

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN042923\  
 Data File : VN077534.D  
 Acq On : 29 Apr 2023 21:19  
 Operator : JC\MD  
 Sample : 02535-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-10

Quant Time: May 01 01:26:47 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

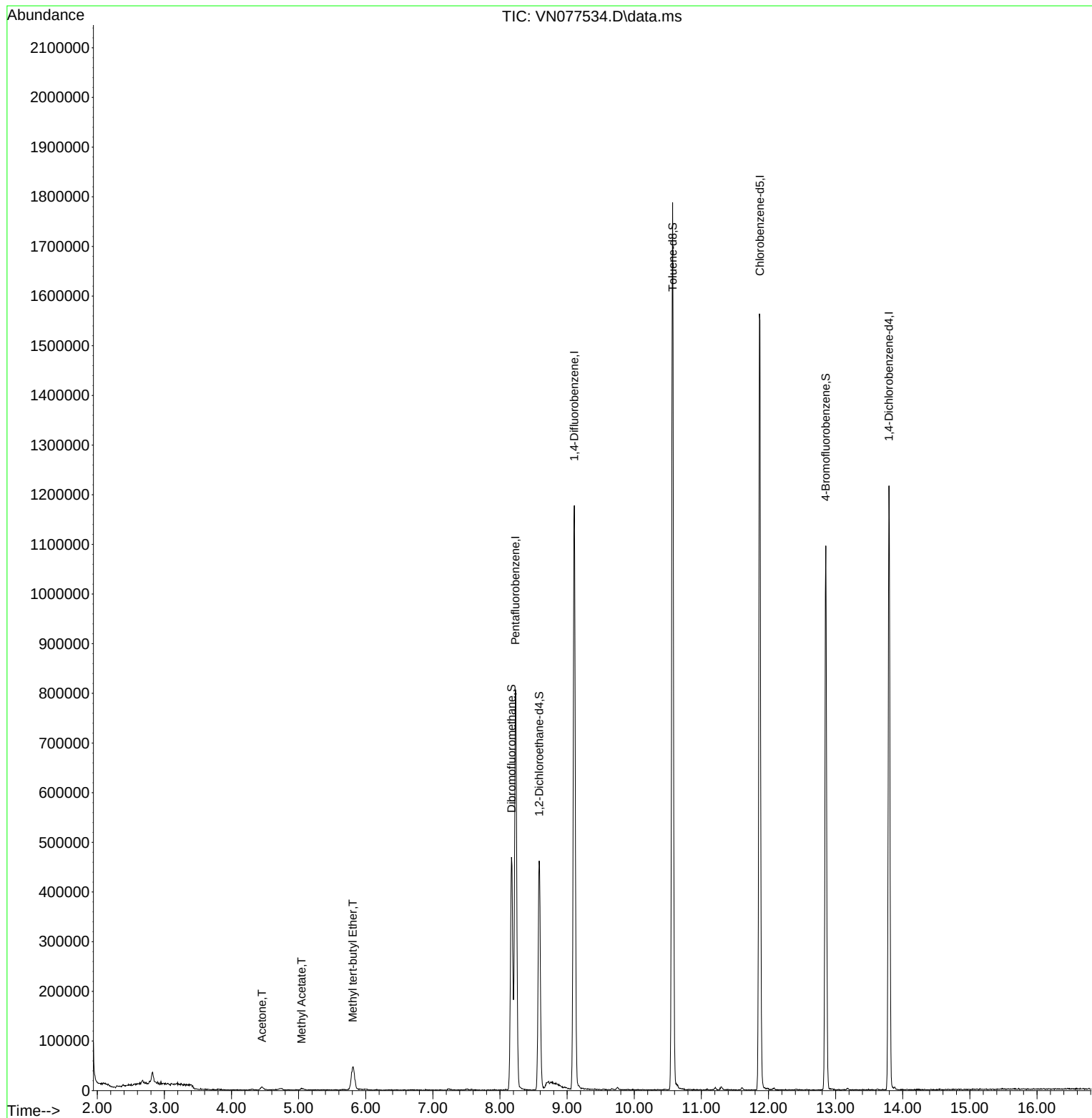
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.230     | 168   | 583068   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107     | 114   | 1110485  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.871    | 117   | 981031   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.795    | 152   | 335182   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.583     | 65    | 385013   | 50.604   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 101.200% |
| 35) Dibromofluoromethane    | 8.172     | 113   | 342655   | 51.338   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 102.680% |
| 50) Toluene-d8              | 10.571    | 98    | 1310037  | 51.212   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 102.420% |
| 62) 4-Bromofluorobenzene    | 12.854    | 95    | 400895   | 47.900   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 95.800%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.454     | 43    | 11441    | 4.727    | ug/l   | 97       |
| 18) Methyl Acetate          | 5.042     | 43    | 6859     | 0.734    | ug/l # | 82       |
| 19) Methyl tert-butyl Ether | 5.807     | 73    | 83568    | 3.862    | ug/l   | 98       |
| -----                       |           |       |          |          |        |          |

