

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070224\  
 Data File : VN082789.D  
 Acq On : 02 Jul 2024 16:23  
 Operator : JC\MD  
 Sample : P3106-03 10X  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 S-3

Quant Time: Jul 03 00:32:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062724W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 28 06:02:21 2024  
 Response via : Initial Calibration

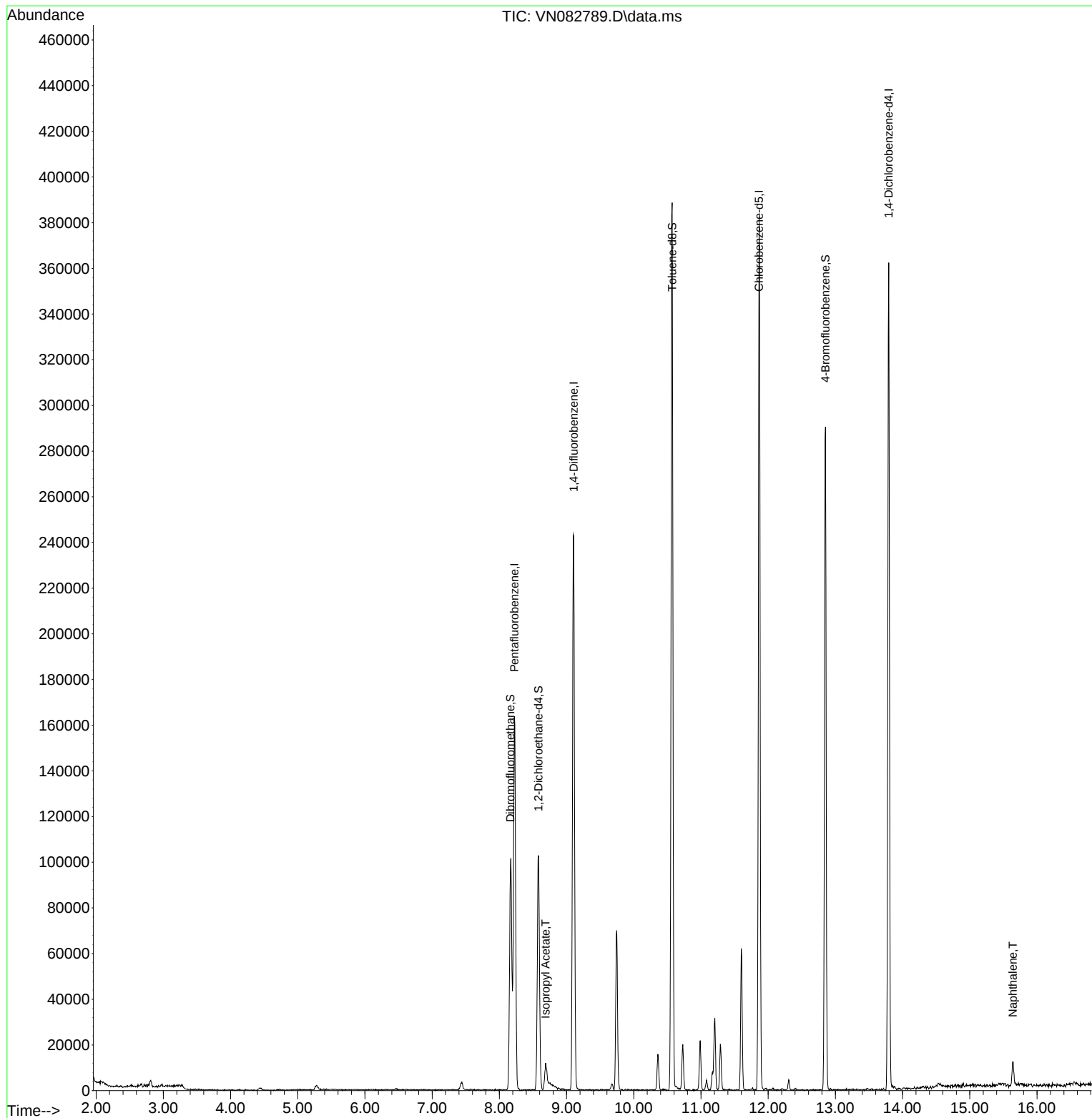
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 115108   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 213493   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 211680   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 96237    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.582  | 65    | 86639    | 48.807   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 97.620%  |
| 35) Dibromofluoromethane    | 8.165  | 113   | 71908    | 51.157   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 102.320% |
| 50) Toluene-d8              | 10.570 | 98    | 273191   | 51.970   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 103.940% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 98488    | 54.556   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | =      | 109.120% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 43) Isopropyl Acetate       | 8.688  | 43    | 15526    | 3.687    | ug/l # | 81       |
| 95) Naphthalene             | 15.641 | 128   | 10968    | 2.133    | ug/l   | 97       |
| -----                       |        |       |          |          |        |          |

