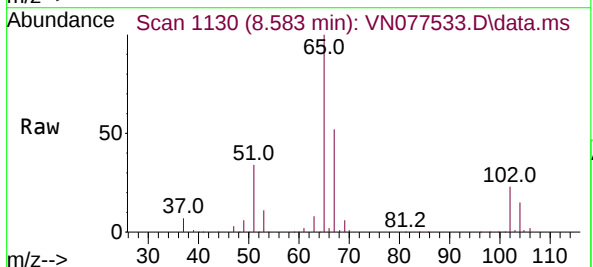
Instrument :  
MSVOA\_N  
ClientSampleId :  
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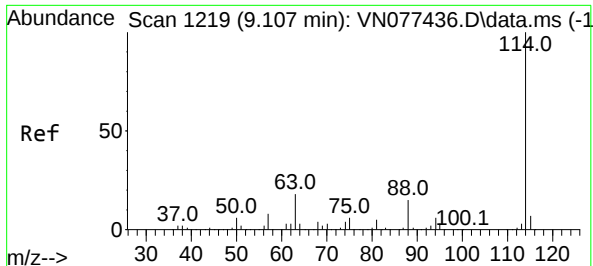
Tgt Ion:168 Resp: 695799  
Ion Ratio Lower Upper  
168 100  
99 61.0 53.0 79.6



#33  
1,2-Dichloroethane-d4  
Concen: 50.329 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN077533.D  
Acq: 29 Apr 2023 20:55

Tgt Ion: 65 Resp: 456952  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077533.D

Acq: 29 Apr 2023 20:55

Instrument :

MSVOA\_N

ClientSampleId :

TRIP-BLANK

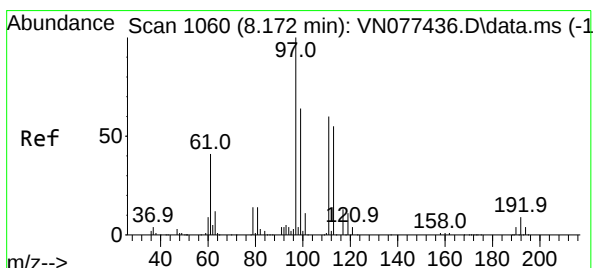
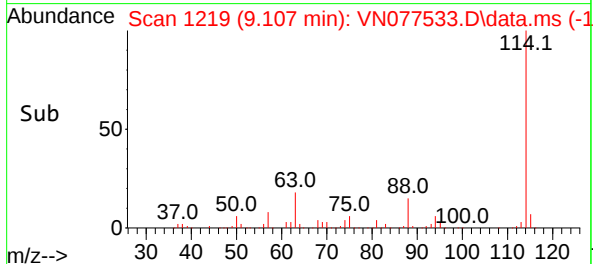
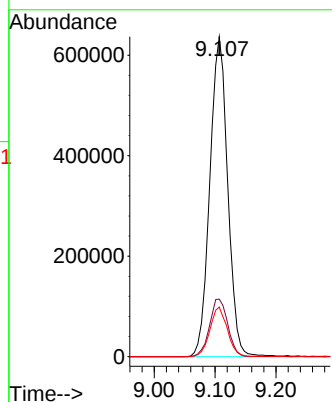
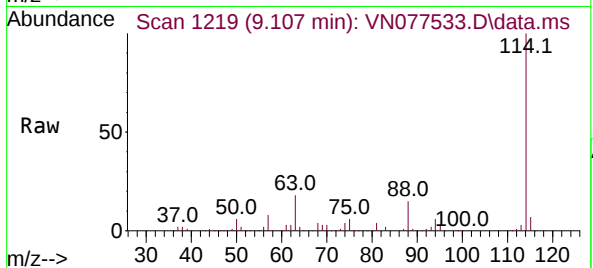
Tgt Ion:114 Resp: 1299084

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.372 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077533.D

