

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN091722\  
 Data File : VN074551.D  
 Acq On : 17 Sep 2022 13:14  
 Operator : JC\MD  
 Sample : VN0917WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0917WBL01

Quant Time: Sep 19 02:53:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N091522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 15 19:20:33 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.010  | 168   | 264069   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.904  | 114   | 525172   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.686 | 117   | 513476   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.616 | 152   | 215546   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.369  | 65    | 206625   | 46.116   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 92.240%  |
| 35) Dibromofluoromethane    | 7.951  | 113   | 167684   | 48.066   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 96.140%  |
| 50) Toluene-d8              | 10.381 | 98    | 611409   | 45.317   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 90.640%  |
| 62) 4-Bromofluorobenzene    | 12.669 | 95    | 225654   | 48.834   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 97.660%  |

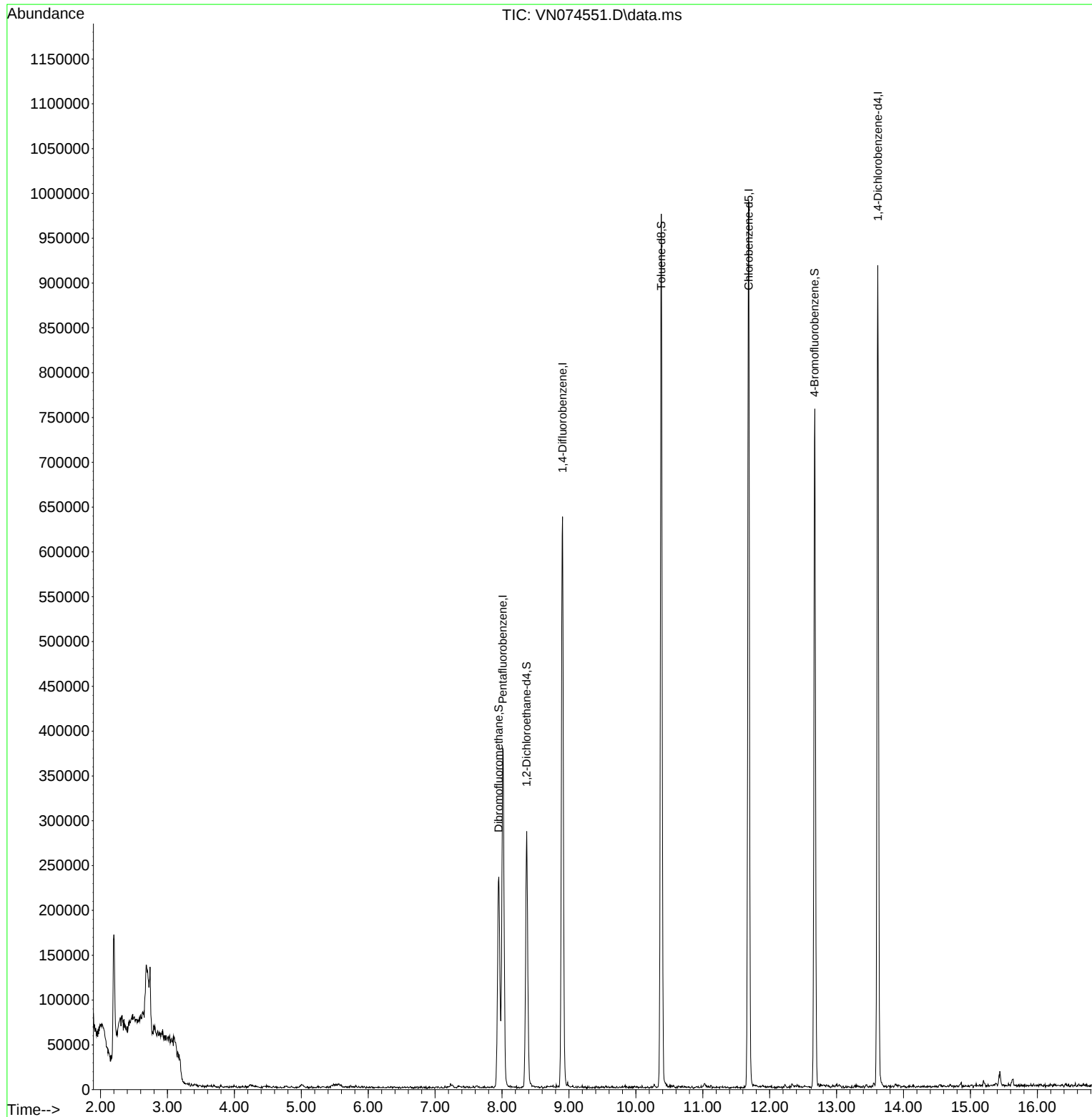
Target Compounds Qvalue

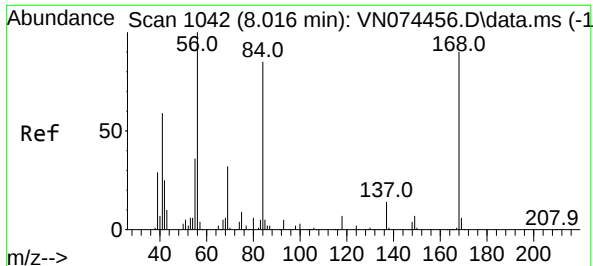
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Sep 15 19:20:33 2022  
Response via : Initial Calibration

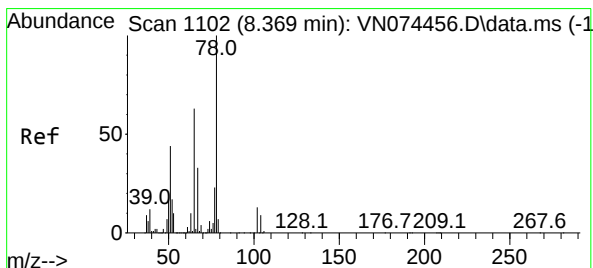
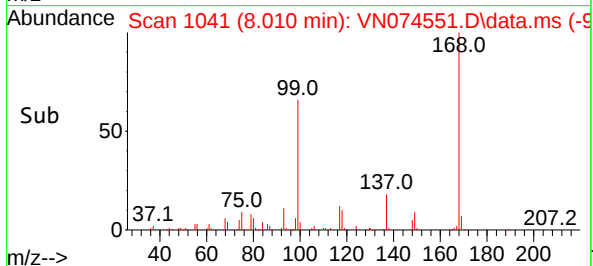
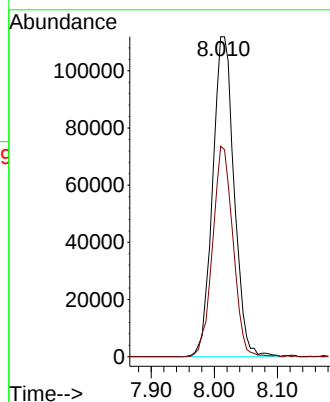
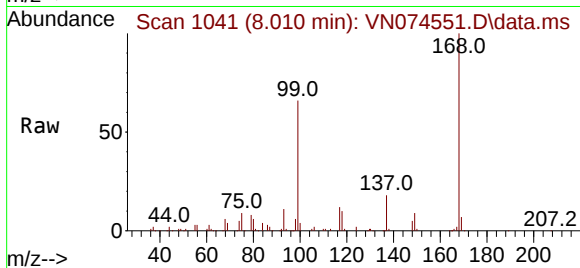




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.010 min Scan# 1042  
Delta R.T. -0.006 min  
Lab File: VN074551.D  
Acq: 17 Sep 2022 13:14

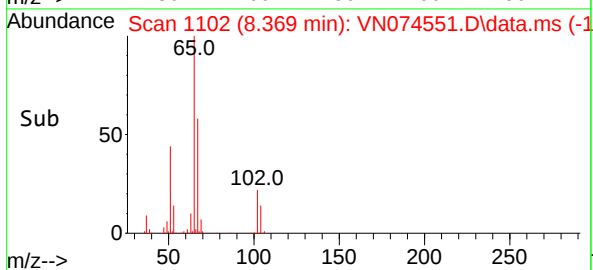
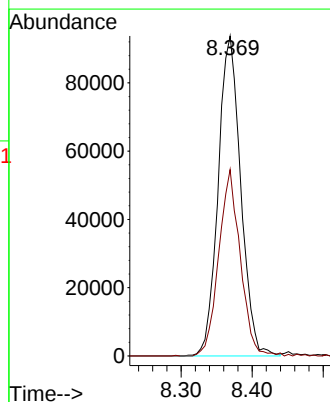
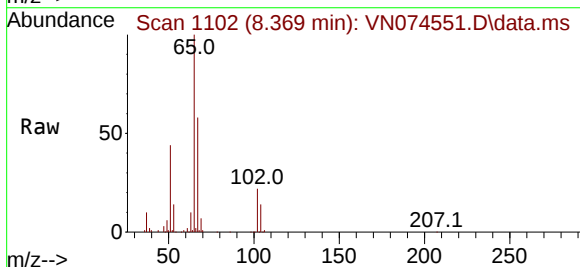
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0917WBL01