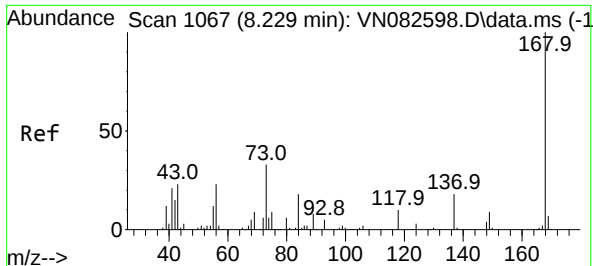
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN070224\  
Data File : VN082789.D  
Acq On : 02 Jul 2024 16:23  
Operator : JC\MD  
Sample : P3106-03 10X  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
S-3

Quant Time: Jul 03 00:32:41 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062724W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 28 06:02:21 2024  
Response via : Initial Calibration

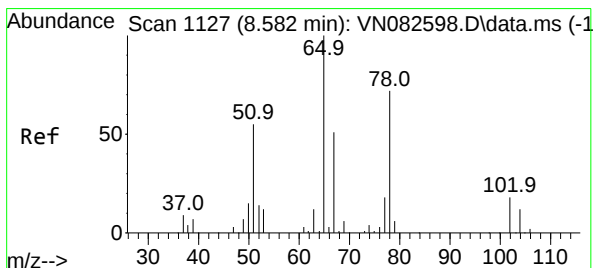
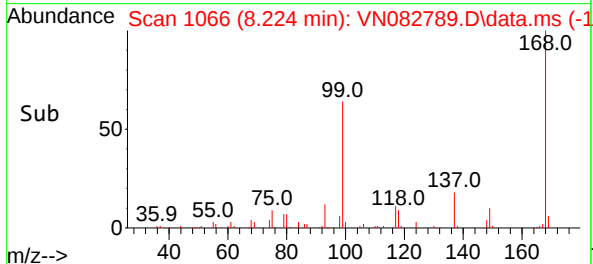
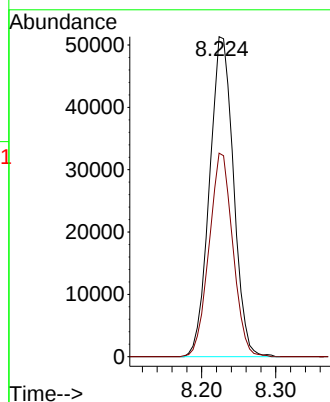
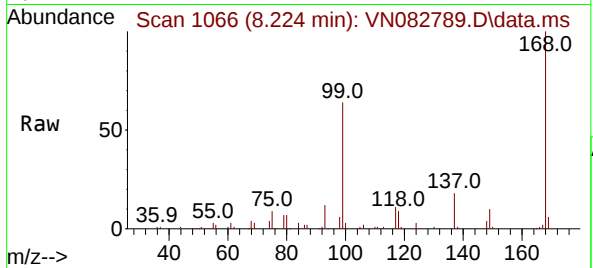




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.005 min  
Lab File: VN082789.D  
Acq: 02 Jul 2024 16:23