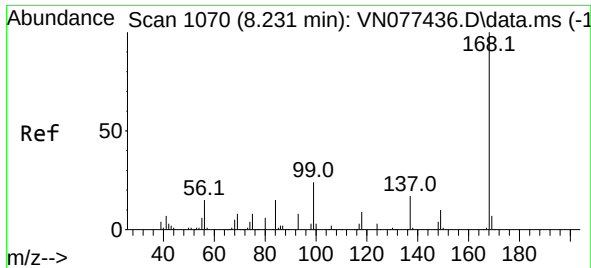
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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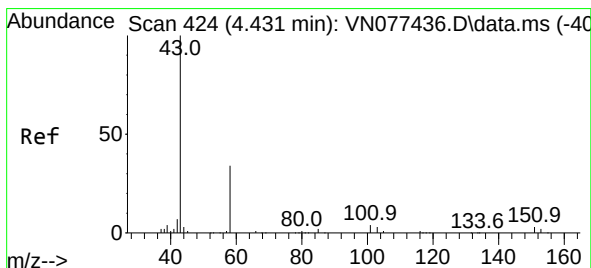
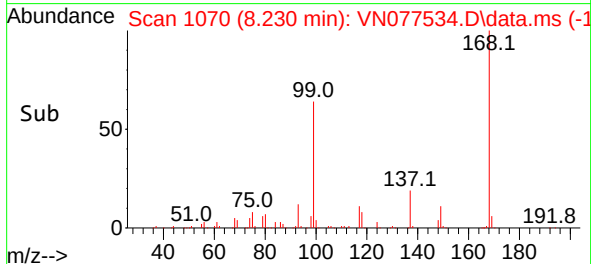
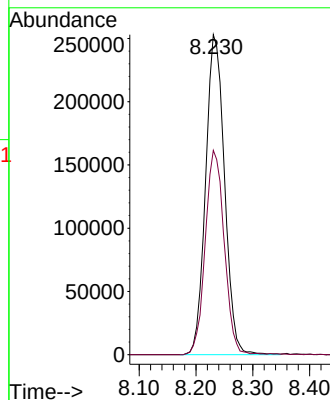
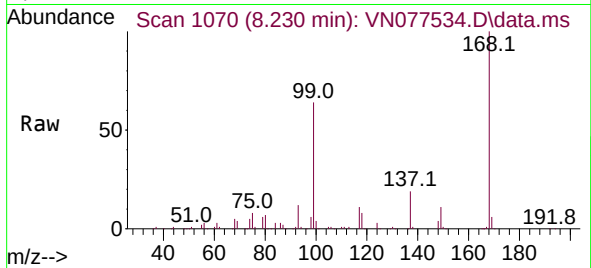




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1070  
Delta R.T. -0.001 min  
Lab File: VN077534.D  
Acq: 29 Apr 2023 21:19

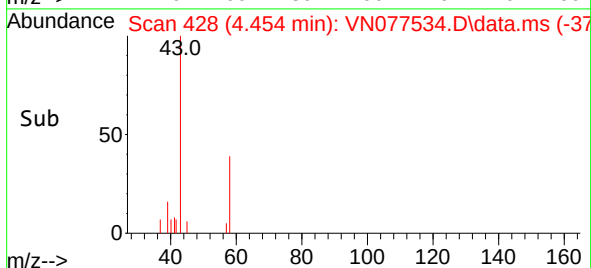
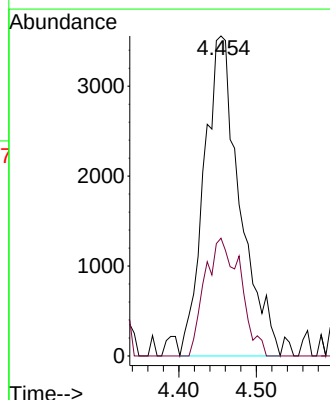
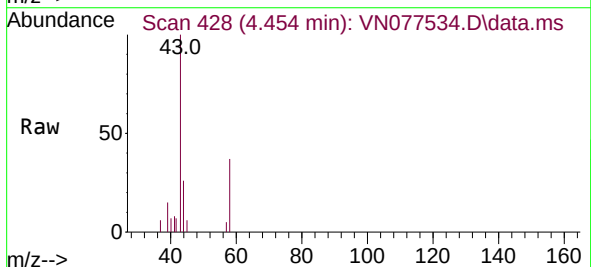
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-10

