

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN093022\  
 Data File : VN074697.D  
 Acq On : 01 Oct 2022 08:02  
 Operator : JC\MD  
 Sample : N4882-09  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-118

Quant Time: Oct 03 02:13:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N092922W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 30 07:44:59 2022  
 Response via : Initial Calibration

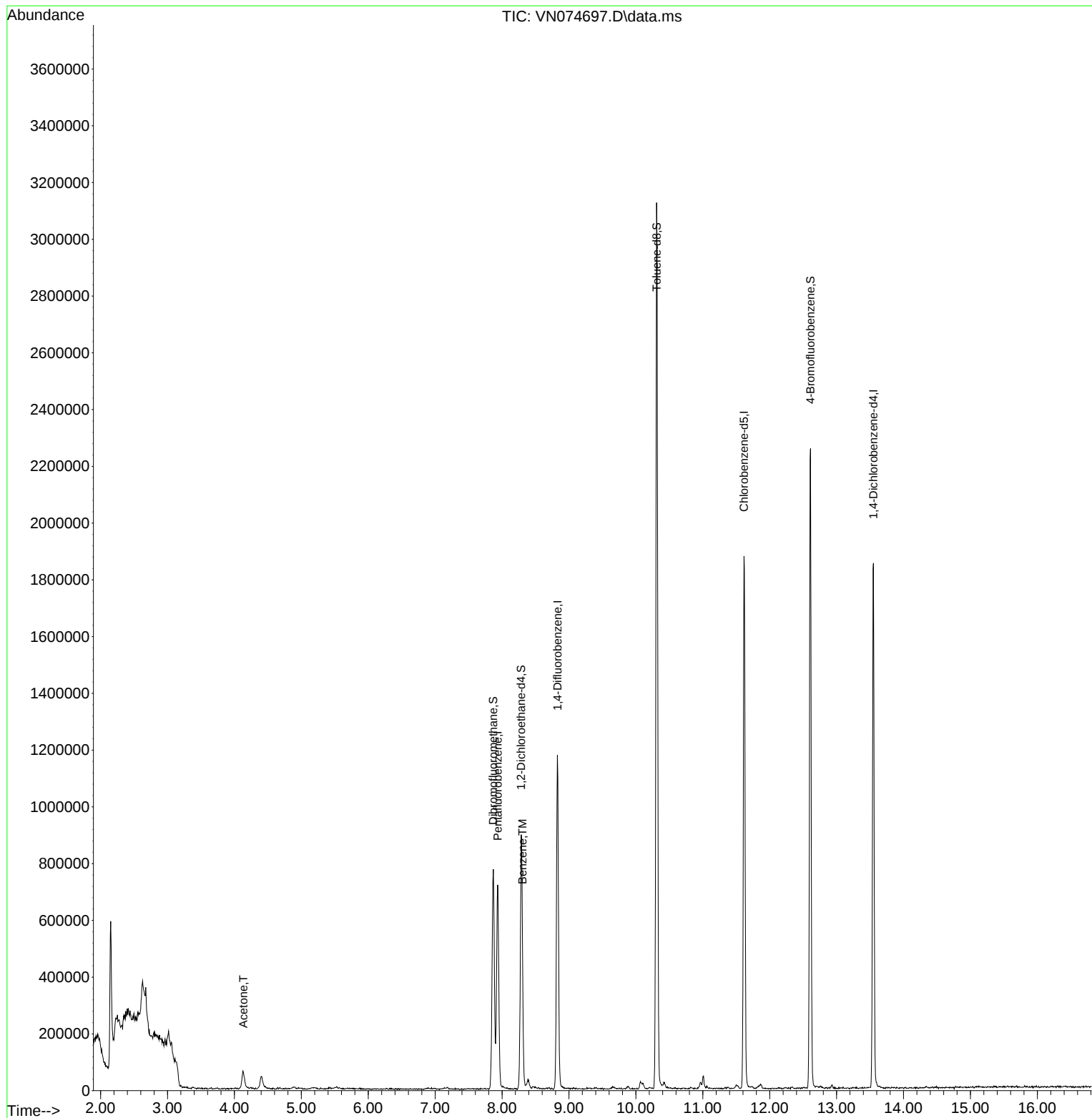
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.933  | 168   | 524321   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.827  | 114   | 980159   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.615 | 117   | 1006500  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.551 | 152   | 447972   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.286  | 65    | 673310   | 51.239   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 102.480% |
| 35) Dibromofluoromethane    | 7.869  | 113   | 537976   | 51.855   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 103.720% |
| 50) Toluene-d8              | 10.310 | 98    | 2076257  | 47.579   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 95.160%  |
| 62) 4-Bromofluorobenzene    | 12.610 | 95    | 661269   | 47.789   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 95.580%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 16) Acetone                 | 4.134  | 43    | 101668   | 10.592   | ug/l   | 92       |
| 40) Benzene                 | 8.304  | 78    | 13131    | 0.256    | ug/l # | 76       |
| -----                       |        |       |          |          |        |          |

