

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011723\  
 Data File : VN076280.D  
 Acq On : 17 Jan 2023 15:12  
 Operator : JC\MD  
 Sample : 01159-05  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MH-6

Quant Time: Jan 18 00:55:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:59:22 2023  
 Response via : Initial Calibration

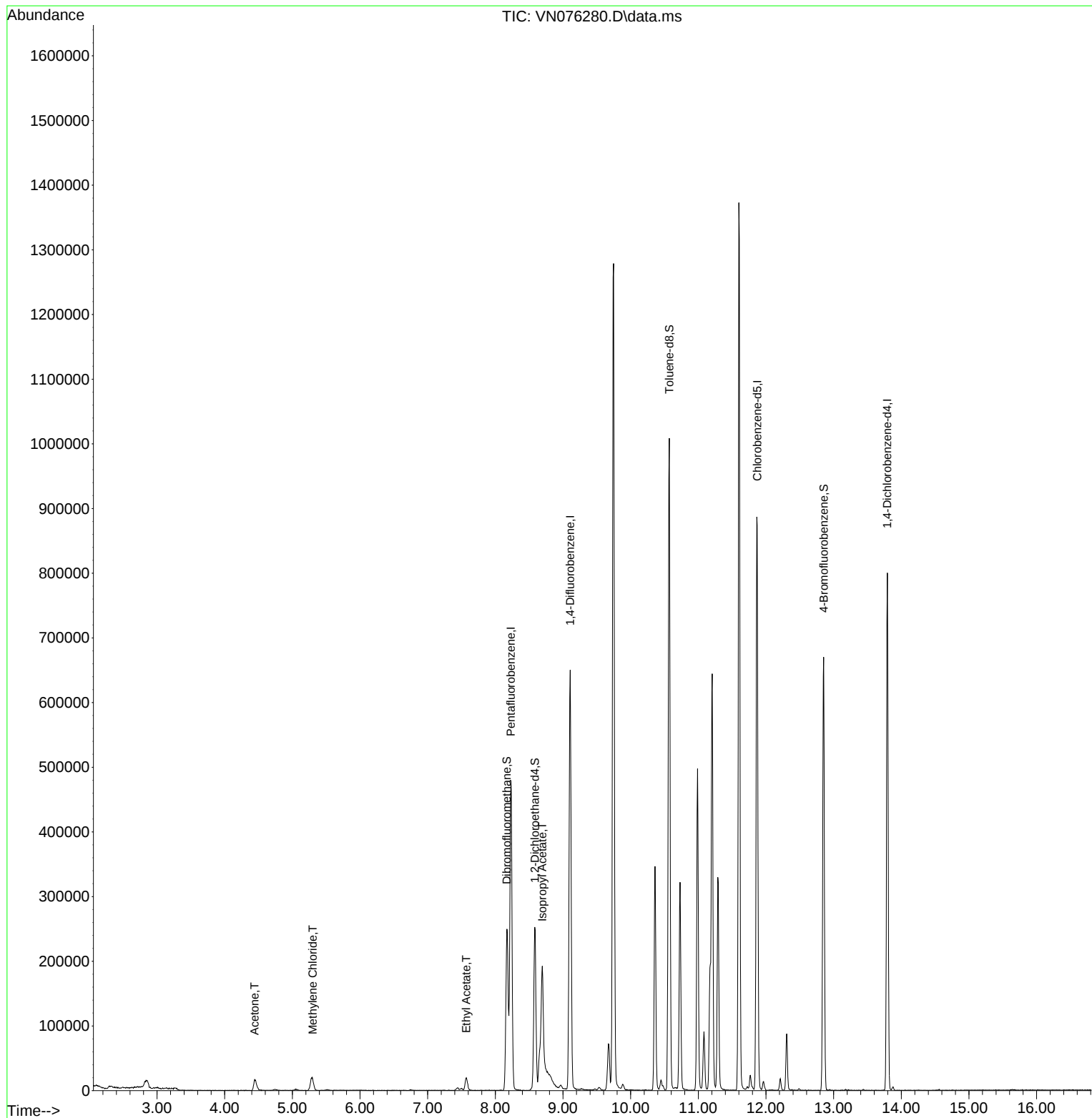
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230  | 168   | 369519   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106  | 114   | 605868   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871 | 117   | 540953   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 225303   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 206180   | 49.833   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 99.660%  |
| 35) Dibromofluoromethane    | 8.171  | 113   | 178989   | 47.227   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.460%  |
| 50) Toluene-d8              | 10.571 | 98    | 708237   | 50.600   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 101.200% |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 220708   | 48.302   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 96.600%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.442  | 43    | 32621    | 24.528   | ug/l # | 86       |
| 20) Methylene Chloride      | 5.301  | 84    | 17914    | 4.010    | ug/l   | 92       |
| 37) Ethyl Acetate           | 7.571  | 43    | 28462    | 6.621    | ug/l   | 96       |
| 43) Isopropyl Acetate       | 8.695  | 43    | 269584   | 38.363   | ug/l # | 74       |
| -----                       |        |       |          |          |        |          |