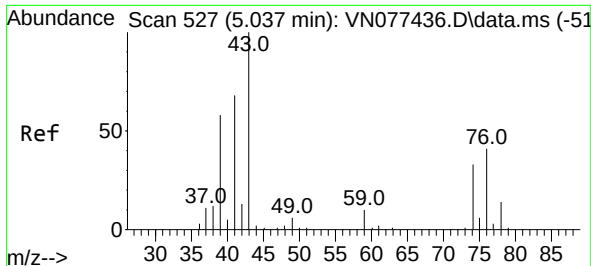
Tgt Ion:168 Resp: 583068  
Ion Ratio Lower Upper  
168 100  
99 63.9 53.0 79.6



#16  
Acetone  
Concen: 4.727 ug/l  
RT: 4.454 min Scan# 428  
Delta R.T. 0.023 min  
Lab File: VN077534.D  
Acq: 29 Apr 2023 21:19

Tgt Ion: 43 Resp: 11441  
Ion Ratio Lower Upper  
43 100  
58 36.8 28.0 42.0





#18

Methyl Acetate

Concen: 0.734 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN077534.D

Acq: 29 Apr 2023 21:19

Instrument :

MSVOA\_N

ClientSampleId :

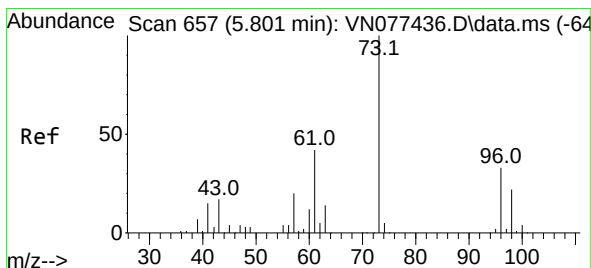
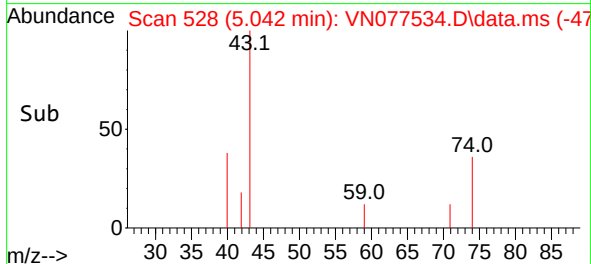
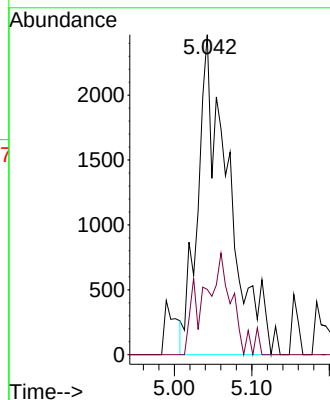
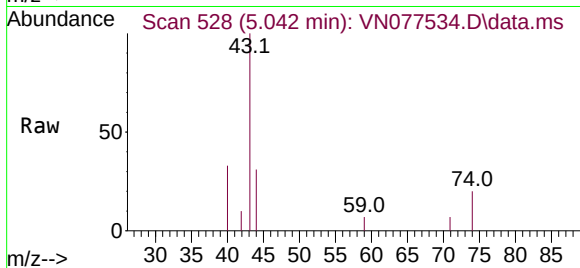
TP-10