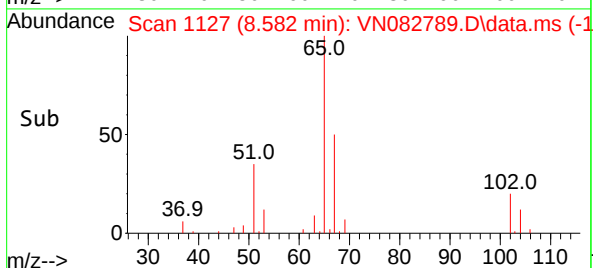
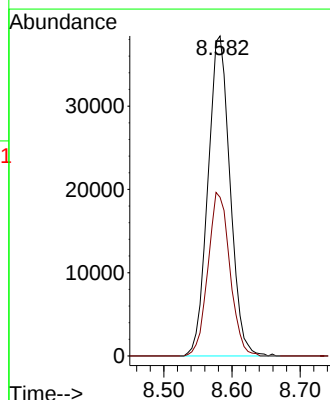
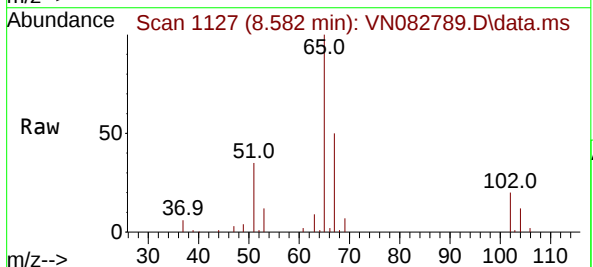
Instrument :  
MSVOA\_N  
ClientSampleId :  
S-3

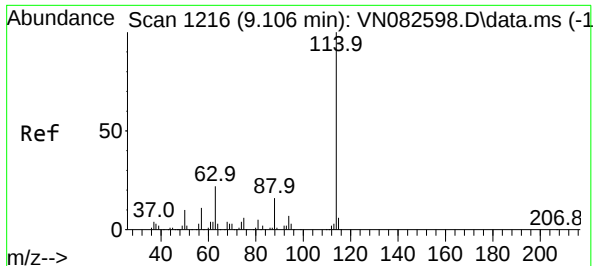
Tgt Ion:168 Resp: 115108  
Ion Ratio Lower Upper  
168 100  
99 63.6 48.2 72.4



#33  
1,2-Dichloroethane-d4  
Concen: 48.807 ug/l  
RT: 8.582 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN082789.D  
Acq: 02 Jul 2024 16:23

Tgt Ion: 65 Resp: 86639  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082789.D

Acq: 02 Jul 2024 16:23

Instrument :

MSVOA\_N

ClientSampleId :

S-3

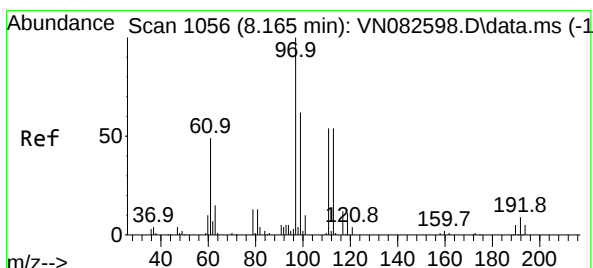
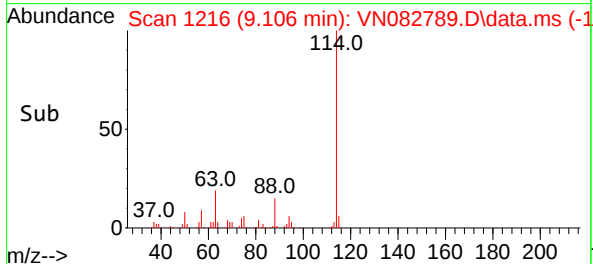
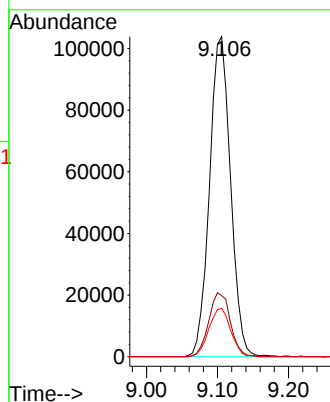
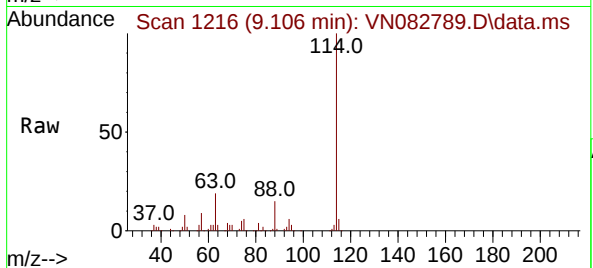
Tgt Ion:114 Resp: 213493