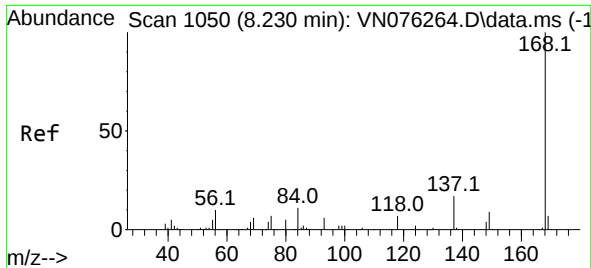
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 17 03:59:22 2023  
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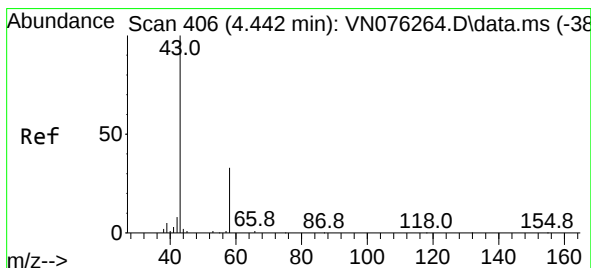
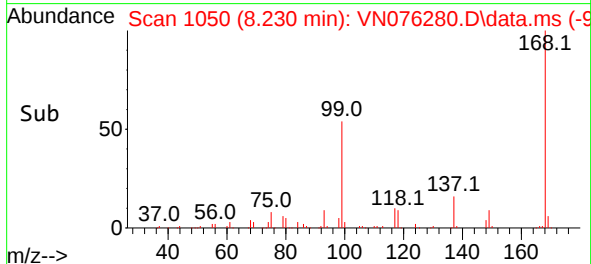
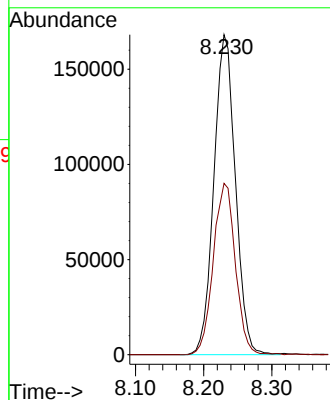
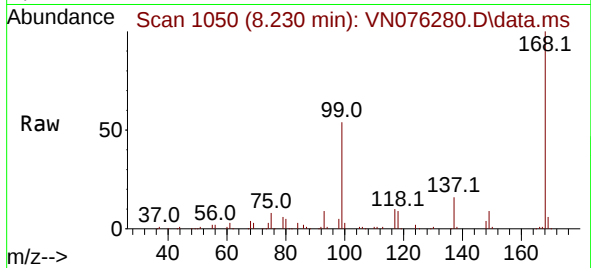