Tgt Ion: 43 Resp: 6859

Ion Ratio Lower Upper

43 100

74 22.6 26.2 39.4#



#19

Methyl tert-butyl Ether

Concen: 3.862 ug/l

RT: 5.807 min Scan# 658

Delta R.T. 0.006 min

Lab File: VN077534.D

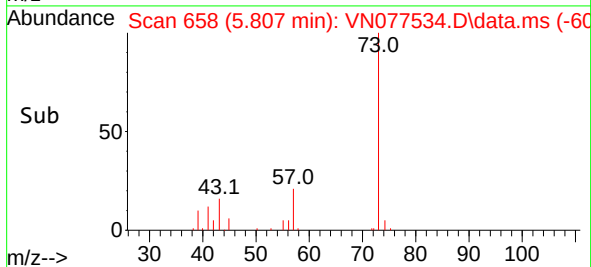
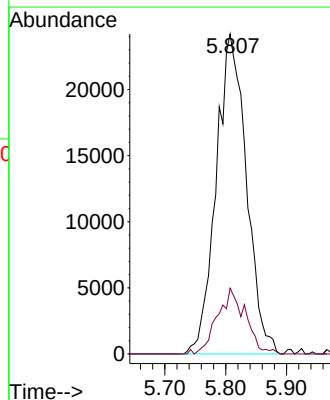
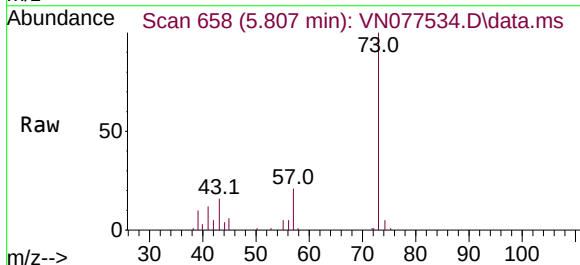
Acq: 29 Apr 2023 21:19

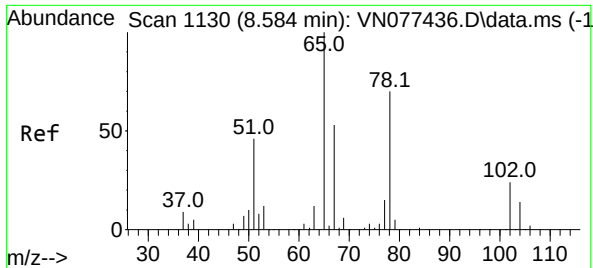
Tgt Ion: 73 Resp: 83568

Ion Ratio Lower Upper

73 100

57 20.6 15.6 23.4





#33

1,2-Dichloroethane-d4

Concen: 50.604 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077534.D

Acq: 29 Apr 2023 21:19

Instrument :

MSVOA\_N

ClientSampleId :

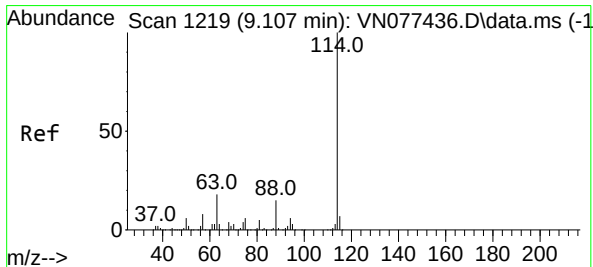
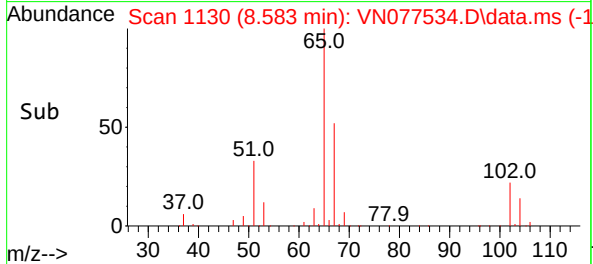
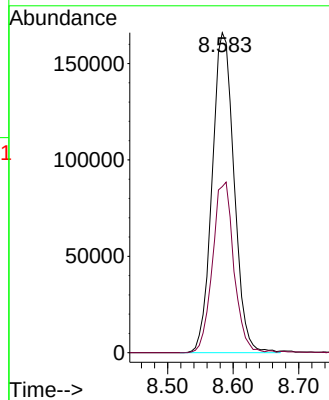
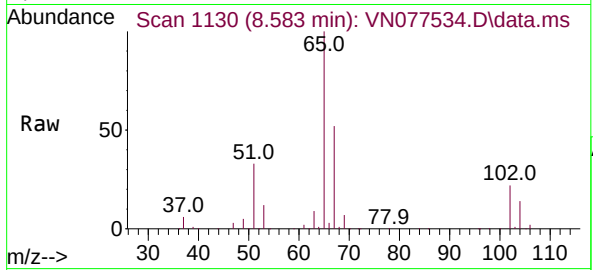
TP-10

