

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN110322\  
 Data File : VN075142.D  
 Acq On : 03 Nov 2022 14:24  
 Operator : JC\MD  
 Sample : N5395-17RE  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 S-10-103122RE

Quant Time: Nov 04 04:10:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 09:48:49 2022  
 Response via : Initial Calibration

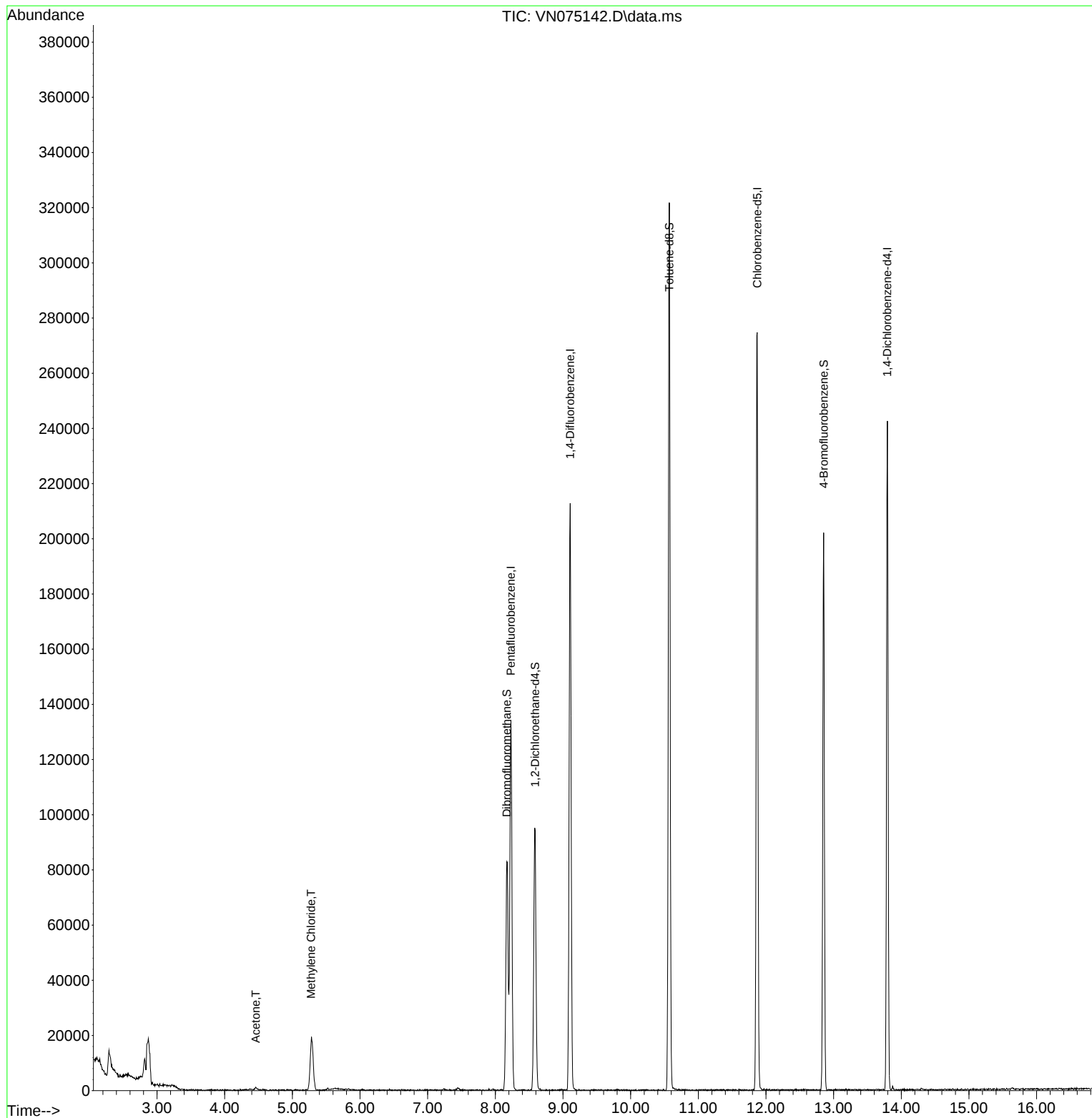
| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------------|----------|
| -----                       |        |       |          |          |             |          |
| Internal Standards          |        |       |          |          |             |          |
| 1) Pentafluorobenzene       | 8.229  | 168   | 91509    | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 181334   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 11.870 | 117   | 159420   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 61931    | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 80081    | 64.949   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 129.900%# |          |
| 35) Dibromofluoromethane    | 8.171  | 113   | 59135    | 55.551   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 111.100%  |          |
| 50) Toluene-d8              | 10.571 | 98    | 220954   | 53.499   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 107.000%  |          |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 65848    | 45.387   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 90.780%   |          |
| Target Compounds            |        |       |          |          |             |          |
|                             |        |       |          |          |             | Qvalue   |
| 16) Acetone                 | 4.459  | 43    | 1733     | 3.319    | ug/l        | 95       |
| 20) Methylene Chloride      | 5.277  | 84    | 15814    | 13.585   | ug/l        | 86       |
| -----                       |        |       |          |          |             |          |

