

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN041624\  
 Data File : VN081756.D  
 Acq On : 16 Apr 2024 14:03  
 Operator : JC\MD  
 Sample : P2070-06  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-3

Quant Time: Apr 17 03:24:35 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041524W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 15 15:37:39 2024  
 Response via : Initial Calibration

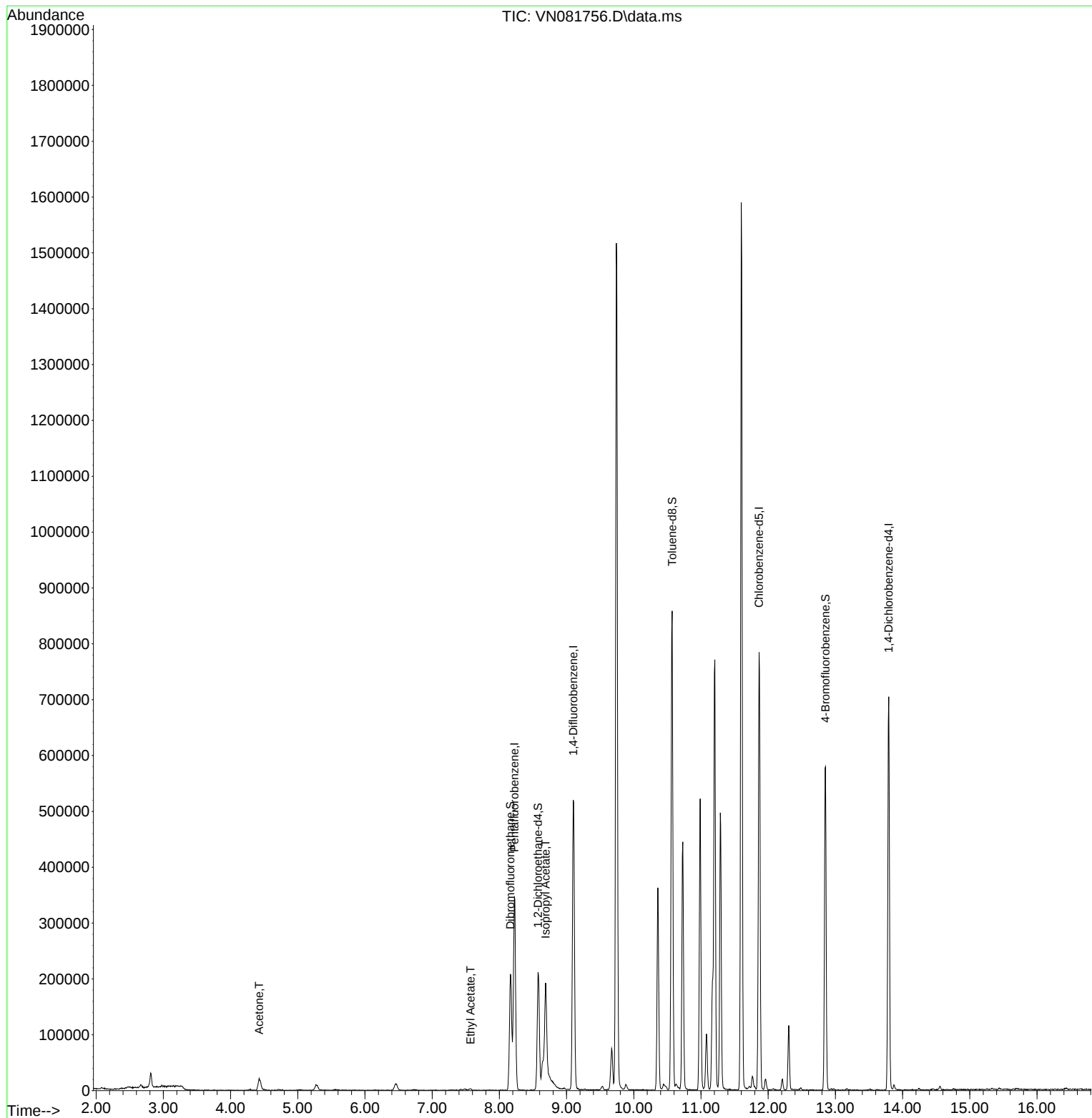
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.224  | 168   | 241695   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.100  | 114   | 460848   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.865 | 117   | 460297   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794 | 152   | 188062   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 178025   | 52.344   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.680% |          |
| 35) Dibromofluoromethane    | 8.165  | 113   | 147005   | 48.306   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 96.620%  |          |
| 50) Toluene-d8              | 10.571 | 98    | 594346   | 53.015   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 106.020% |          |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 200264   | 52.273   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 64 - 133 | Recovery | = 104.540% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 4.424  | 43    | 38322    | 40.484   | ug/l       | 98       |
| 37) Ethyl Acetate           | 7.571  | 43    | 4114     | 1.181    | ug/l #     | 82       |
| 43) Isopropyl Acetate       | 8.688  | 43    | 289029   | 44.466   | ug/l #     | 74       |
| -----                       |        |       |          |          |            |          |