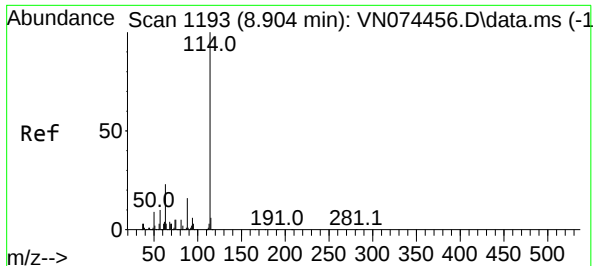
Tgt Ion:168 Resp: 264069  
Ion Ratio Lower Upper  
168 100  
99 65.8 42.3 63.5#



#33  
1,2-Dichloroethane-d4  
Concen: 46.116 ug/l  
RT: 8.369 min Scan# 1102  
Delta R.T. -0.000 min  
Lab File: VN074551.D  
Acq: 17 Sep 2022 13:14

Tgt Ion: 65 Resp: 206625  
Ion Ratio Lower Upper  
65 100  
67 55.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074551.D

Acq: 17 Sep 2022 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VN0917WBL01

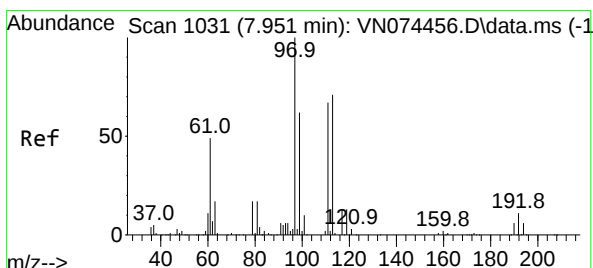
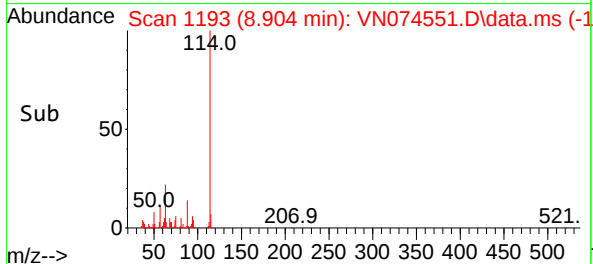
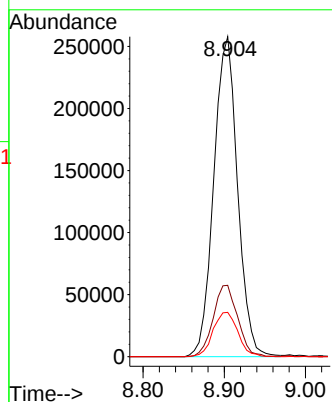
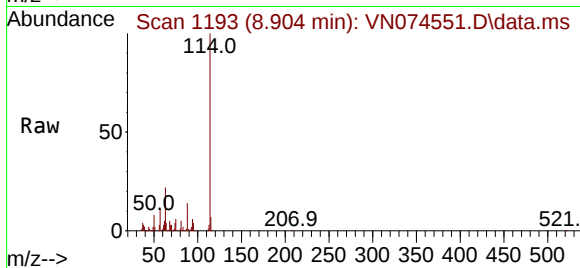
Tgt Ion:114 Resp: 525172

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.0

88 13.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.066 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074551.D