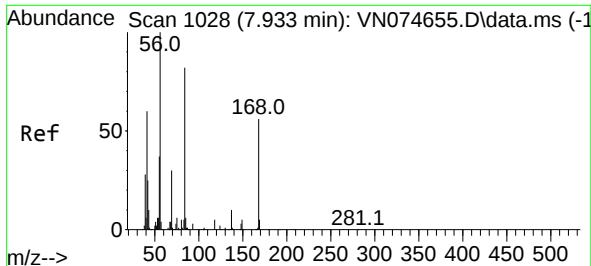
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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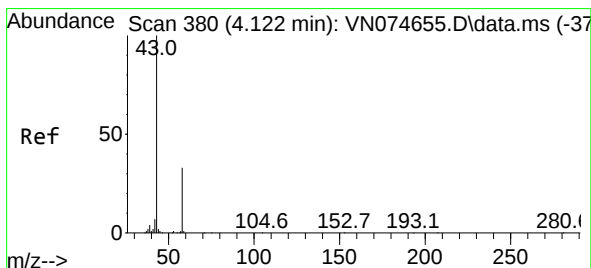
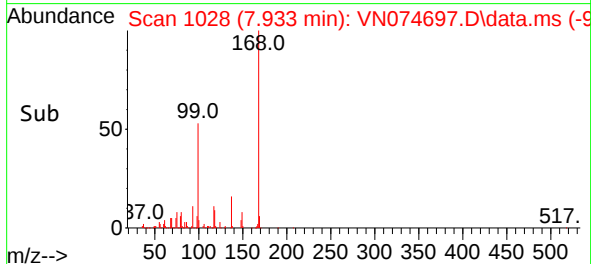
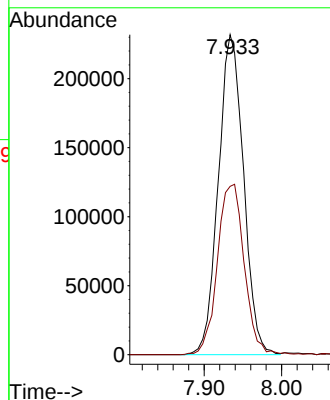
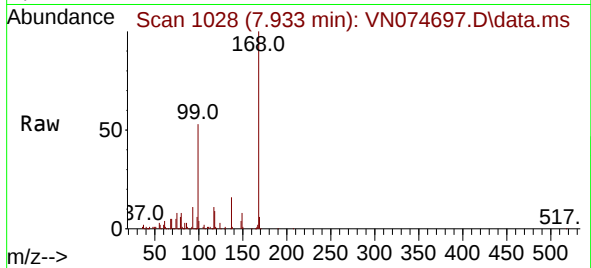




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.933 min Scan# 1028  
Delta R.T. 0.000 min  
Lab File: VN074697.D  
Acq: 01 Oct 2022 08:02