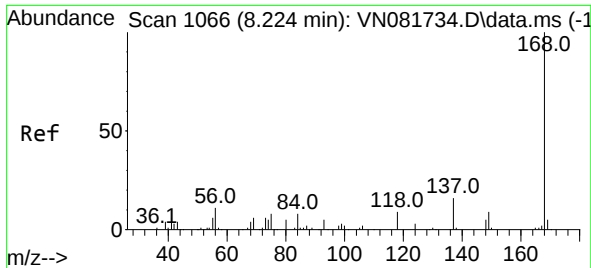
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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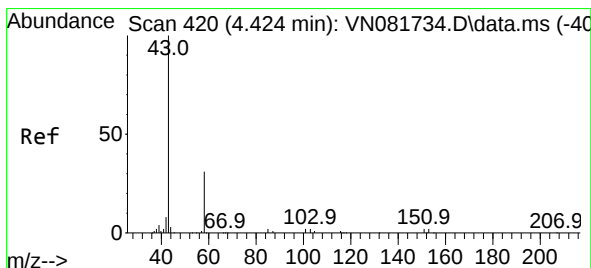
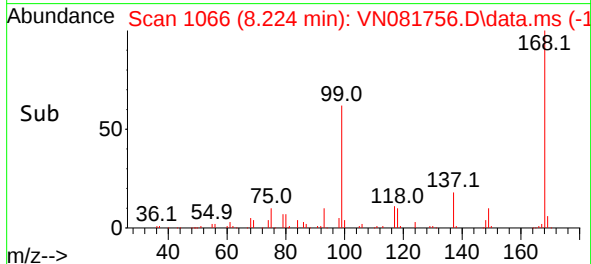
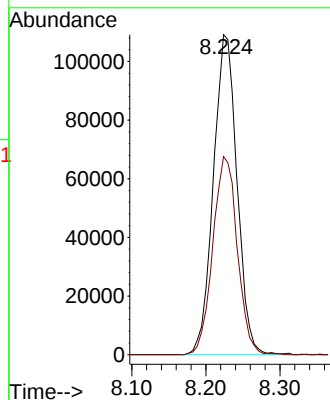
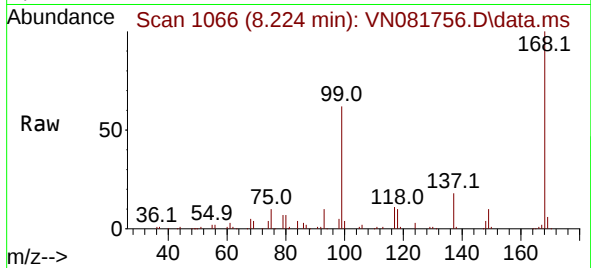




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN081756.D  
Acq: 16 Apr 2024 14:03

