

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032223\  
 Data File : VN077111.D  
 Acq On : 22 Mar 2023 16:35  
 Operator : JC\MD  
 Sample : 01849-09 10X  
 Misc : 12.71 g/5.0mL/100uL/5.0mL/MSVOA\_N/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 CB-10-40.0-030823

Quant Time: Mar 22 23:25:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031723W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 20 08:50:30 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.236  | 168   | 95507    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.107  | 114   | 189289   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.866 | 117   | 163409   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.795 | 152   | 58465    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 94773    | 62.124   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 124.240% |          |
| 35) Dibromofluoromethane    | 8.172  | 113   | 63416    | 47.839   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 95.680%  |          |
| 50) Toluene-d8              | 10.572 | 98    | 238248   | 50.313   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 100.620% |          |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 68890    | 41.171   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 82.340%# |          |

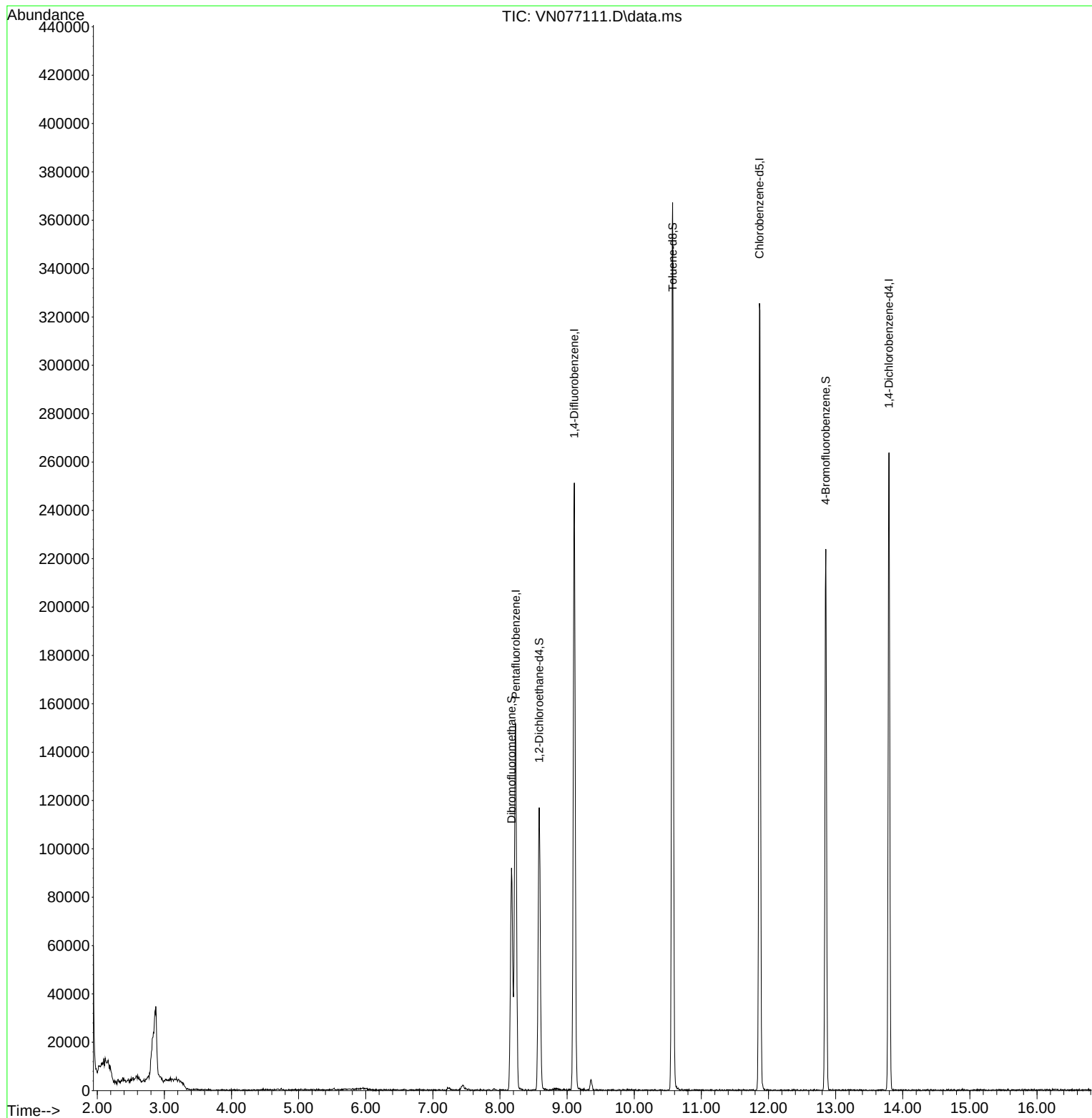
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