Tgt Ion: 65 Resp: 385013

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077534.D

Acq: 29 Apr 2023 21:19

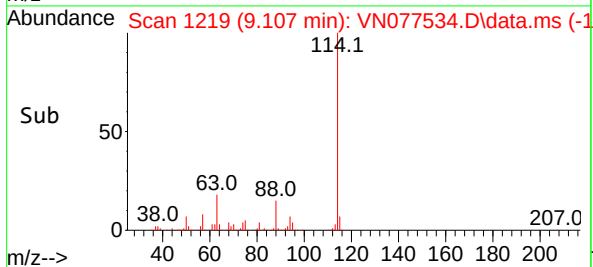
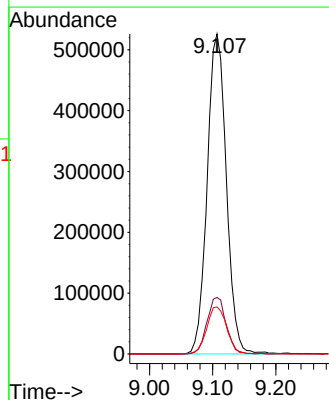
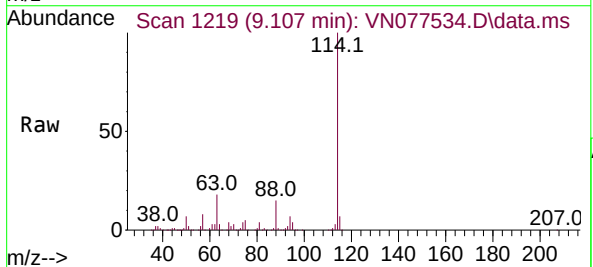
Tgt Ion: 114 Resp: 1110485

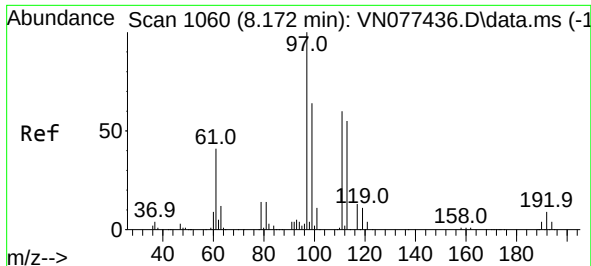
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.338 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077534.D

Acq: 29 Apr 2023 21:19

Instrument :

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ClientSampleId :

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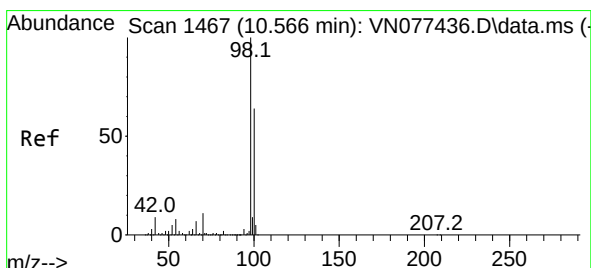
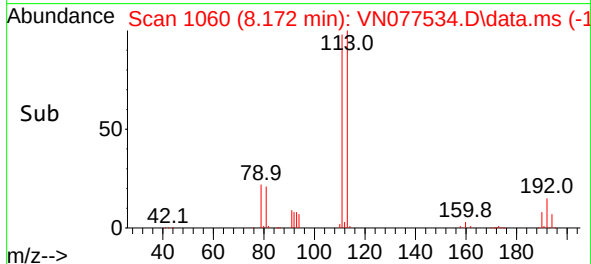
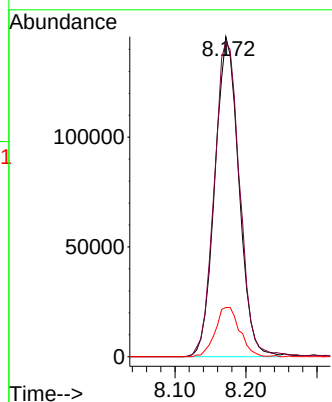
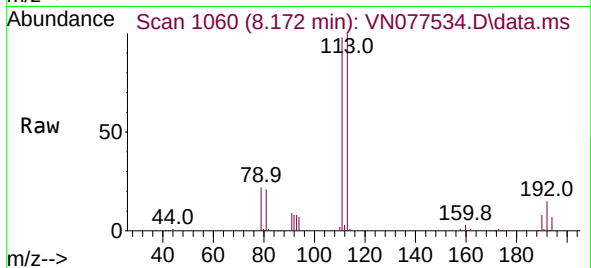
Tgt Ion:113 Resp: 342655