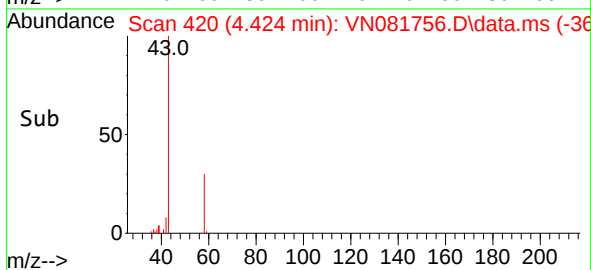
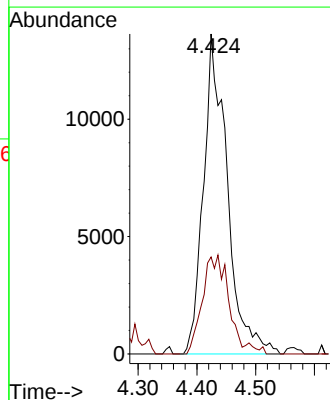
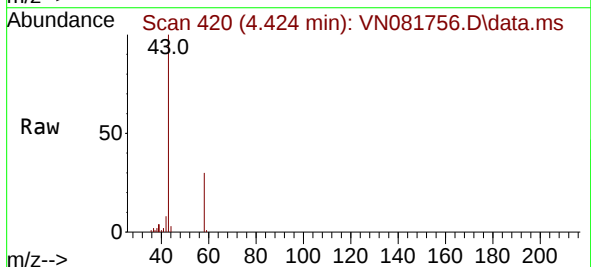
Instrument :  
MSVOA\_N  
ClientSampleId :  
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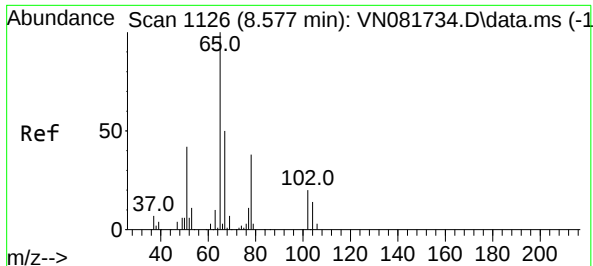
Tgt Ion:168 Resp: 241695  
Ion Ratio Lower Upper  
168 100  
99 61.9 48.2 72.4



#16  
Acetone  
Concen: 40.484 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN081756.D  
Acq: 16 Apr 2024 14:03

Tgt Ion: 43 Resp: 38322  
Ion Ratio Lower Upper  
43 100  
58 30.3 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 52.344 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

Instrument :

MSVOA\_N

ClientSampleId :

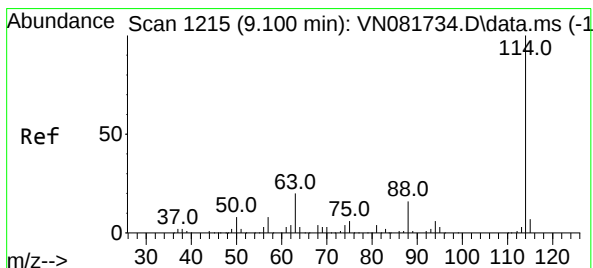
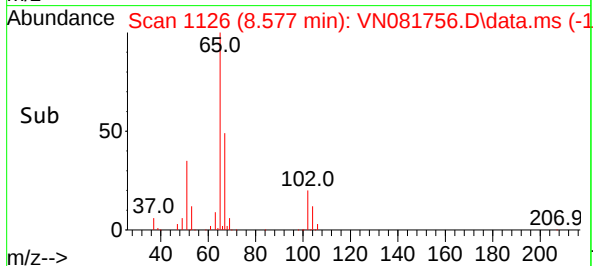
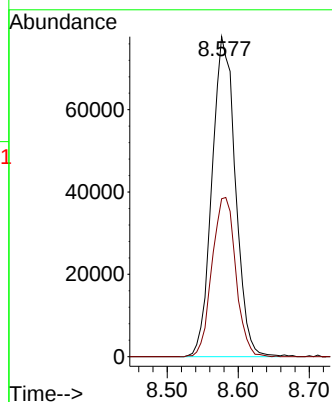
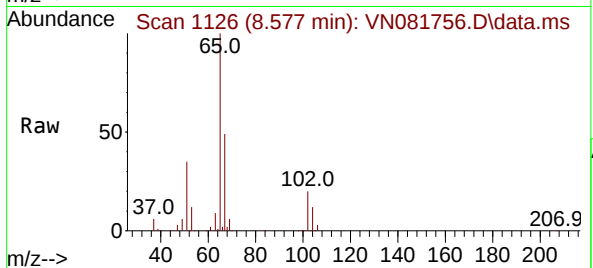
TP-3