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

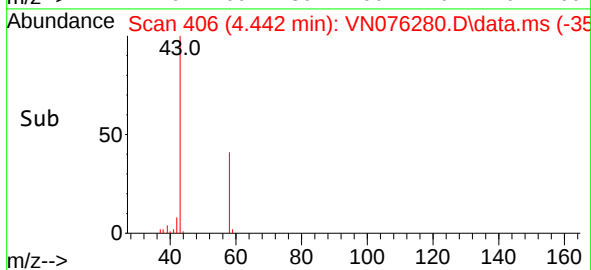
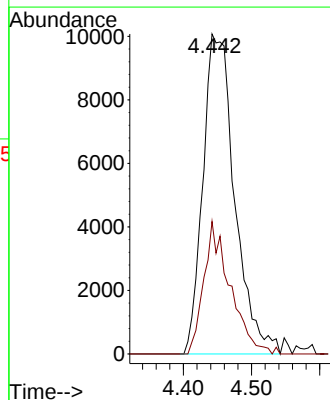
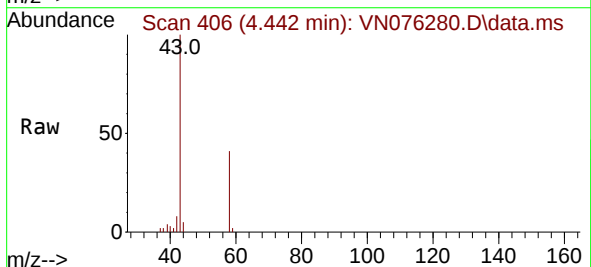
Instrument :  
MSVOA\_N  
ClientSampleId :  
MH-6

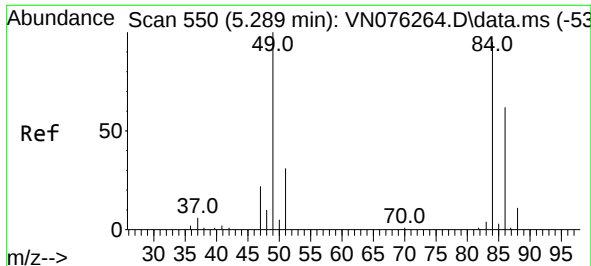
Tgt Ion:168 Resp: 369519  
Ion Ratio Lower Upper  
168 100  
99 53.6 41.6 62.4



#16  
Acetone  
Concen: 24.528 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

Tgt Ion: 43 Resp: 32621  
Ion Ratio Lower Upper  
43 100  
58 41.4 26.7 40.1#

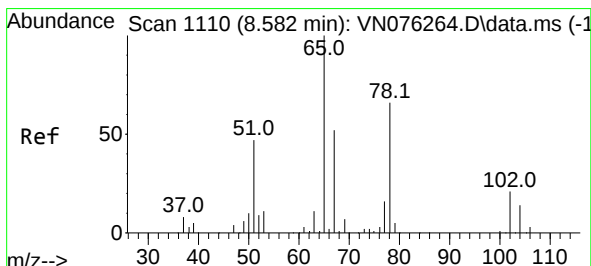
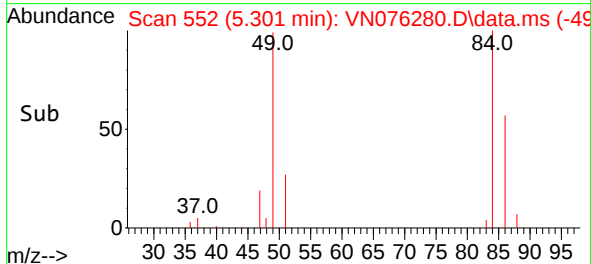
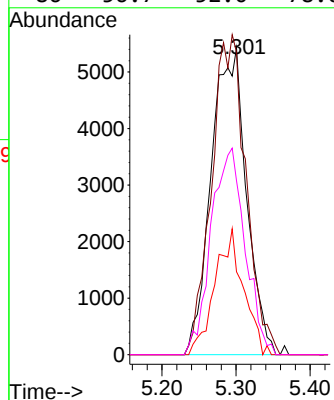
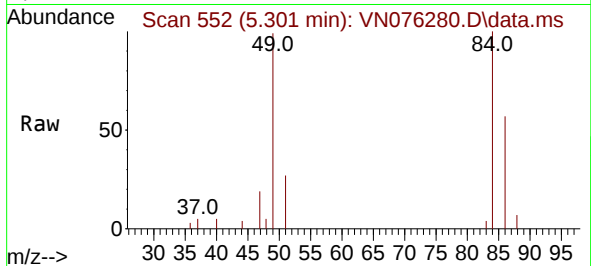