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

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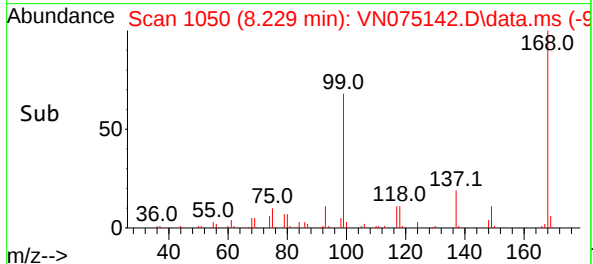
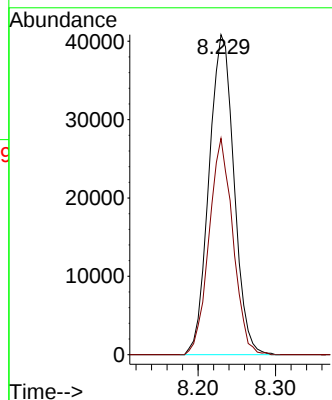
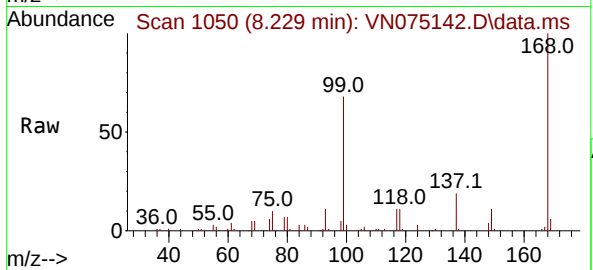




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 1050  
Delta R.T. -0.001 min  
Lab File: VN075142.D  
Acq: 03 Nov 2022 14:24

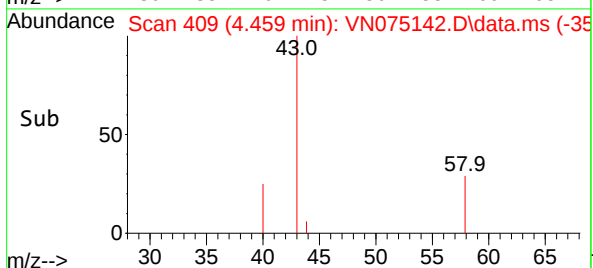
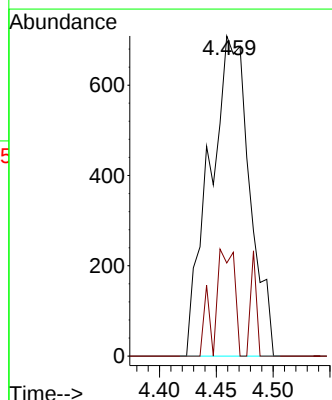
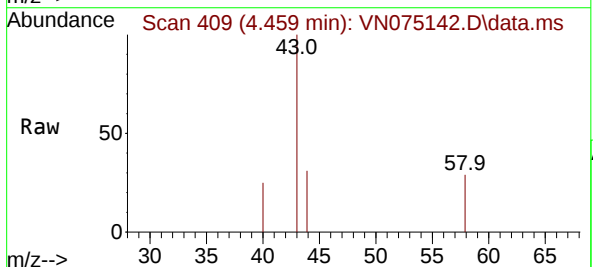
Instrument :  
MSVOA\_N  
ClientSampleId :  
S-10-103122RE