Tgt Ion: 65 Resp: 178025

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081756.D

Acq: 16 Apr 2024 14:03

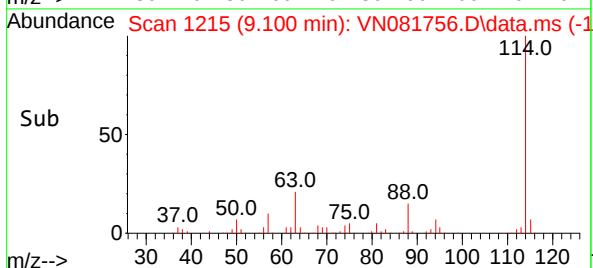
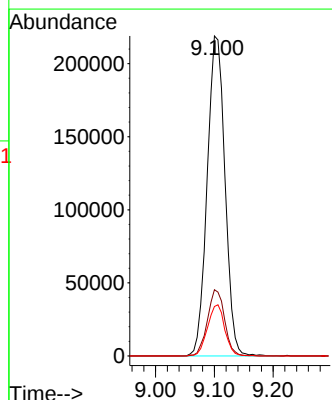
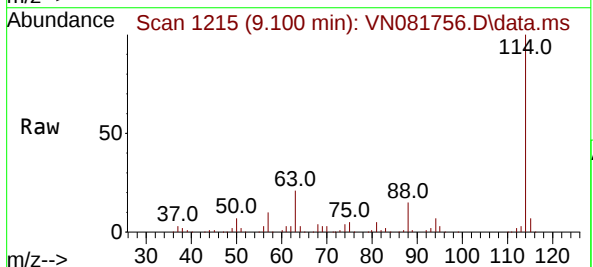
Tgt Ion: 114 Resp: 460848

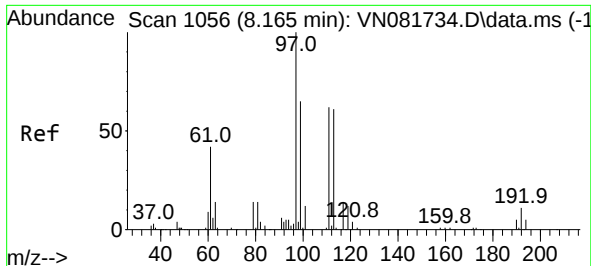
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.0

88 15.4 0.0 31.4

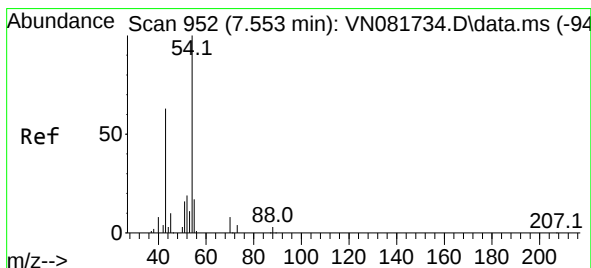
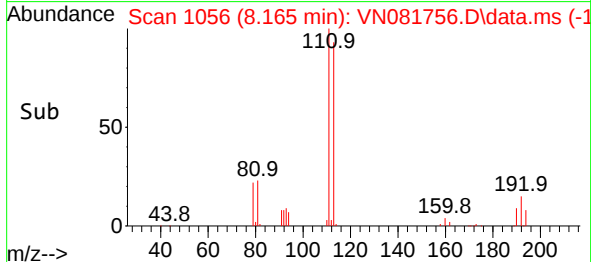
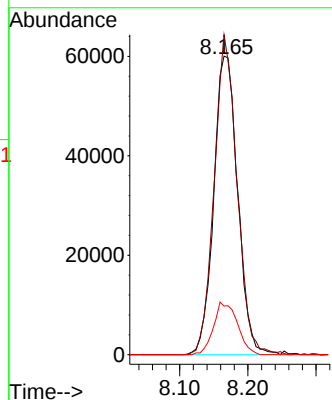
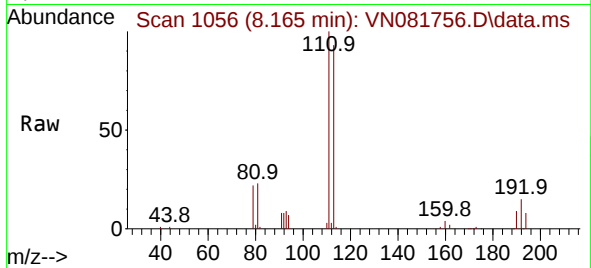




#35  
Dibromofluoromethane  
Concen: 48.306 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN081756.D  
Acq: 16 Apr 2024 14:03