Acq: 17 Sep 2022 13:14

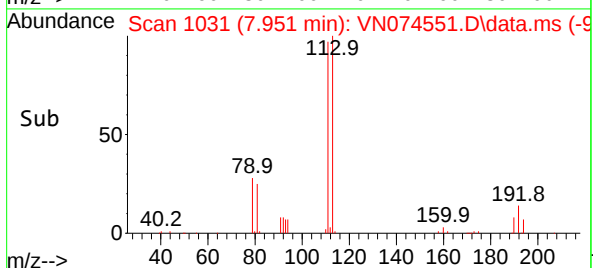
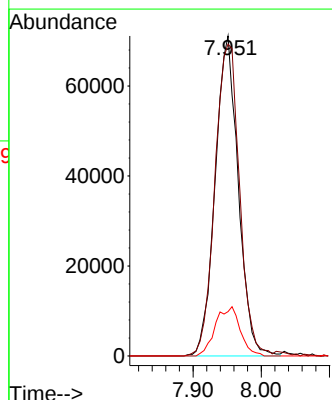
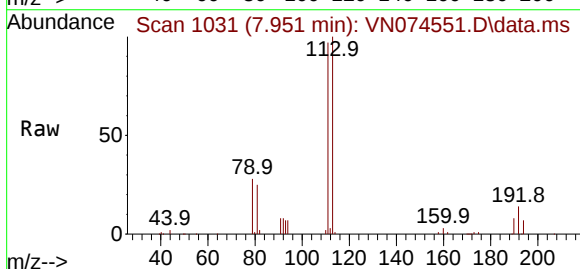
Tgt Ion:113 Resp: 167684

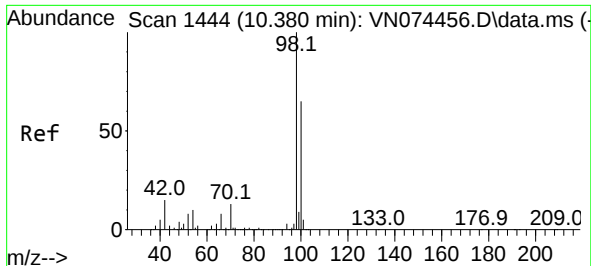
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 16.5 17.0 25.6#

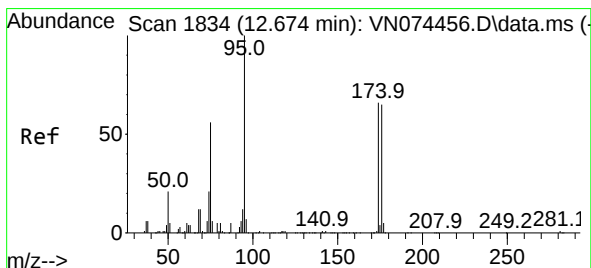
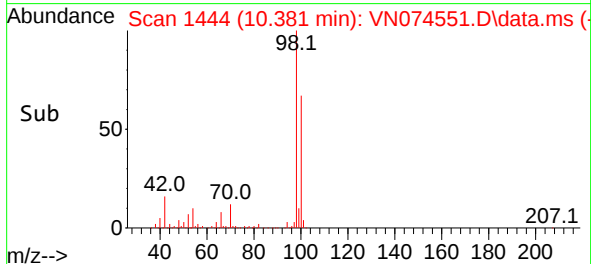
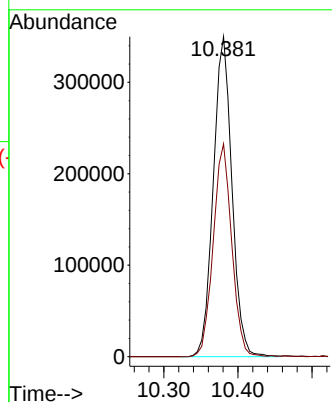
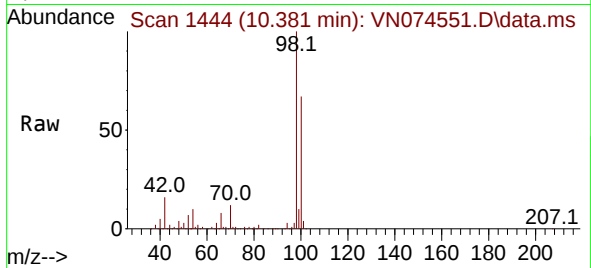




#50  
Toluene-d8  
Concen: 45.317 ug/l  
RT: 10.381 min Scan# 1444  
Delta R.T. 0.000 min  
Lab File: VN074551.D  
Acq: 17 Sep 2022 13:14