Tgt Ion:168 Resp: 91509  
Ion Ratio Lower Upper  
168 100  
99 67.6 51.6 77.4



#16  
Acetone  
Concen: 3.319 ug/l  
RT: 4.459 min Scan# 409  
Delta R.T. 0.017 min  
Lab File: VN075142.D  
Acq: 03 Nov 2022 14:24

Tgt Ion: 43 Resp: 1733  
Ion Ratio Lower Upper  
43 100  
58 29.1 25.5 38.3

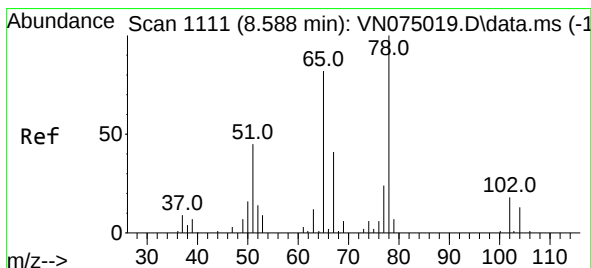
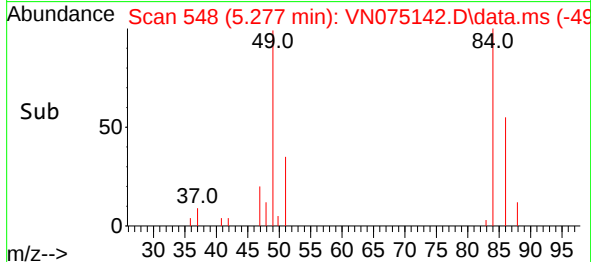
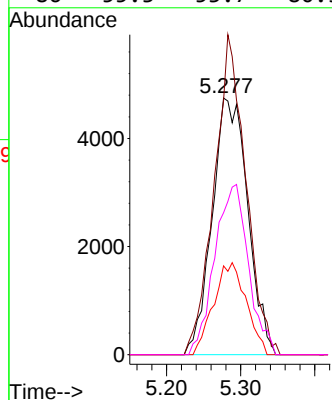
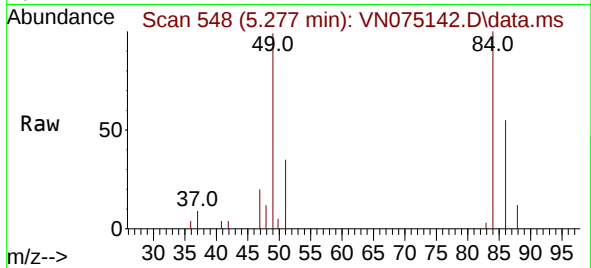




#20  
Methylene Chloride  
Concen: 13.585 ug/l  
RT: 5.277 min Scan# 549  
Delta R.T. -0.006 min  
Lab File: VN075142.D  
Acq: 03 Nov 2022 14:24

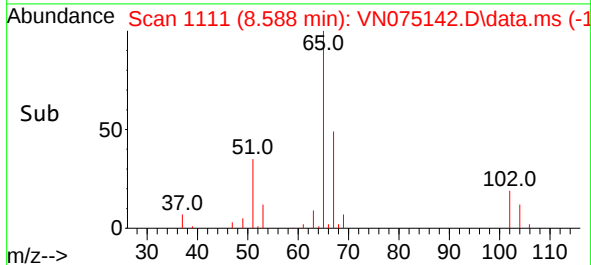
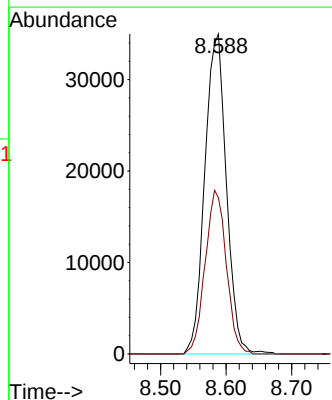
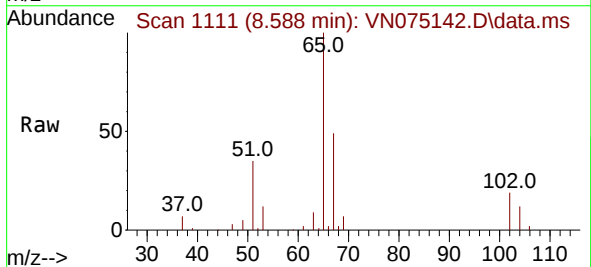
Instrument :  
MSVOA\_N  
ClientSampleId :  
S-10-103122RE