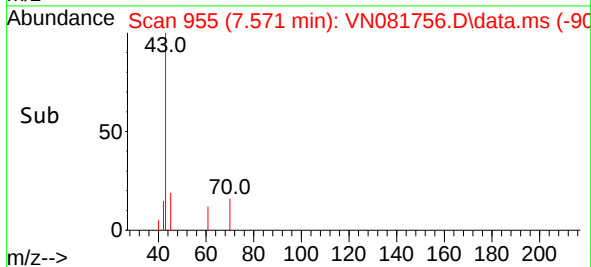
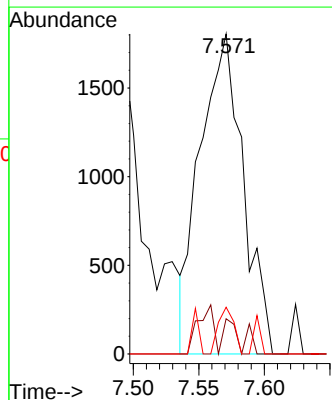
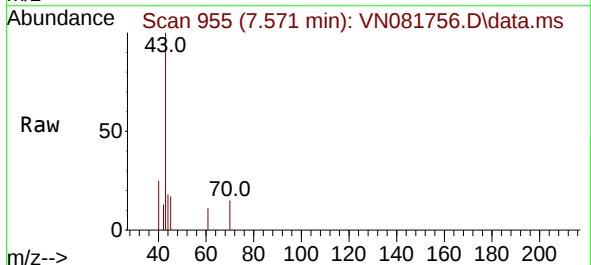
Instrument :  
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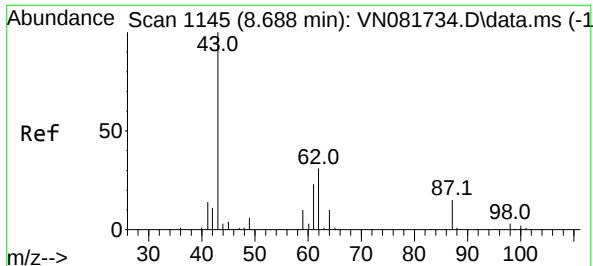
Tgt Ion:113 Resp: 147005  
Ion Ratio Lower Upper  
113 100  
111 101.8 83.4 125.2  
192 17.5 14.0 21.0



#37  
Ethyl Acetate  
Concen: 1.181 ug/l  
RT: 7.571 min Scan# 955  
Delta R.T. 0.018 min  
Lab File: VN081756.D  
Acq: 16 Apr 2024 14:03

Tgt Ion: 43 Resp: 4114  
Ion Ratio Lower Upper  
43 100  
61 5.6 11.3 16.9#  
70 5.3 8.7 13.1#

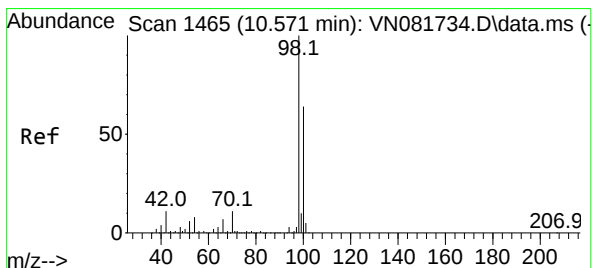
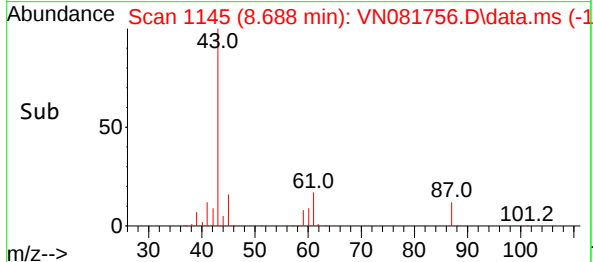
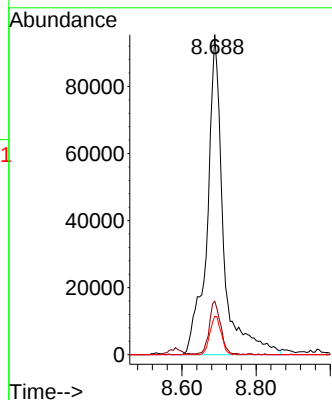
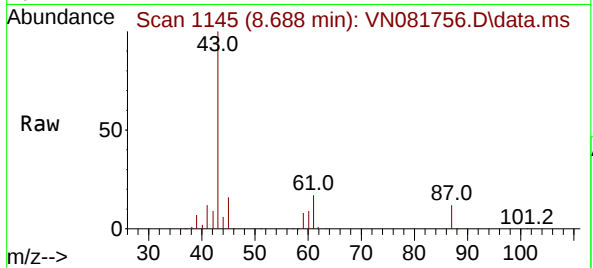