#20  
Methylene Chloride  
Concen: 4.010 ug/l  
RT: 5.301 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

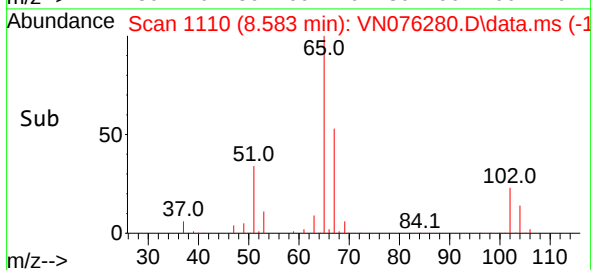
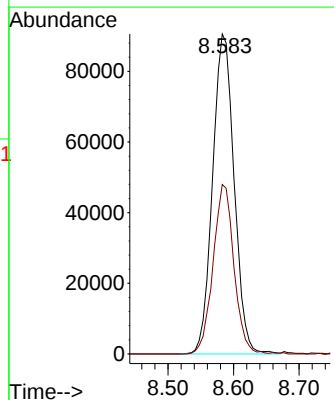
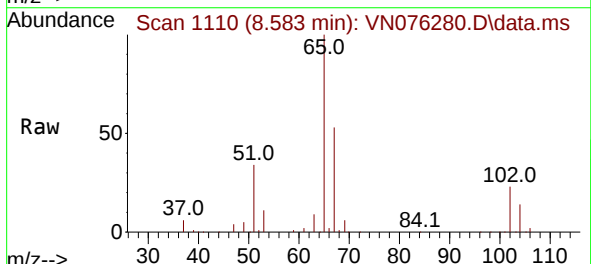
Instrument :  
MSVOA\_N  
ClientSampleId :  
MH-6

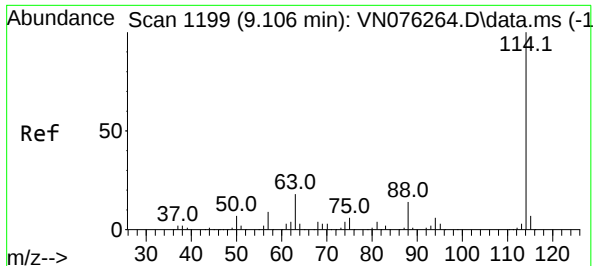
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 17914 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 98.6     | 84.5 126.7  |
| 51 27.0     | 26.0 39.0   |
| 86 56.7     | 52.0 78.0   |



#33  
1,2-Dichloroethane-d4  
Concen: 49.833 ug/l  
RT: 8.583 min Scan# 1110  
Delta R.T. 0.001 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 206180 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 51.3     | 0.0 104.6    |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076280.D

Acq: 17 Jan 2023 15:12

Instrument :

MSVOA\_N

ClientSampleId :