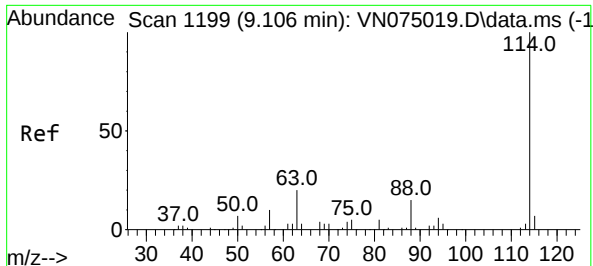
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 15814 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 98.9     | 94.9 142.3  |
| 51 34.6     | 26.8 40.2   |
| 86 55.3     | 53.7 80.5   |



#33  
1,2-Dichloroethane-d4  
Concen: 64.949 ug/l  
RT: 8.588 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VN075142.D  
Acq: 03 Nov 2022 14:24

|             |             |
|-------------|-------------|
| Tgt Ion: 65 | Resp: 80081 |
| Ion Ratio   | Lower Upper |
| 65 100      |             |
| 67 50.2     | 0.0 102.0   |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075142.D

Acq: 03 Nov 2022 14:24

Instrument :

MSVOA\_N

ClientSampleId :

S-10-103122RE

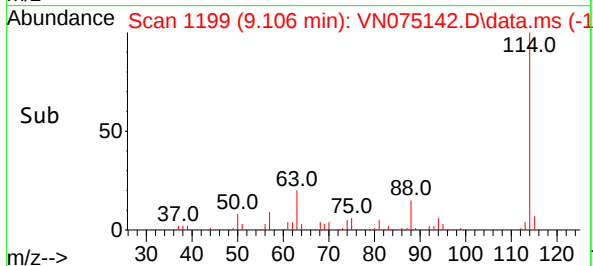
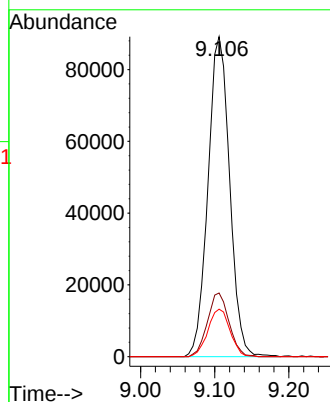
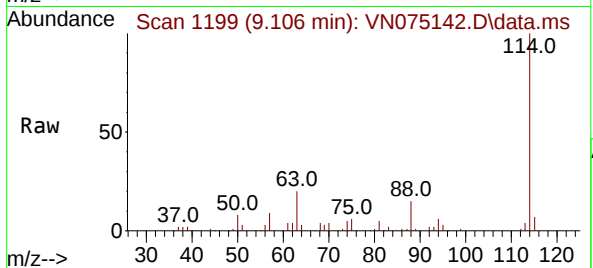
Tgt Ion:114 Resp: 181334

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.551 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075142.D

Acq: 03 Nov 2022 14:24

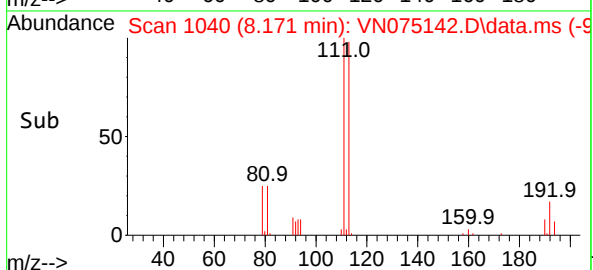
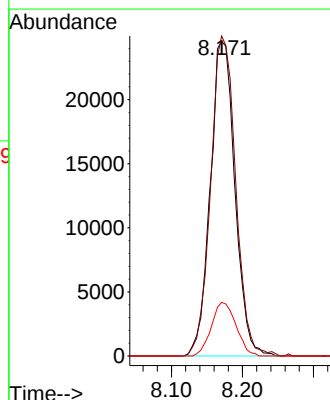
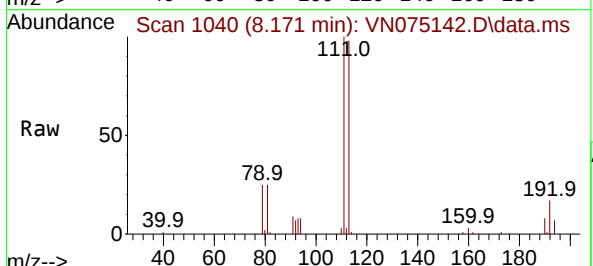
Tgt Ion:113 Resp: 59135