#43  
Isopropyl Acetate  
Concen: 44.466 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VN081756.D  
Acq: 16 Apr 2024 14:03

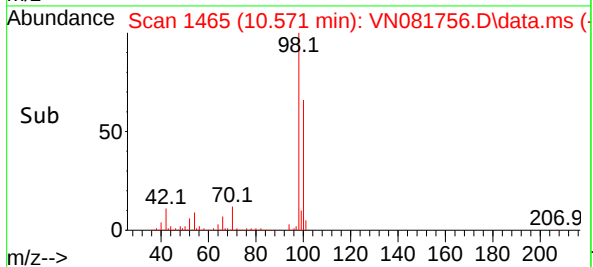
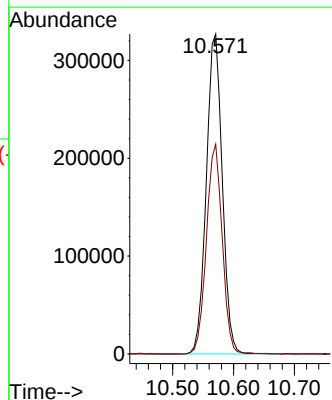
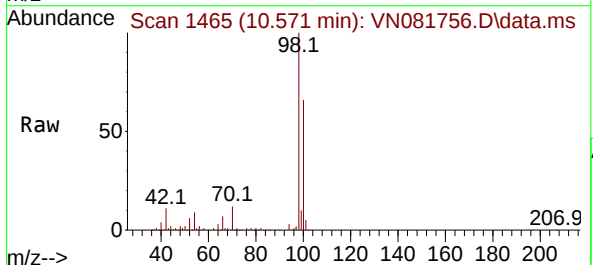
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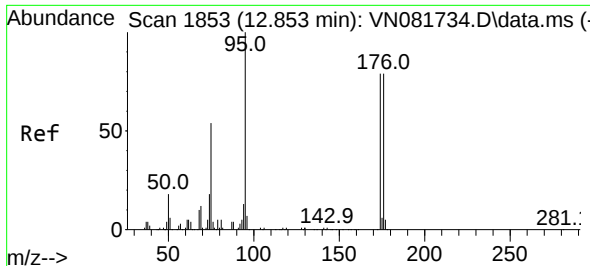
Tgt Ion: 43 Resp: 289029  
Ion Ratio Lower Upper  
43 100  
61 11.9 22.8 34.2#  
87 8.4 12.0 18.0#



#50  
Toluene-d8  
Concen: 53.015 ug/l  
RT: 10.571 min Scan# 1465  
Delta R.T. -0.000 min  
Lab File: VN081756.D  
Acq: 16 Apr 2024 14:03

Tgt Ion: 98 Resp: 594346  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.8 77.6

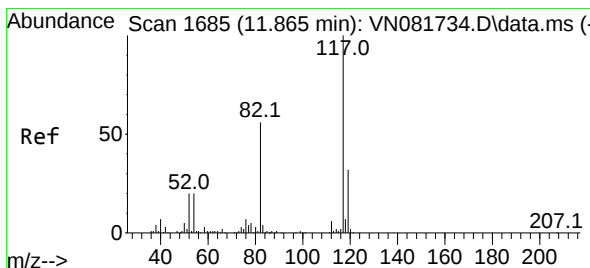
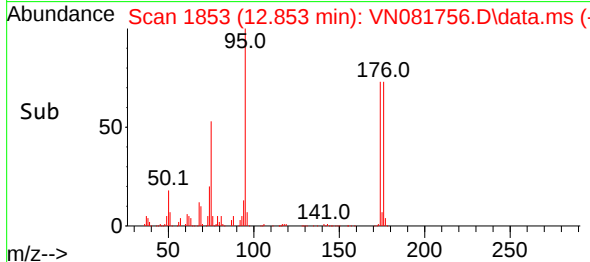
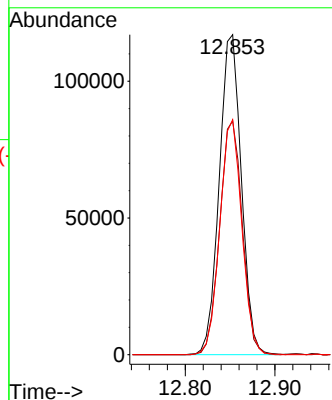
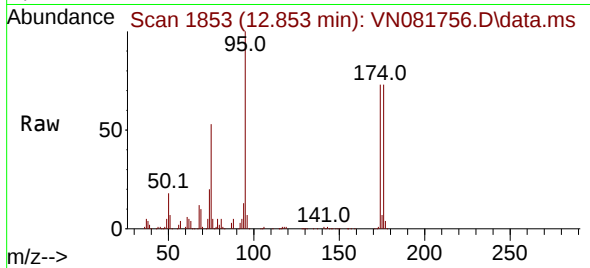