MH-6

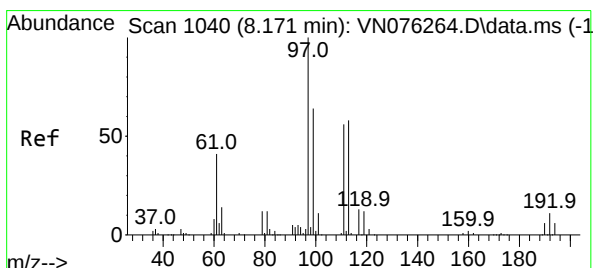
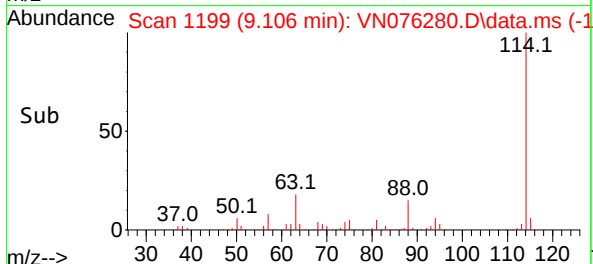
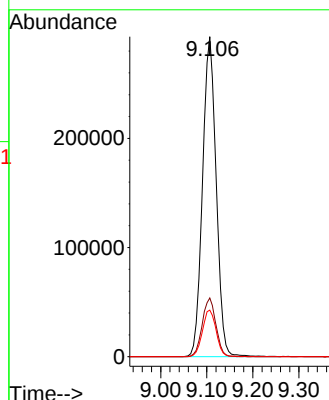
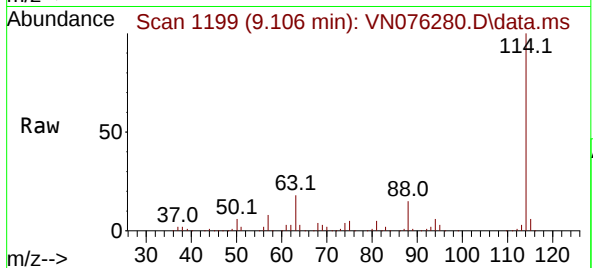
Tgt Ion:114 Resp: 605868

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.8

88 14.6 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.227 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076280.D

Acq: 17 Jan 2023 15:12

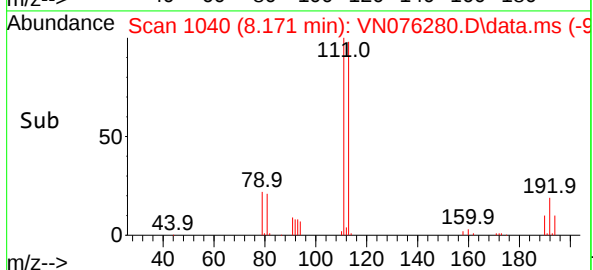
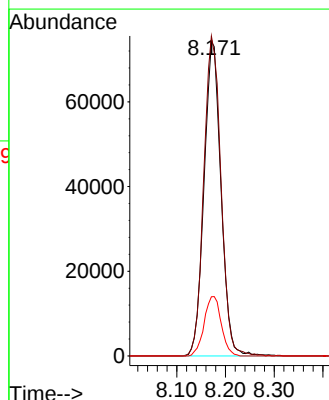
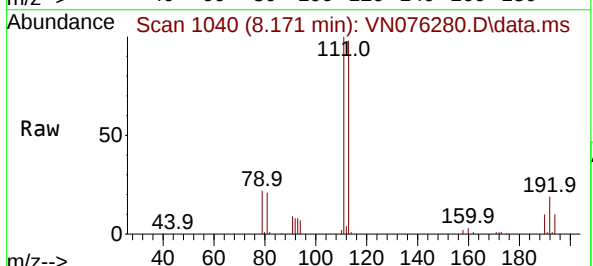
Tgt Ion:113 Resp: 178989

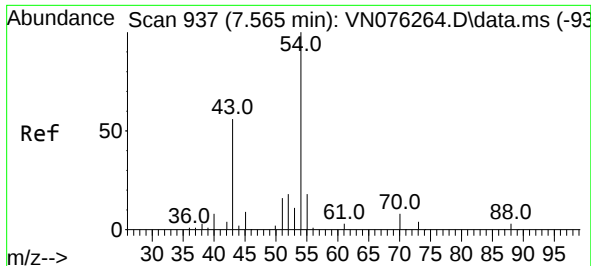
Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