Acq: 29 Apr 2023 20:55

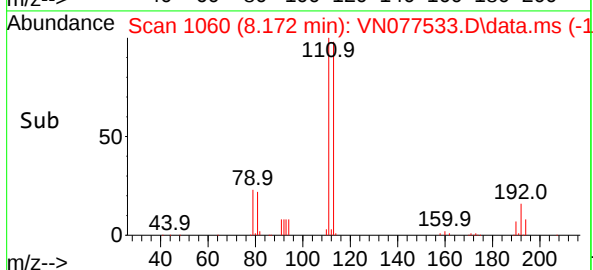
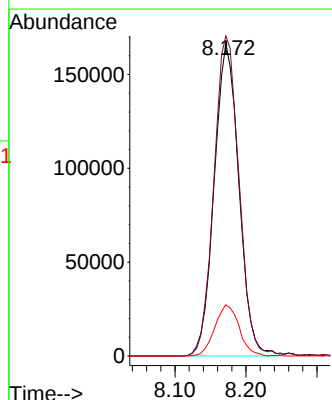
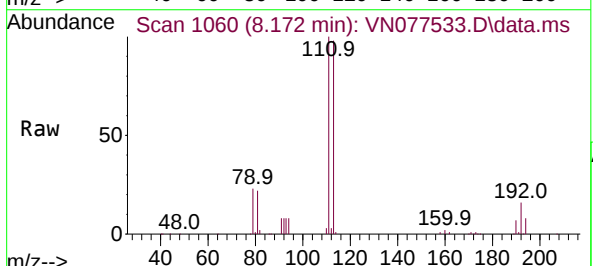
Tgt Ion:113 Resp: 401117

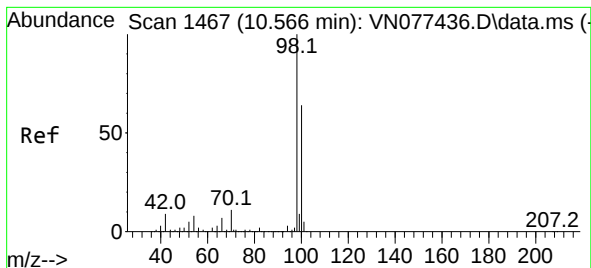
Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 16.1 12.7 19.1

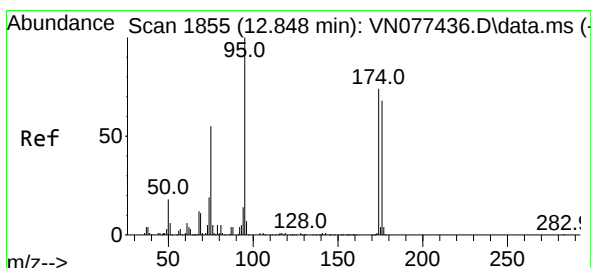
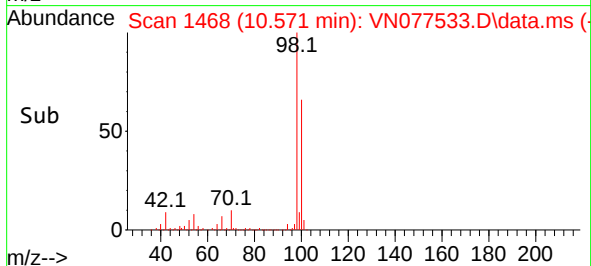
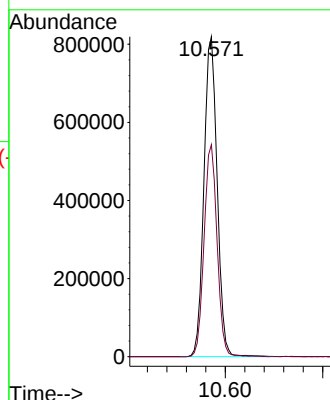
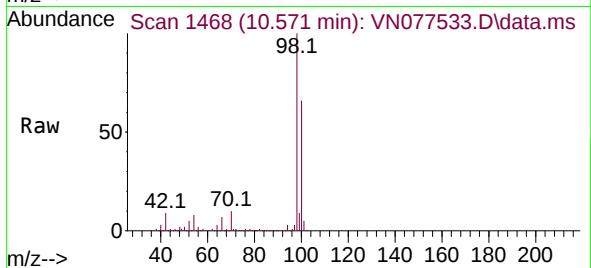




#50  
Toluene-d8  
Concen: 51.494 ug/l  
RT: 10.571 min Scan# 1468  
Delta R.T. 0.006 min  
Lab File: VN077533.D  
Acq: 29 Apr 2023 20:55