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 15.6 12.7 19.1



#50

Toluene-d8

Concen: 51.212 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077534.D

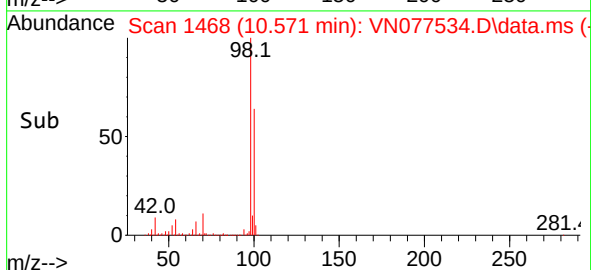
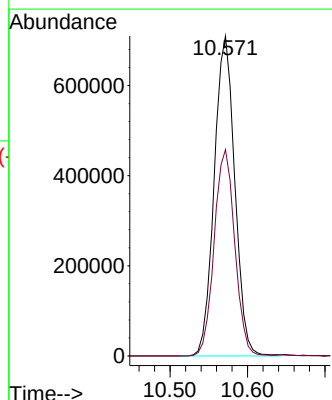
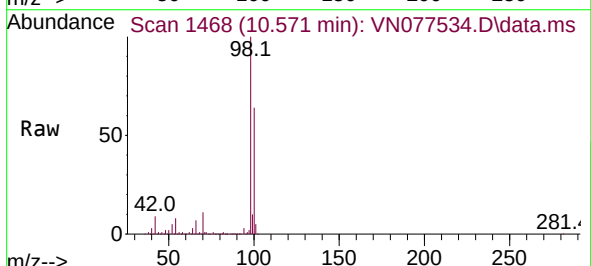
Acq: 29 Apr 2023 21:19

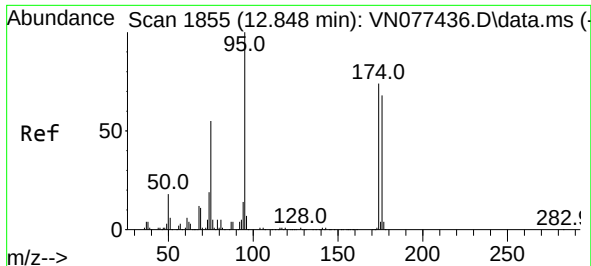
Tgt Ion: 98 Resp: 1310037

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0

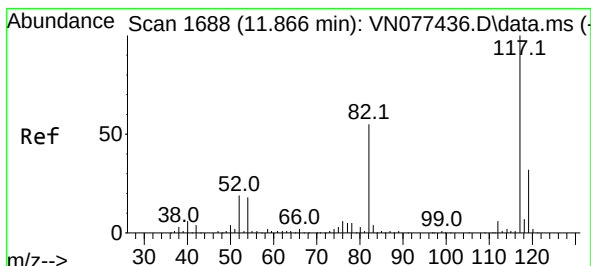
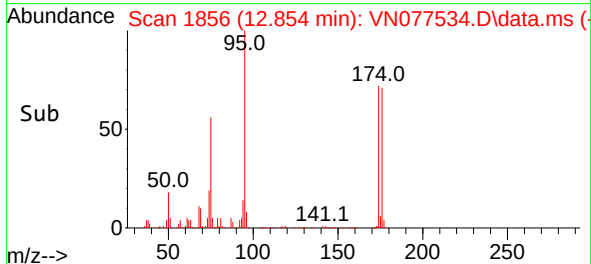
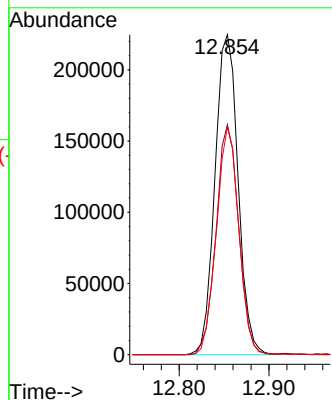
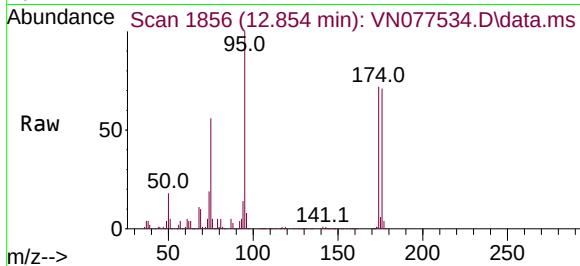