192 19.1 15.6 23.4

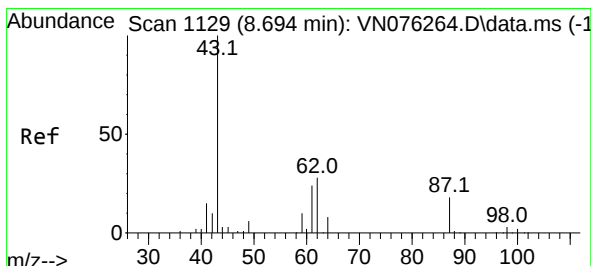
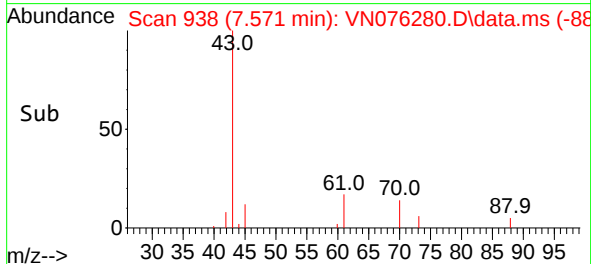
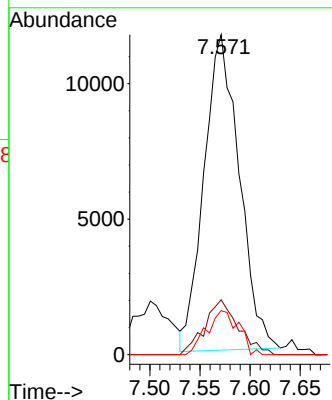
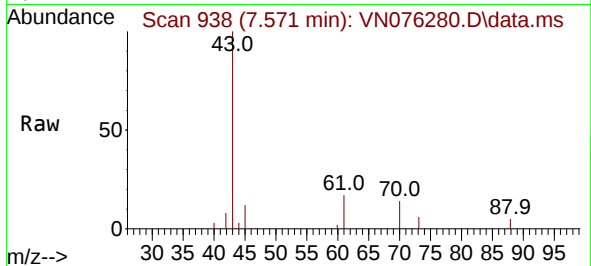




#37  
Ethyl Acetate  
Concen: 6.621 ug/l  
RT: 7.571 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

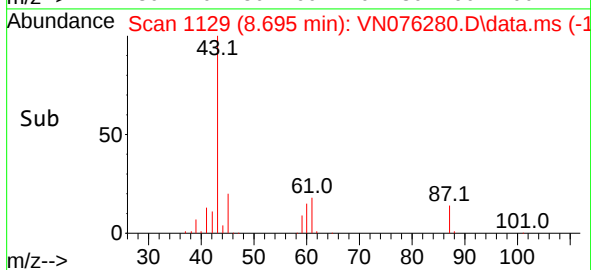
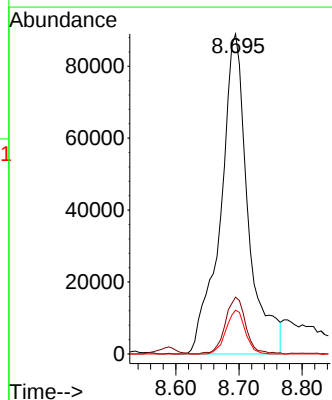
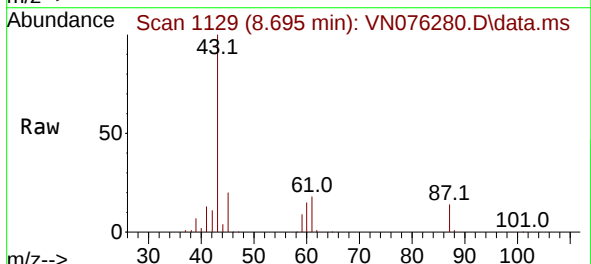
Instrument :  
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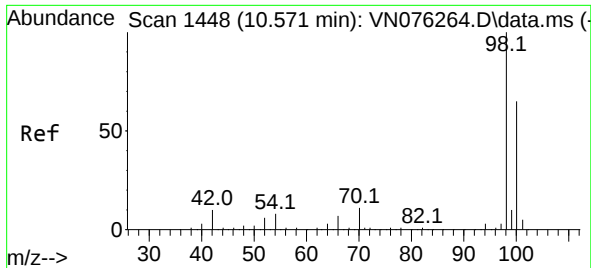
Tgt Ion: 43 Resp: 28462  
Ion Ratio Lower Upper  
43 100  
61 16.7 11.1 16.7  
70 12.7 10.0 15.0