Ion Ratio Lower Upper

114 100

63 19.1 0.0 44.6

88 15.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.157 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082789.D

Acq: 02 Jul 2024 16:23

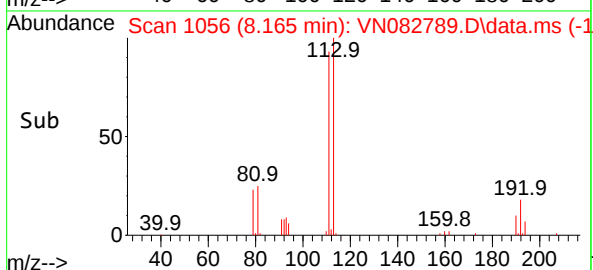
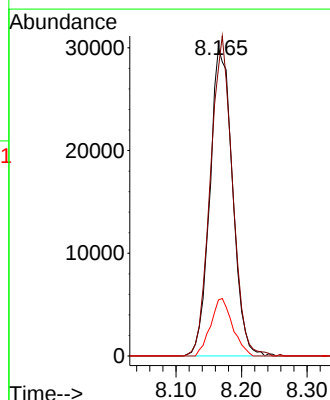
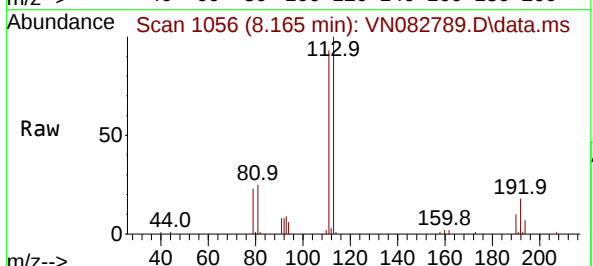
Tgt Ion:113 Resp: 71908

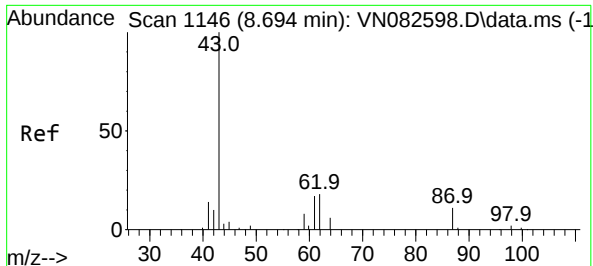
Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