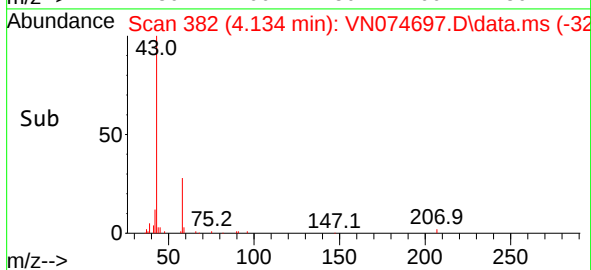
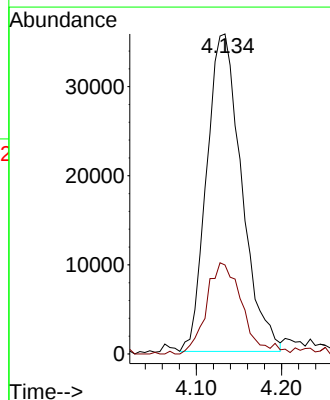
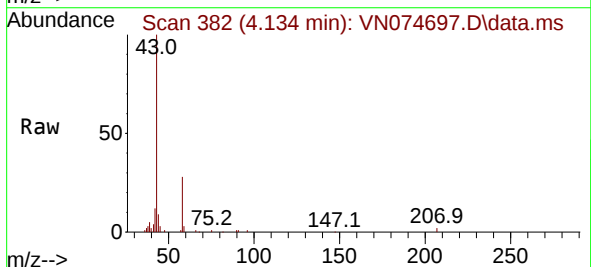
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-118

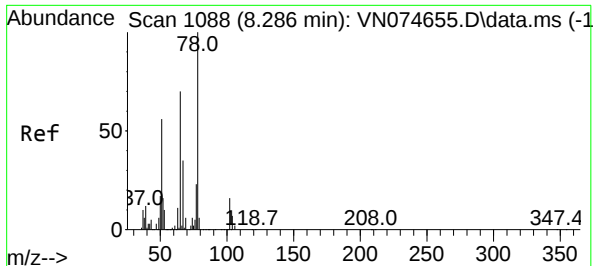
Tgt Ion:168 Resp: 524321  
Ion Ratio Lower Upper  
168 100  
99 52.6 42.3 63.5



#16  
Acetone  
Concen: 10.592 ug/l  
RT: 4.134 min Scan# 382  
Delta R.T. 0.012 min  
Lab File: VN074697.D  
Acq: 01 Oct 2022 08:02

Tgt Ion: 43 Resp: 101668  
Ion Ratio Lower Upper  
43 100  
58 28.0 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 51.239 ug/l

RT: 8.286 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VN074697.D

Acq: 01 Oct 2022 08:02

Instrument :

MSVOA\_N

ClientSampleId :

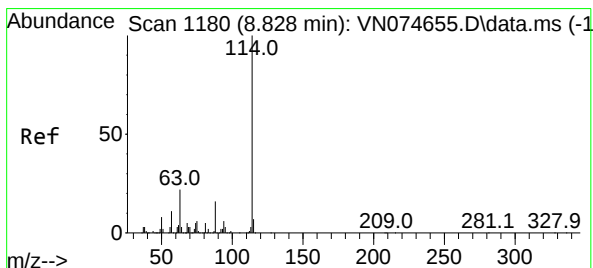
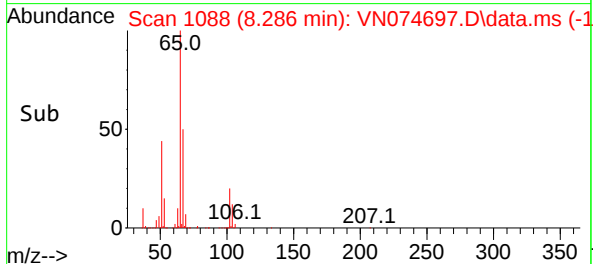
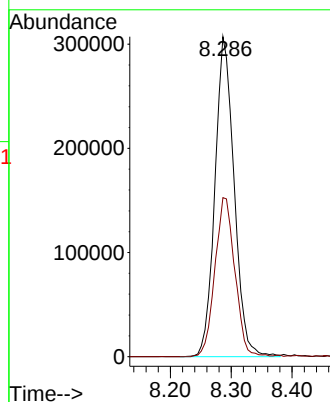
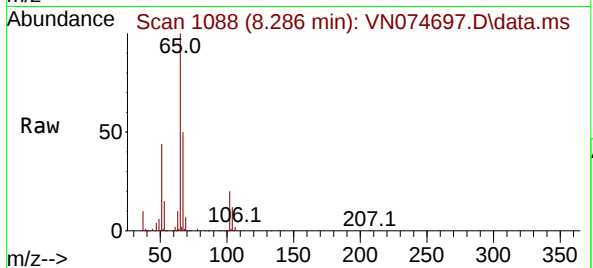
MW-118