#43  
Isopropyl Acetate  
Concen: 38.363 ug/l  
RT: 8.695 min Scan# 1129  
Delta R.T. 0.001 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

Tgt Ion: 43 Resp: 269584  
Ion Ratio Lower Upper  
43 100  
61 13.2 23.5 35.3#  
87 9.5 13.8 20.6#

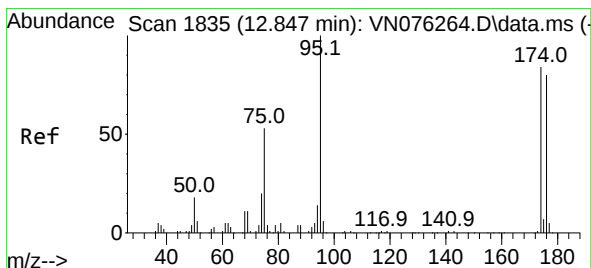
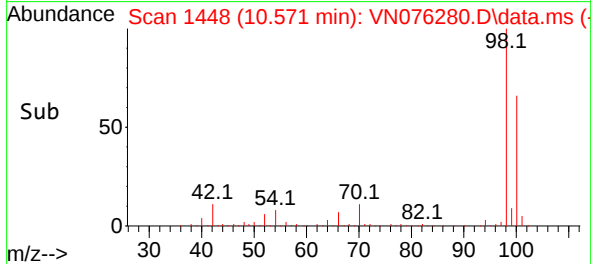
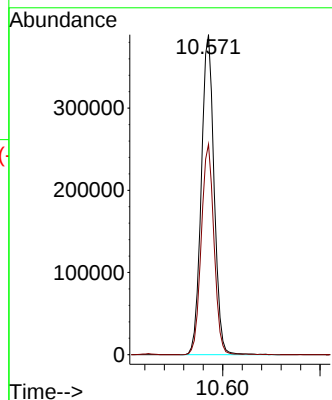
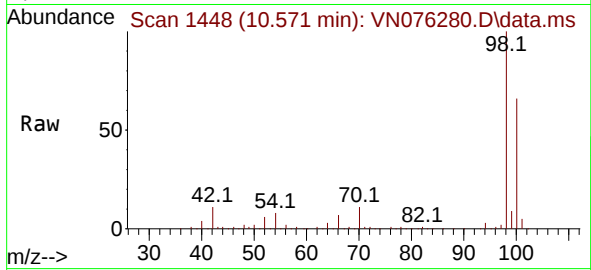




#50  
Toluene-d8  
Concen: 50.600 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