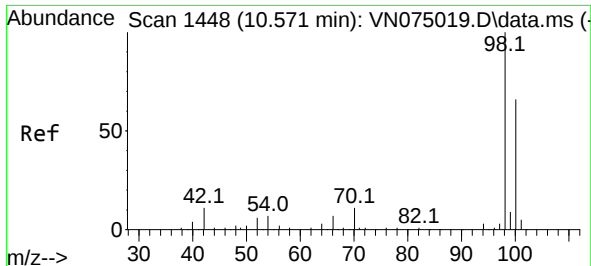
Ion Ratio Lower Upper

113 100

111 102.9 80.5 120.7

192 17.0 13.2 19.8

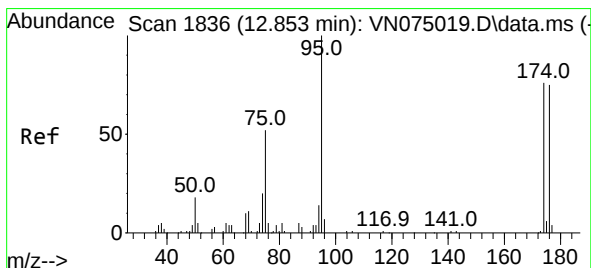
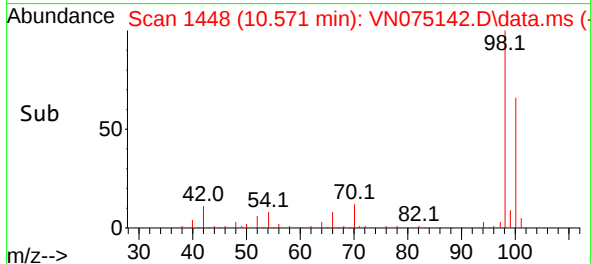
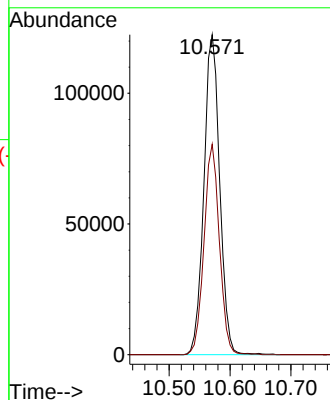
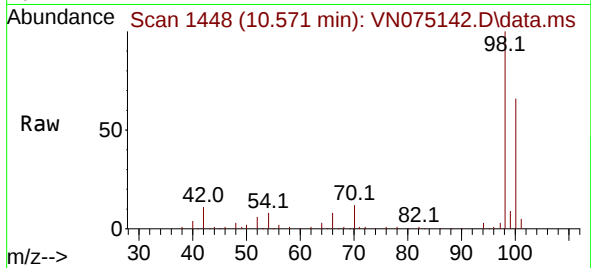




#50  
Toluene-d8  
Concen: 53.499 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN075142.D  
Acq: 03 Nov 2022 14:24