192 18.1 14.9 22.3

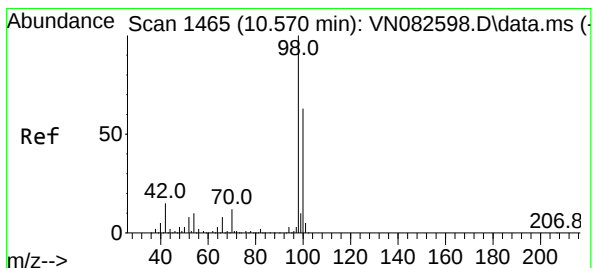
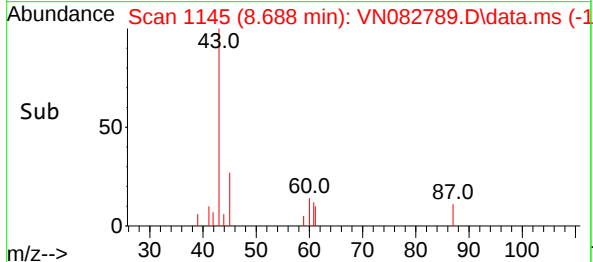
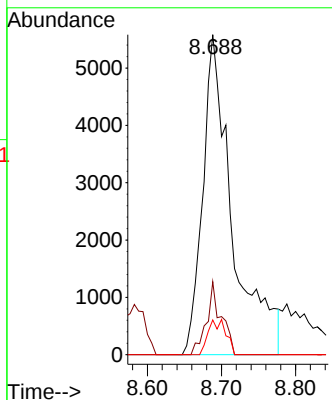
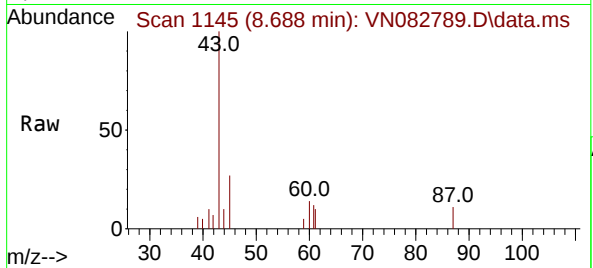




#43  
Isopropyl Acetate  
Concen: 3.687 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VN082789.D  
Acq: 02 Jul 2024 16:23

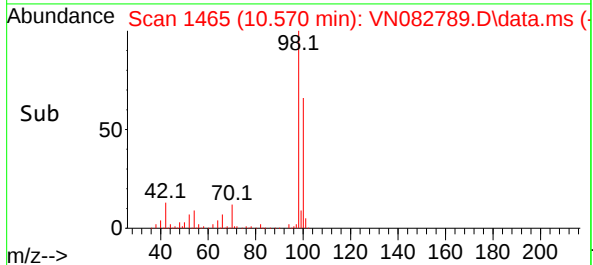
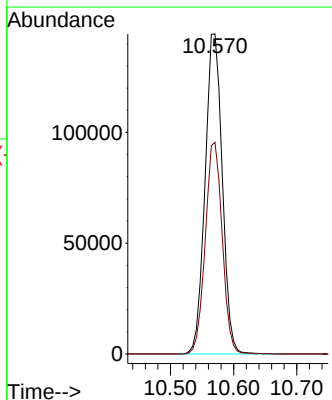
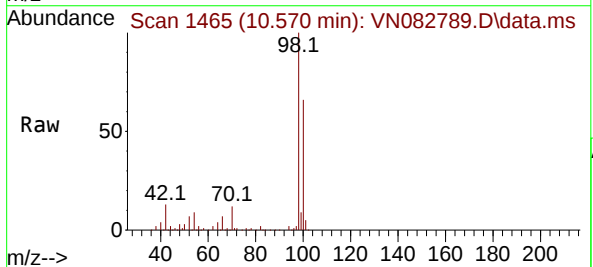
Instrument :  
MSVOA\_N  
ClientSampleId :  
S-3

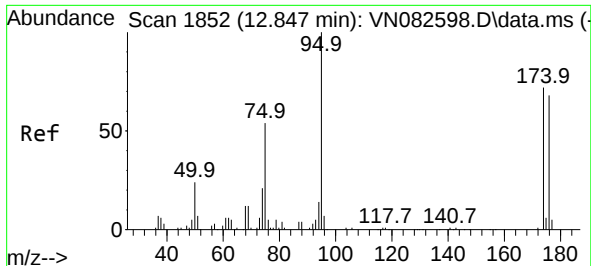
Tgt Ion: 43 Resp: 15526  
Ion Ratio Lower Upper  
43 100  
61 11.4 17.8 26.6#  
87 6.5 8.2 12.2#