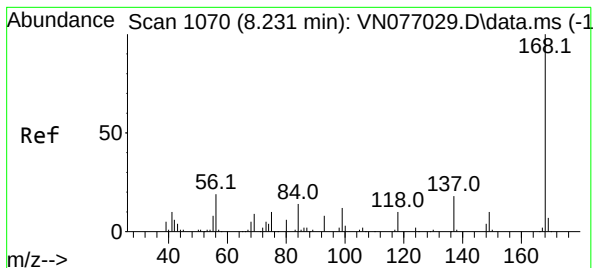
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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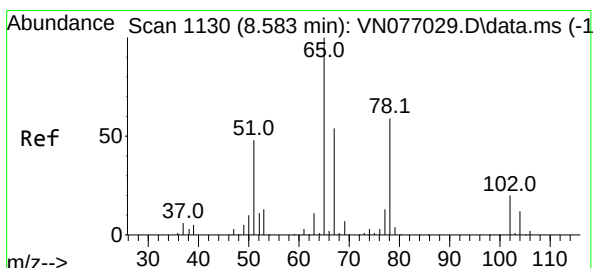
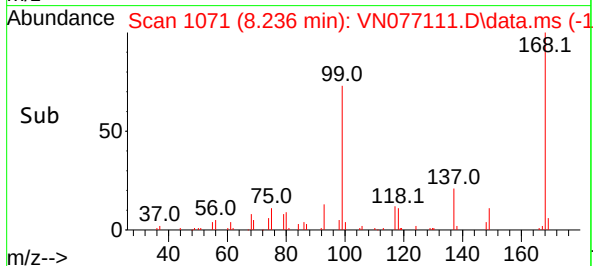
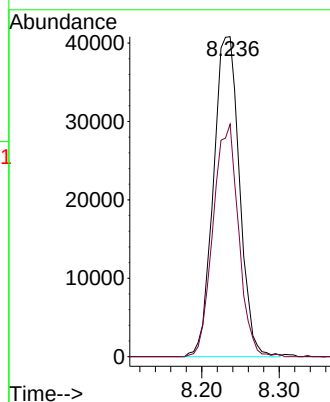
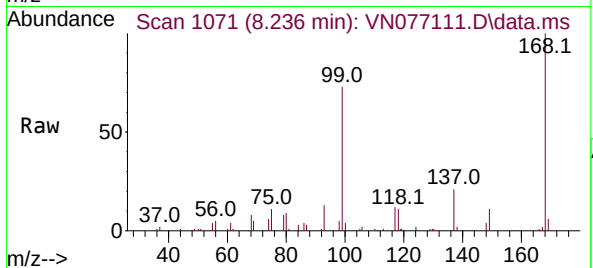




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.236 min Scan# 1071  
Delta R.T. 0.005 min  
Lab File: VN077111.D  
Acq: 22 Mar 2023 16:35

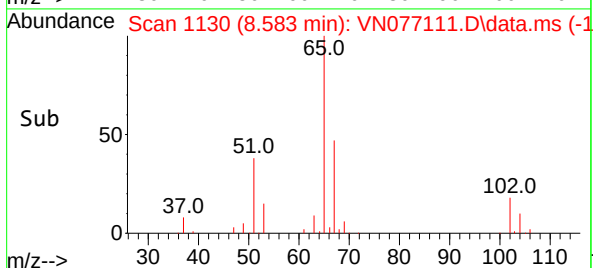
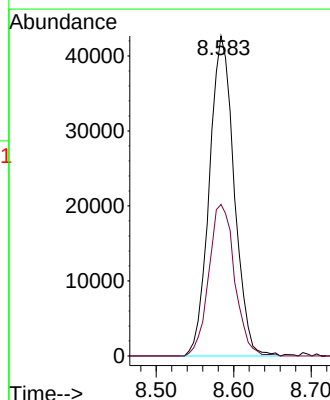
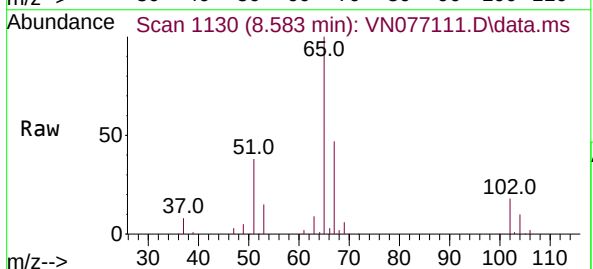
Instrument :  
MSVOA\_N  
ClientSampleId :  
CB-10-40.0-030823