#62  
4-Bromofluorobenzene  
Concen: 47.900 ug/l  
RT: 12.854 min Scan# 1855  
Delta R.T. 0.006 min  
Lab File: VN077534.D  
Acq: 29 Apr 2023 21:19

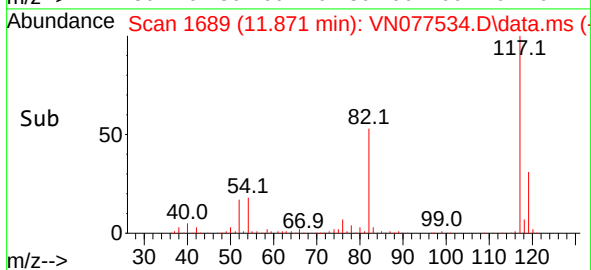
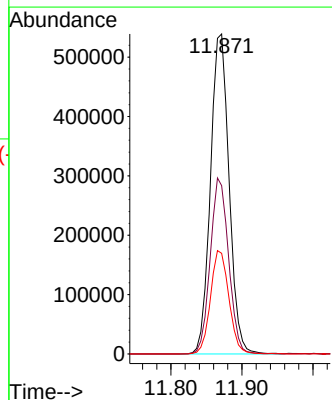
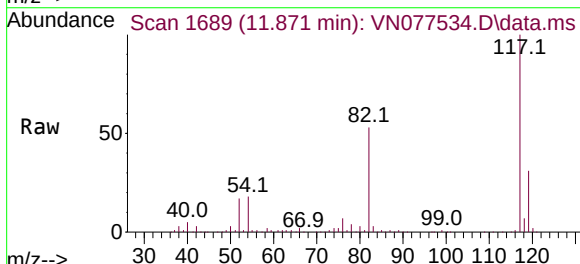
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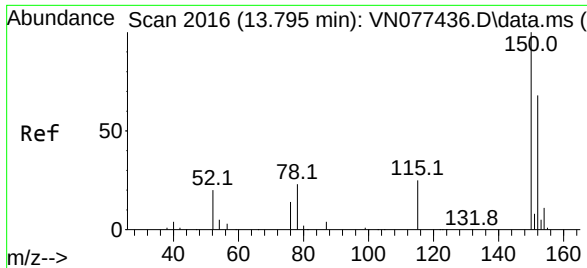
Tgt Ion: 95 Resp: 400895  
Ion Ratio Lower Upper  
95 100  
174 70.6 0.0 143.8  
176 69.0 0.0 135.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1689  
Delta R.T. 0.006 min  
Lab File: VN077534.D  
Acq: 29 Apr 2023 21:19

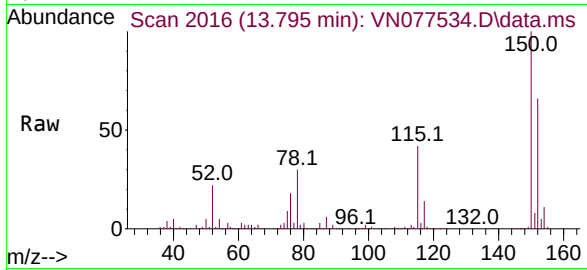
Tgt Ion: 117 Resp: 981031  
Ion Ratio Lower Upper  
117 100  
82 52.6 44.0 66.0  
119 31.4 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.795 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VN077534.D  
 Acq: 29 Apr 2023 21:19

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-10



Tgt Ion:152 Resp: 335182  
 Ion Ratio Lower Upper  
 152 100  
 115 64.9 32.3 96.8  
 150 156.8 0.0 355.8