#50  
Toluene-d8  
Concen: 51.970 ug/l  
RT: 10.570 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: VN082789.D  
Acq: 02 Jul 2024 16:23

Tgt Ion: 98 Resp: 273191  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.5 77.3

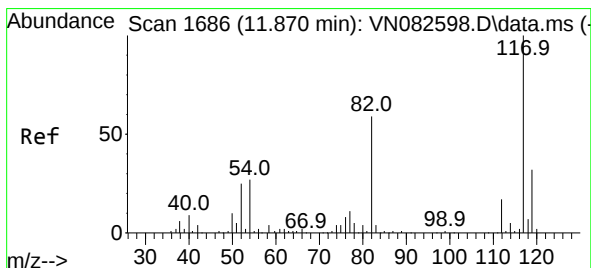
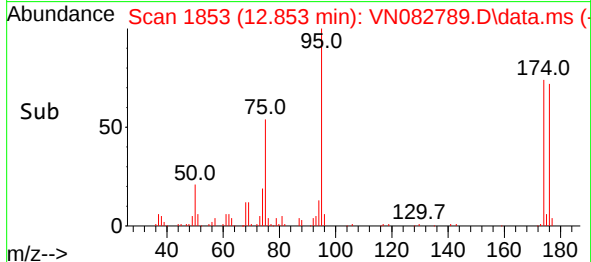
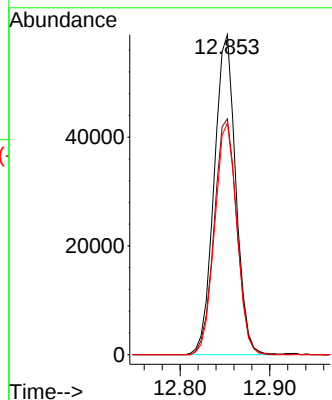
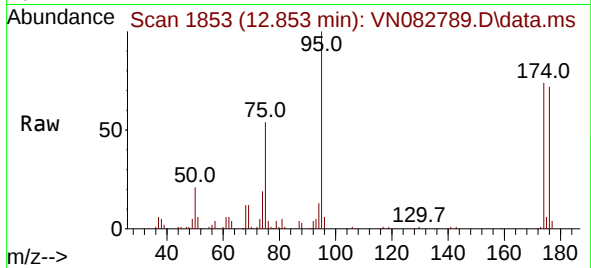




#62  
4-Bromofluorobenzene  
Concen: 54.556 ug/l  
RT: 12.853 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN082789.D  
Acq: 02 Jul 2024 16:23

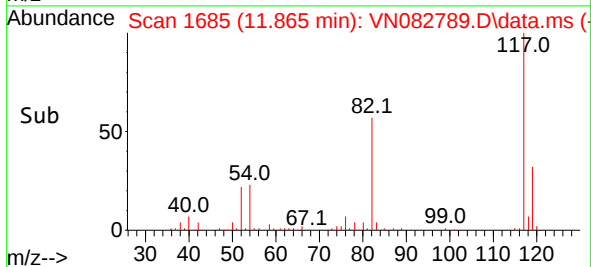
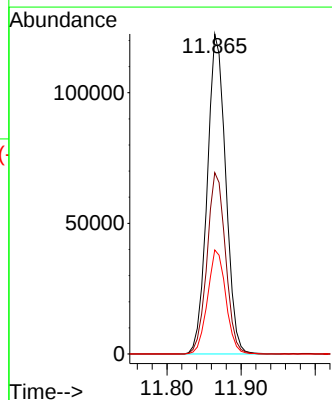
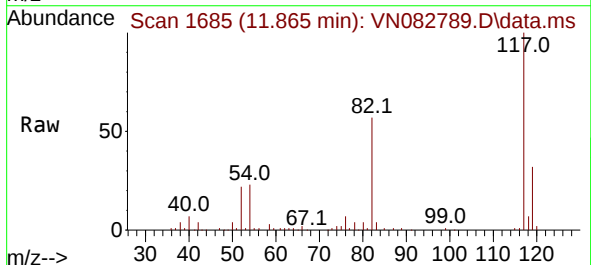
Instrument :  
MSVOA\_N  
ClientSampleId :  
S-3