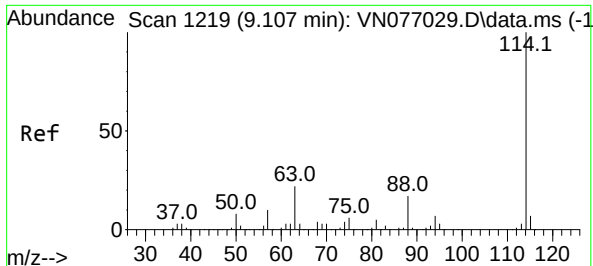
Tgt Ion:168 Resp: 95507  
Ion Ratio Lower Upper  
168 100  
99 72.6 53.9 80.9



#33  
1,2-Dichloroethane-d4  
Concen: 62.124 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN077111.D  
Acq: 22 Mar 2023 16:35

Tgt Ion: 65 Resp: 94773  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077111.D

Acq: 22 Mar 2023 16:35

Instrument :

MSVOA\_N

ClientSampleId :

CB-10-40.0-030823

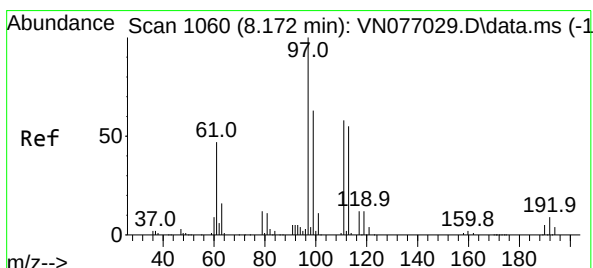
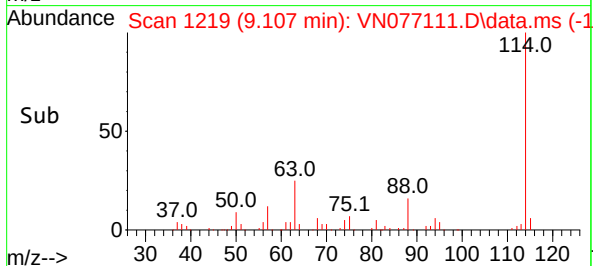
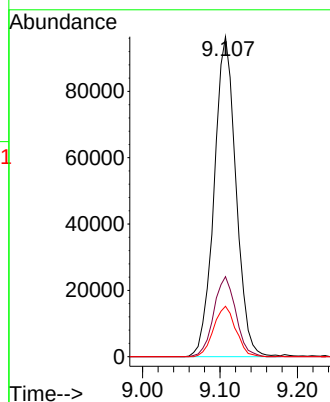
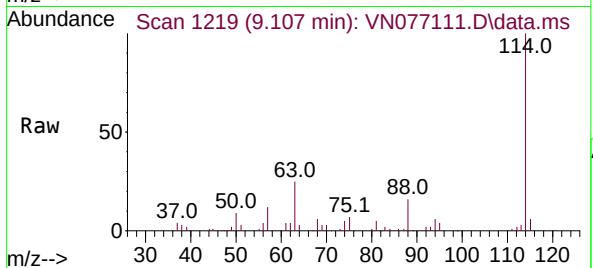
Tgt Ion:114 Resp: 189289

Ion Ratio Lower Upper

114 100

63 25.0 0.0 44.6

88 15.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 47.839 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077111.D