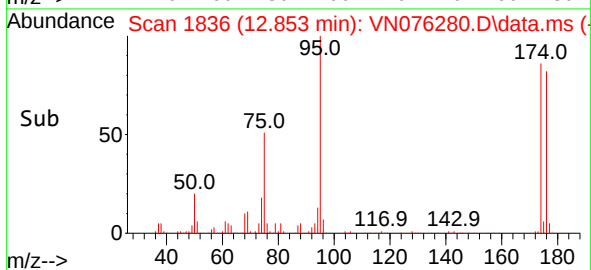
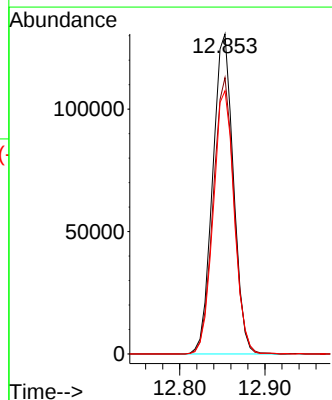
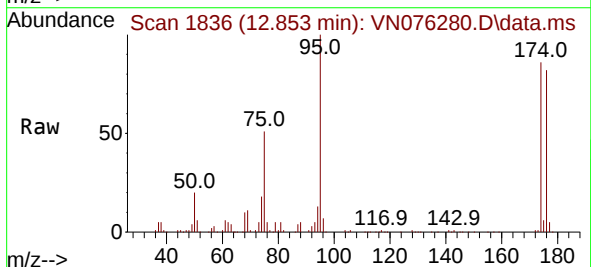
Instrument :  
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ClientSampleId :  
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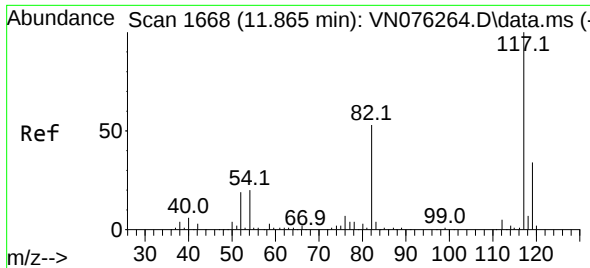
Tgt Ion: 98 Resp: 708237  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.2 78.4



#62  
4-Bromofluorobenzene  
Concen: 48.302 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

Tgt Ion: 95 Resp: 220708  
Ion Ratio Lower Upper  
95 100  
174 87.1 0.0 174.6  
176 83.2 0.0 167.8

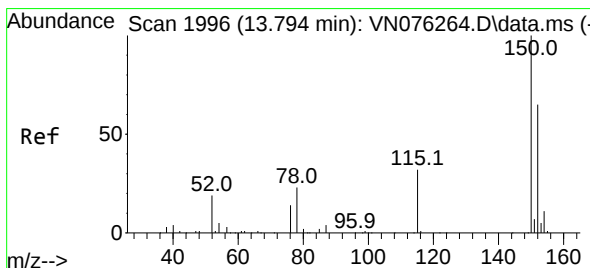
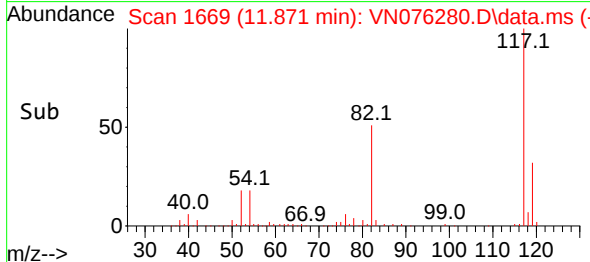
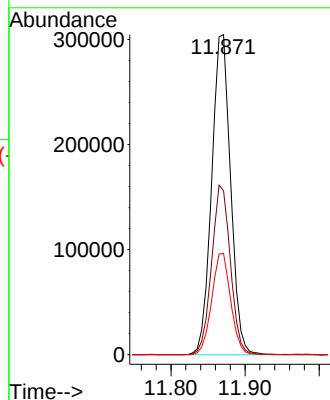
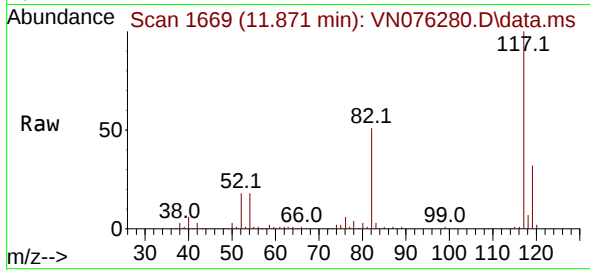




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

Instrument :  
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Tgt Ion:117 Resp: 540953  
Ion Ratio Lower Upper  
117 100  
82 51.2 42.2 63.2  
119 31.7 26.9 40.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN076280.D  
Acq: 17 Jan 2023 15:12

Tgt Ion:152 Resp: 225303  
Ion Ratio Lower Upper  
152 100  
115 57.3 29.6 88.9  
150 155.2 0.0 351.4