Tgt Ion: 65 Resp: 673310

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.827 min Scan# 1180

Delta R.T. -0.001 min

Lab File: VN074697.D

Acq: 01 Oct 2022 08:02

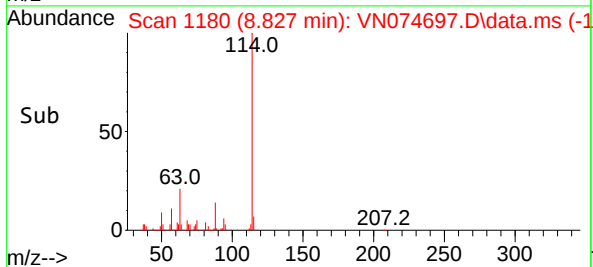
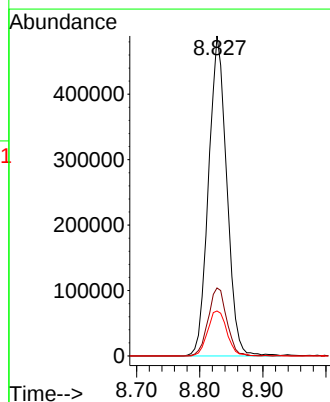
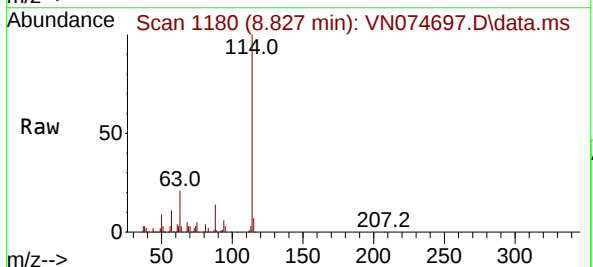
Tgt Ion: 114 Resp: 980159

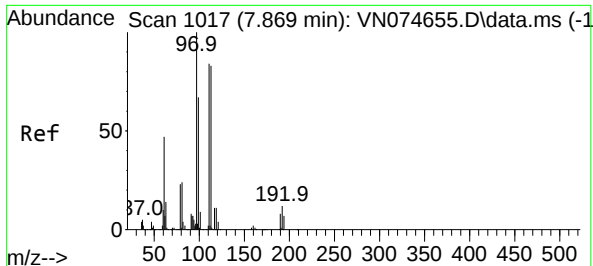
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 14.0 0.0 32.6