Acq: 22 Mar 2023 16:35

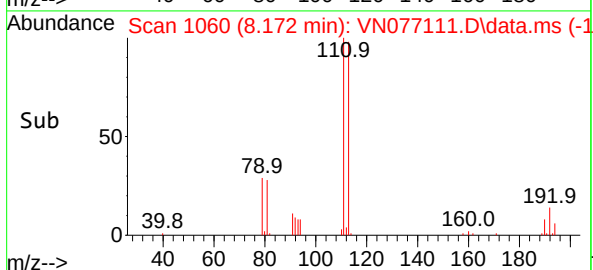
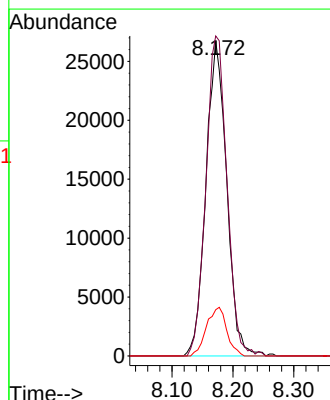
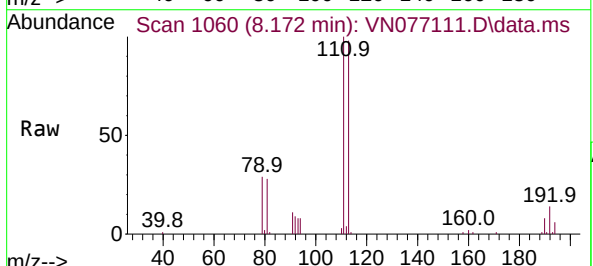
Tgt Ion:113 Resp: 63416

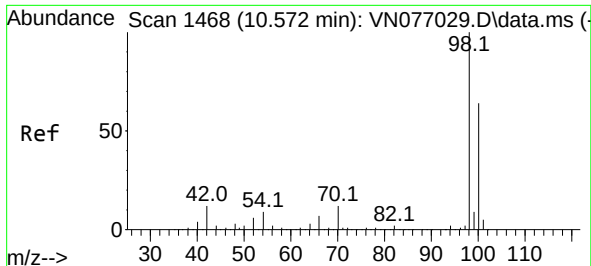
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 15.1 13.0 19.6

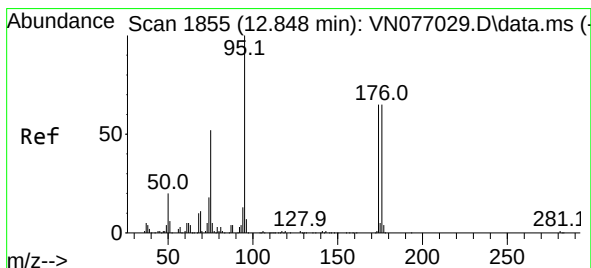
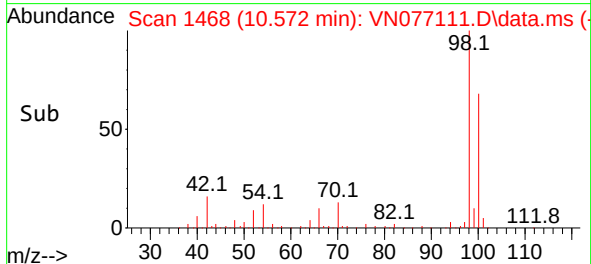
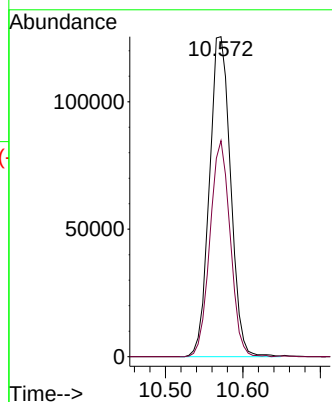
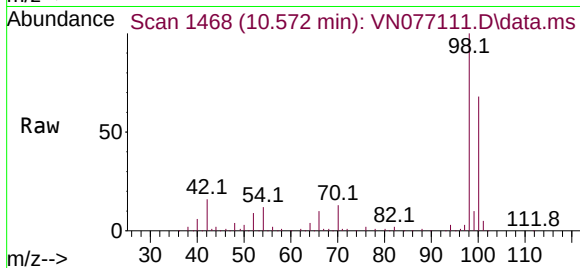




#50  
Toluene-d8  
Concen: 50.313 ug/l  
RT: 10.572 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VN077111.D  
Acq: 22 Mar 2023 16:35