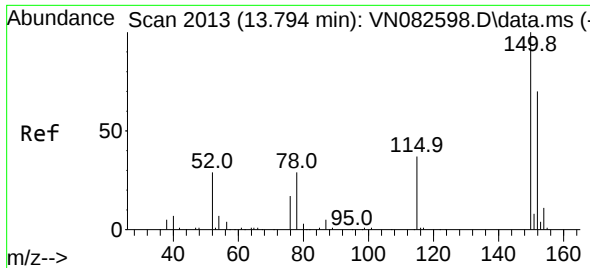
Tgt Ion: 95 Resp: 98488  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 159.2  
176 73.9 0.0 147.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.005 min  
Lab File: VN082789.D  
Acq: 02 Jul 2024 16:23

Tgt Ion: 117 Resp: 211680  
Ion Ratio Lower Upper  
117 100  
82 56.7 47.5 71.3  
119 32.5 25.6 38.4

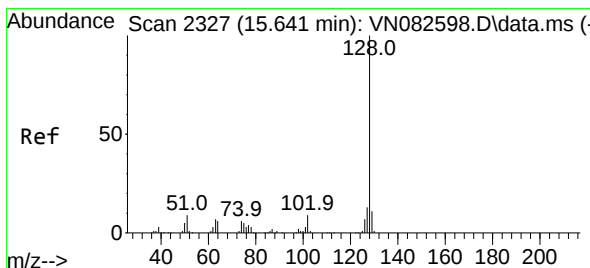
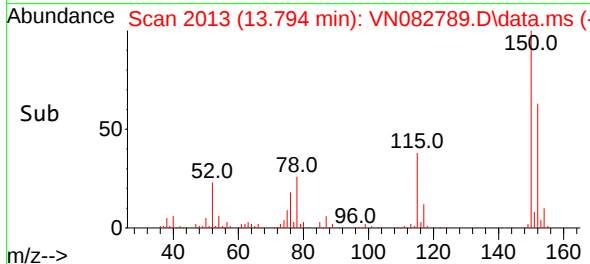
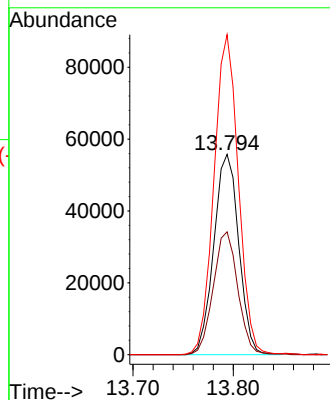
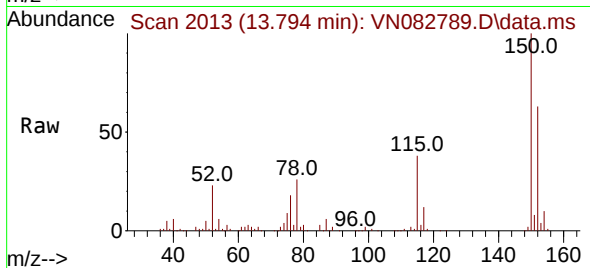




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: VN082789.D  
Acq: 02 Jul 2024 16:23

Instrument :  
MSVOA\_N  
ClientSampleId :  
S-3

Tgt Ion:152 Resp: 96237  
Ion Ratio Lower Upper  
152 100  
115 60.5 30.6 91.6  
150 155.9 0.0 348.6



#95  
Naphthalene  
Concen: 2.133 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. -0.000 min  
Lab File: VN082789.D  
Acq: 02 Jul 2024 16:23

Tgt Ion:128 Resp: 10968  
Ion Ratio Lower Upper  
128 100  
127 11.5 10.6 16.0  
129 10.4 8.6 12.8