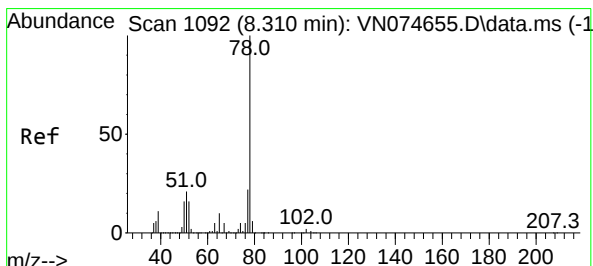
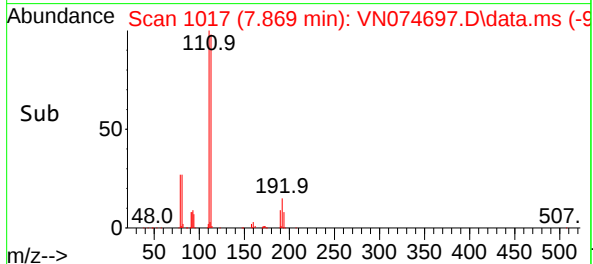
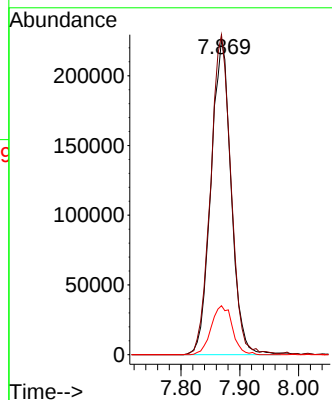
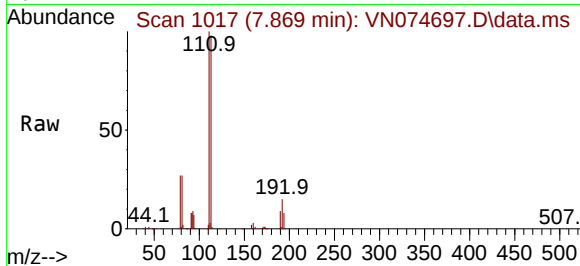




#35  
Dibromofluoromethane  
Concen: 51.855 ug/l  
RT: 7.869 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VN074697.D  
Acq: 01 Oct 2022 08:02

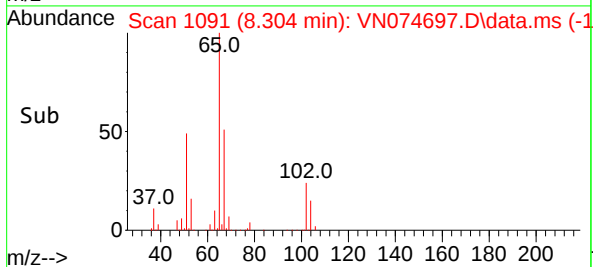
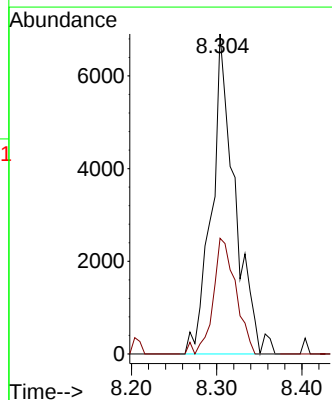
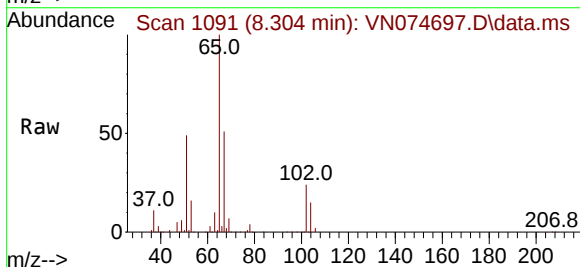
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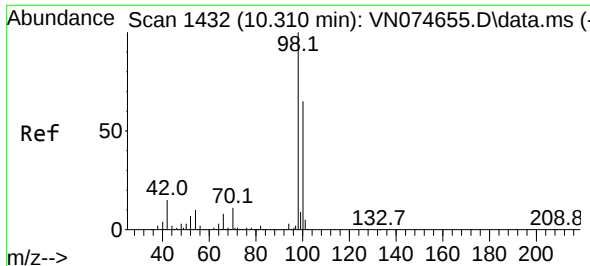
Tgt Ion:113 Resp: 537976  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.4 122.0  
192 16.3 17.0 25.6#