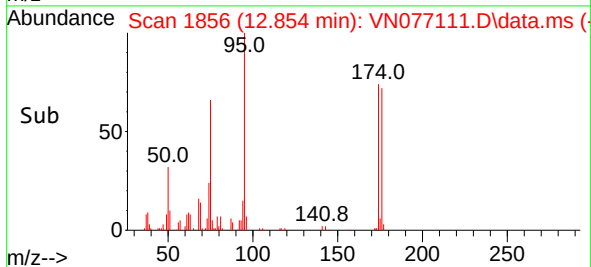
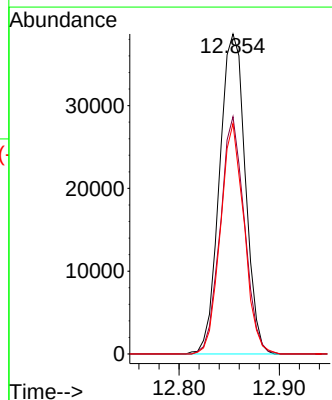
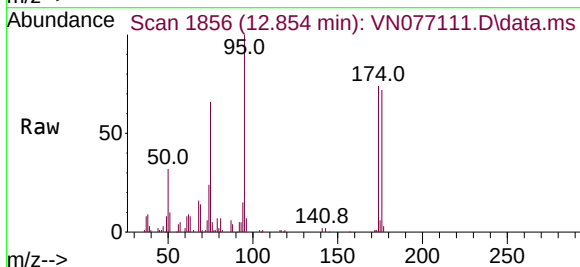
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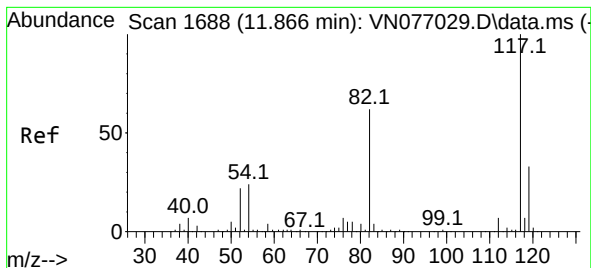
Tgt Ion: 98 Resp: 238248  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.6 77.4



#62  
4-Bromofluorobenzene  
Concen: 41.171 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. 0.006 min  
Lab File: VN077111.D  
Acq: 22 Mar 2023 16:35

Tgt Ion: 95 Resp: 68890  
Ion Ratio Lower Upper  
95 100  
174 69.6 0.0 136.6  
176 66.0 0.0 130.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077111.D

Acq: 22 Mar 2023 16:35

Instrument :

MSVOA\_N

ClientSampleId :

CB-10-40.0-030823

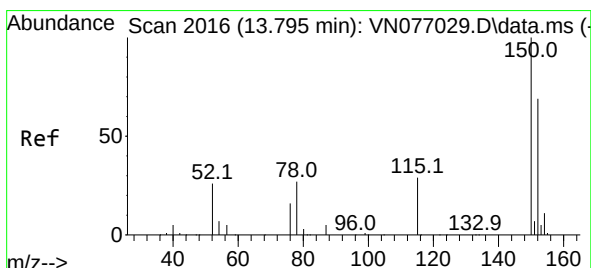
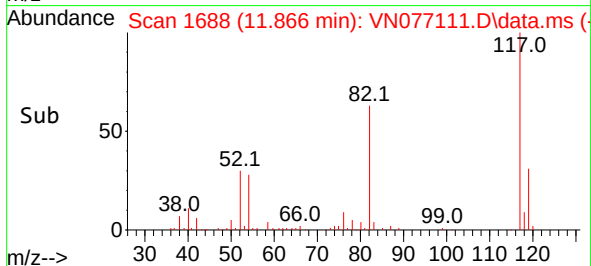
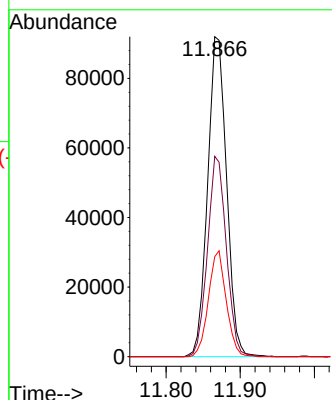
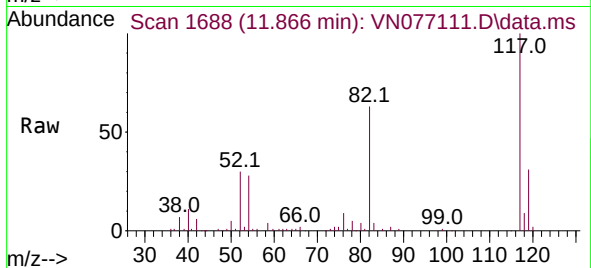
Tgt Ion:117 Resp: 163409

Ion Ratio Lower Upper

117 100

82 62.6 49.4 74.0

119 31.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077111.D

Acq: 22 Mar 2023 16:35

Tgt Ion:152 Resp: 58465

Ion Ratio Lower Upper

152 100

115 63.1 31.9 95.7

150 158.3 0.0 348.0