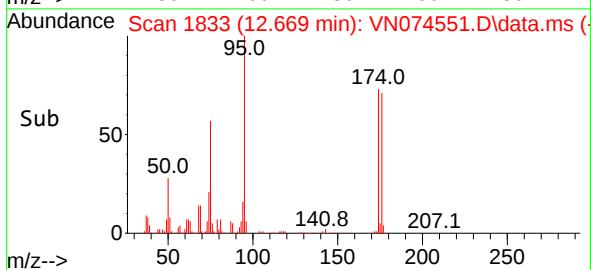
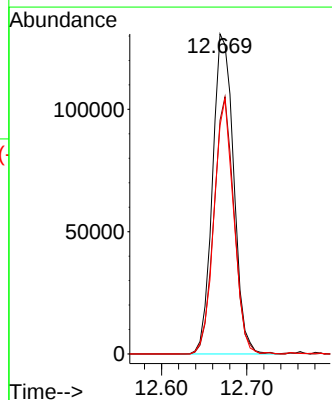
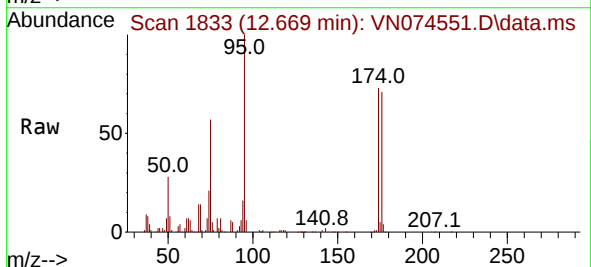
Instrument :  
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VN0917WBL01

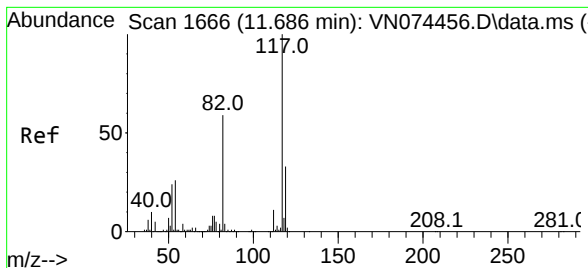
Tgt Ion: 98 Resp: 611409  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 48.834 ug/l  
RT: 12.669 min Scan# 1833  
Delta R.T. -0.005 min  
Lab File: VN074551.D  
Acq: 17 Sep 2022 13:14

Tgt Ion: 95 Resp: 225654  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 167.6  
176 74.6 0.0 163.4

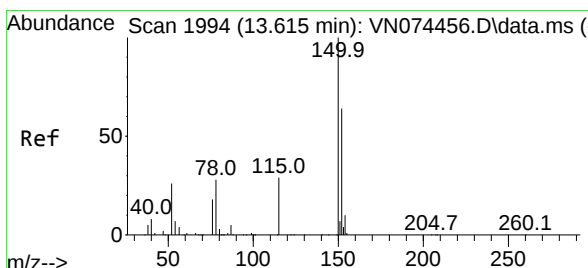
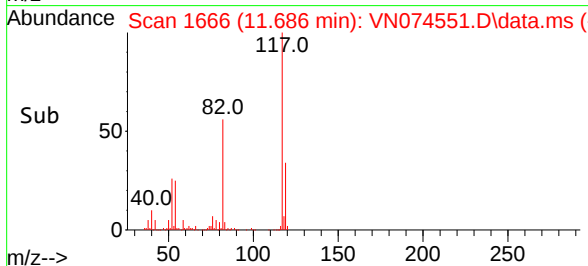
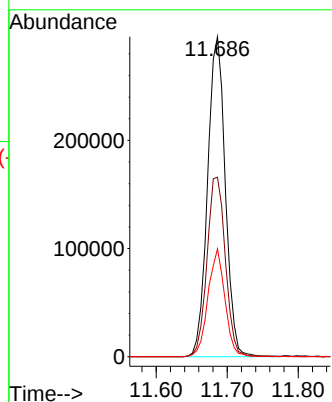
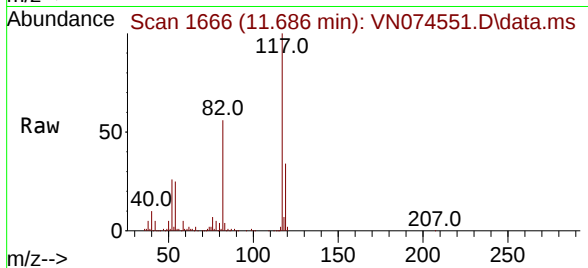




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.686 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: VN074551.D  
Acq: 17 Sep 2022 13:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0917WBL01

Tgt Ion:117 Resp: 513476  
Ion Ratio Lower Upper  
117 100  
82 56.1 44.2 66.2  
119 33.7 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.616 min Scan# 1994  
Delta R.T. 0.001 min  
Lab File: VN074551.D  
Acq: 17 Sep 2022 13:14

Tgt Ion:152 Resp: 215546  
Ion Ratio Lower Upper  
152 100  
115 59.8 28.9 86.7  
150 158.1 0.0 356.2