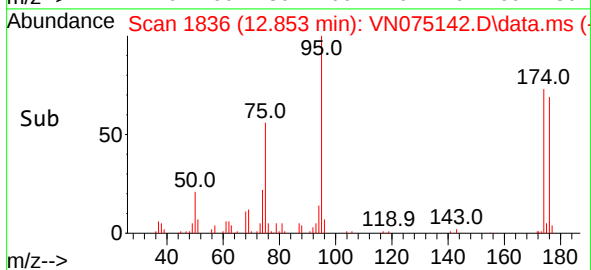
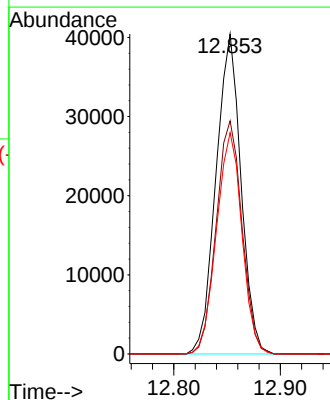
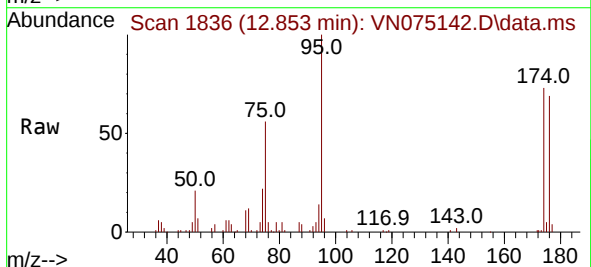
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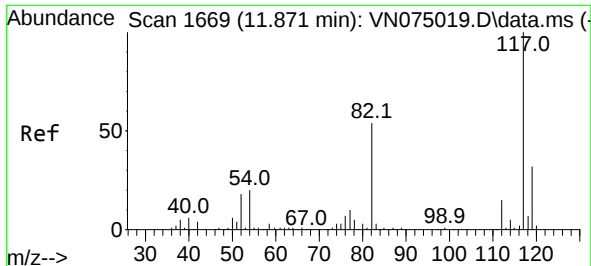
Tgt Ion: 98 Resp: 220954  
Ion Ratio Lower Upper  
98 100  
100 63.9 53.0 79.6



#62  
4-Bromofluorobenzene  
Concen: 45.387 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN075142.D  
Acq: 03 Nov 2022 14:24

Tgt Ion: 95 Resp: 65848  
Ion Ratio Lower Upper  
95 100  
174 74.9 0.0 147.4  
176 70.4 0.0 142.2

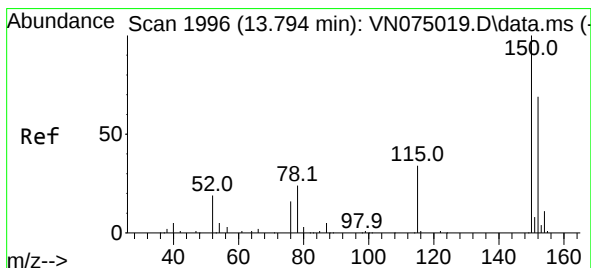
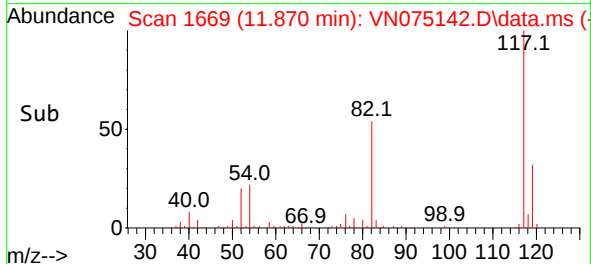
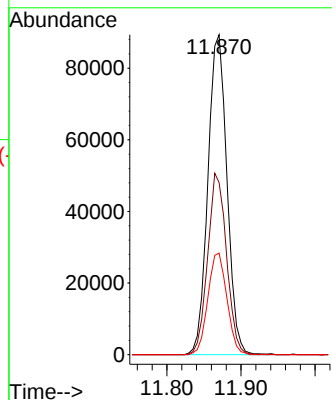
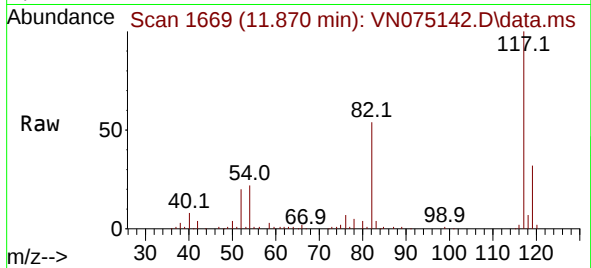




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1669  
Delta R.T. -0.001 min  
Lab File: VN075142.D  
Acq: 03 Nov 2022 14:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
S-10-103122RE

Tgt Ion:117 Resp: 159420  
Ion Ratio Lower Upper  
117 100  
82 53.8 43.1 64.7  
119 31.8 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075142.D  
Acq: 03 Nov 2022 14:24

Tgt Ion:152 Resp: 61931  
Ion Ratio Lower Upper  
152 100  
115 63.1 30.2 90.6  
150 158.0 0.0 348.4