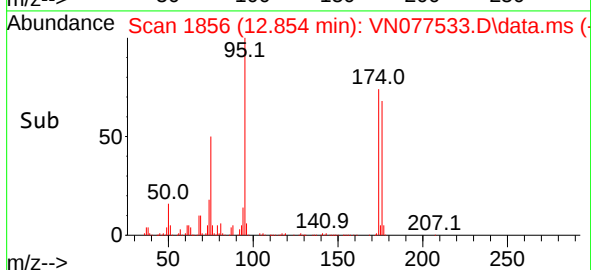
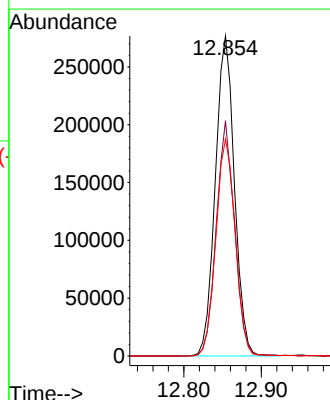
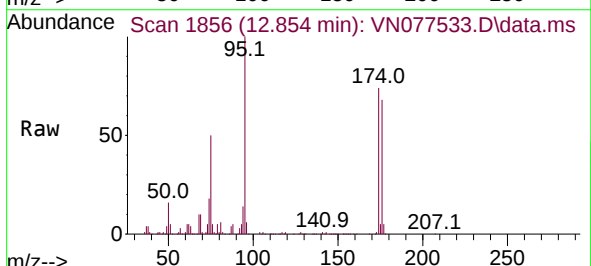
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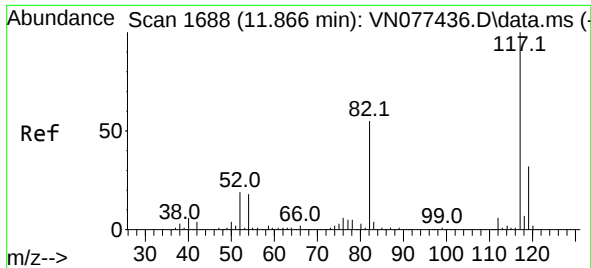
Tgt Ion: 98 Resp: 1540951  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.0 78.0



#62  
4-Bromofluorobenzene  
Concen: 48.355 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN077533.D  
Acq: 29 Apr 2023 20:55

Tgt Ion: 95 Resp: 473436  
Ion Ratio Lower Upper  
95 100  
174 70.6 0.0 143.8  
176 68.7 0.0 135.8

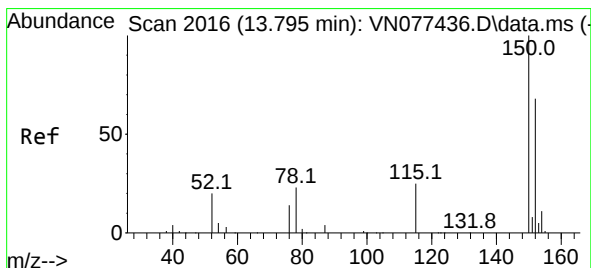
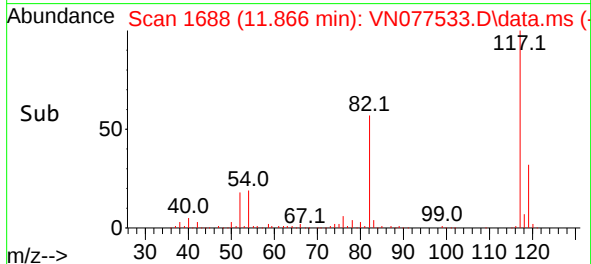
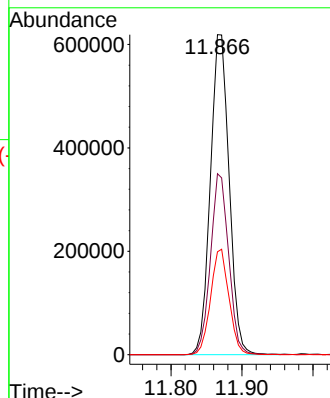
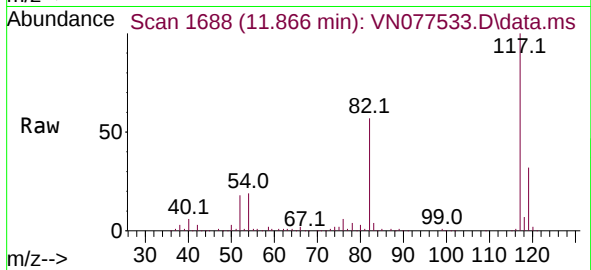




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN077533.D  
Acq: 29 Apr 2023 20:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
TRIP-BLANK

Tgt Ion:117 Resp: 1134890  
Ion Ratio Lower Upper  
117 100  
82 56.6 44.0 66.0  
119 32.1 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.801 min Scan# 2017  
Delta R.T. 0.006 min  
Lab File: VN077533.D  
Acq: 29 Apr 2023 20:55

Tgt Ion:152 Resp: 394347  
Ion Ratio Lower Upper  
152 100  
115 65.5 32.3 96.8  
150 156.3 0.0 355.8