#40  
Benzene  
Concen: 0.256 ug/l  
RT: 8.304 min Scan# 1091  
Delta R.T. -0.006 min  
Lab File: VN074697.D  
Acq: 01 Oct 2022 08:02

Tgt Ion: 78 Resp: 13131  
Ion Ratio Lower Upper  
78 100  
77 36.2 19.4 29.0#

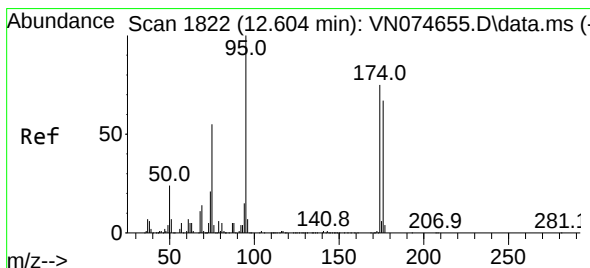
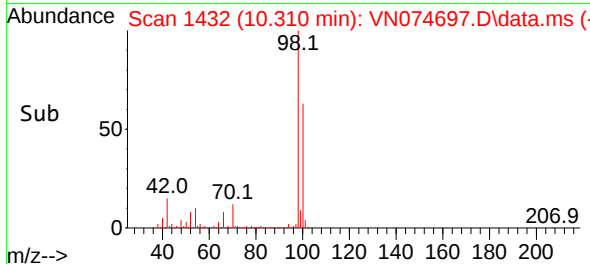
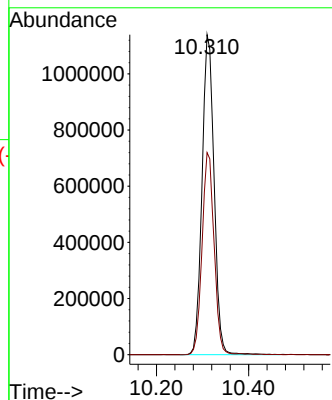
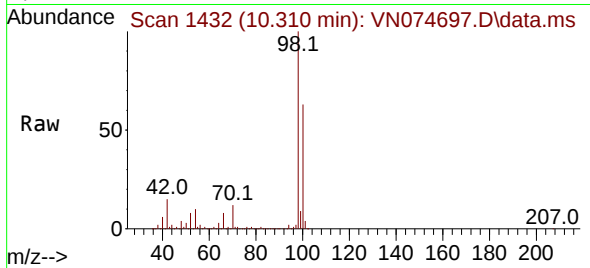




#50  
Toluene-d8  
Concen: 47.579 ug/l  
RT: 10.310 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: VN074697.D  
Acq: 01 Oct 2022 08:02

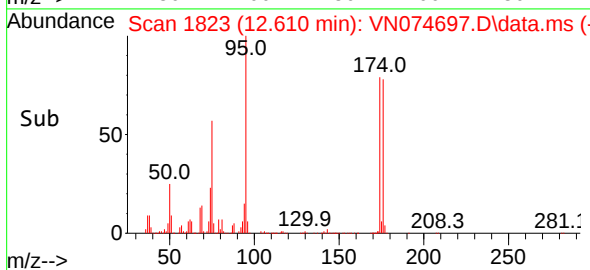
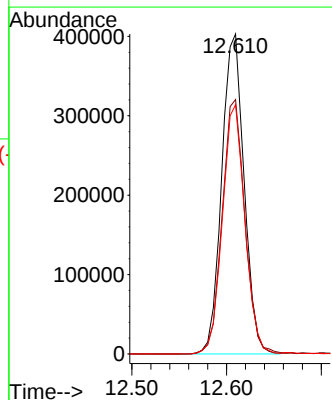
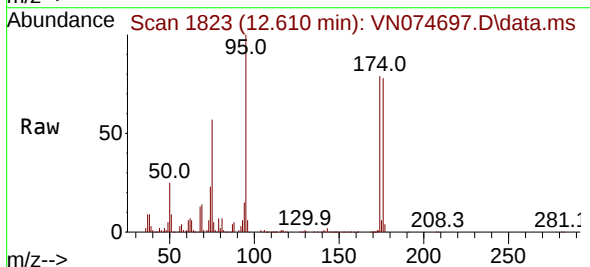
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-118