#62  
4-Bromofluorobenzene  
Concen: 52.273 ug/l  
RT: 12.853 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VN081756.D  
Acq: 16 Apr 2024 14:03

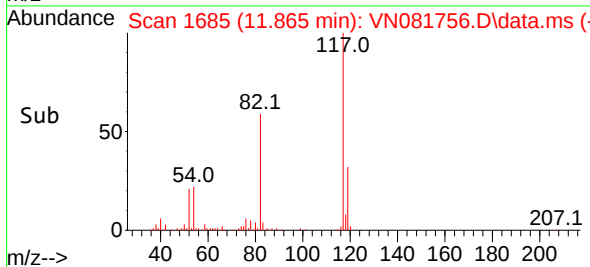
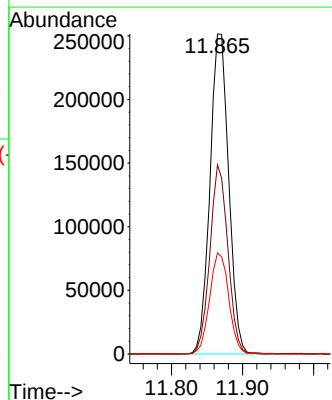
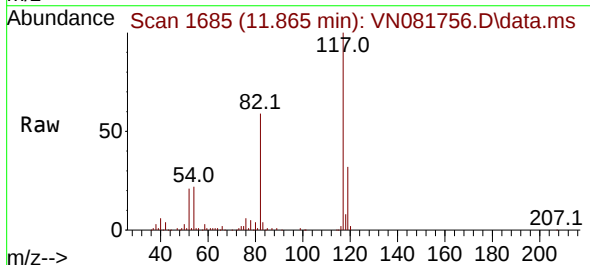
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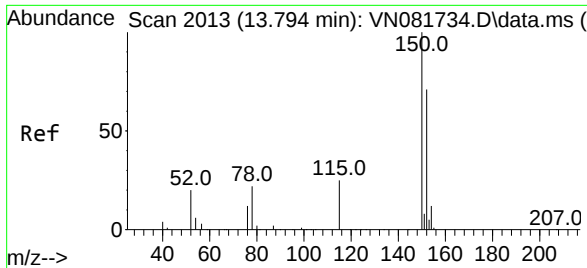
Tgt Ion: 95 Resp: 200264  
Ion Ratio Lower Upper  
95 100  
174 74.5 0.0 160.6  
176 72.9 0.0 152.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN081756.D  
Acq: 16 Apr 2024 14:03

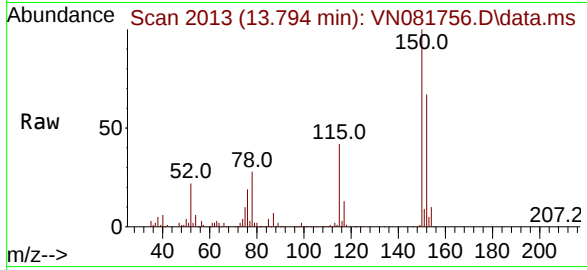
Tgt Ion: 117 Resp: 460297  
Ion Ratio Lower Upper  
117 100  
82 59.1 44.6 66.8  
119 31.5 25.9 38.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.794 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN081756.D  
 Acq: 16 Apr 2024 14:03

Instrument :  
 MSVOA\_N  
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Tgt Ion:152 Resp: 188062  
 Ion Ratio Lower Upper  
 152 100  
 115 63.6 30.4 91.3  
 150 152.9 0.0 353.2