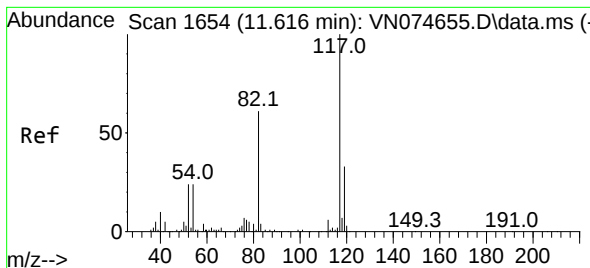
Tgt Ion: 98 Resp: 2076257  
Ion Ratio Lower Upper  
98 100  
100 63.2 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 47.789 ug/l  
RT: 12.610 min Scan# 1823  
Delta R.T. 0.006 min  
Lab File: VN074697.D  
Acq: 01 Oct 2022 08:02

Tgt Ion: 95 Resp: 661269  
Ion Ratio Lower Upper  
95 100  
174 80.8 0.0 167.6  
176 78.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.615 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN074697.D

Acq: 01 Oct 2022 08:02

Instrument :

MSVOA\_N

ClientSampleId :

MW-118

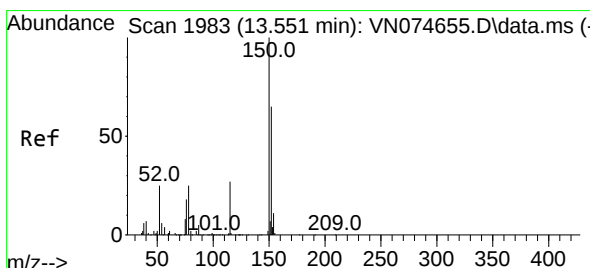
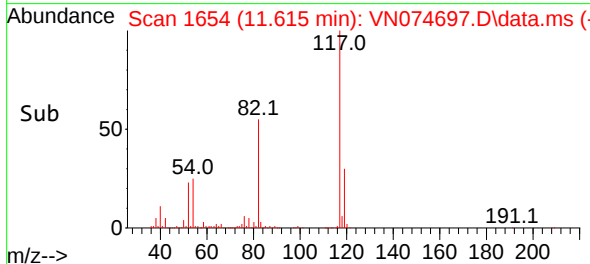
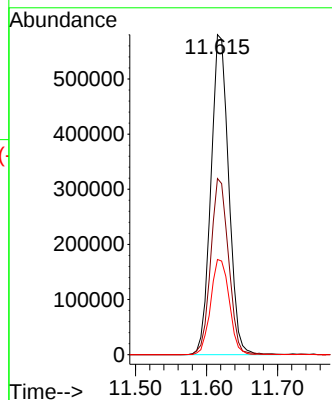
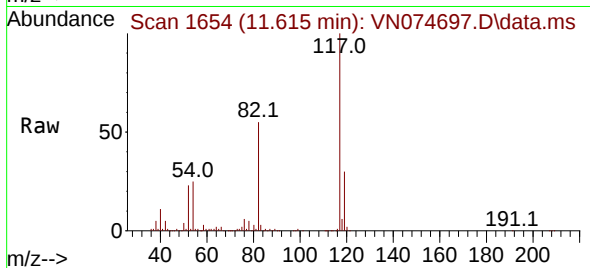
Tgt Ion:117 Resp: 1006500

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 29.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN074697.D

Acq: 01 Oct 2022 08:02

Tgt Ion:152 Resp: 447972

Ion Ratio Lower Upper

152 100

115 59.9 28.9 86.7

150 160.5 0.0 356.2

