

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051721\  
 Data File : VN067092.D  
 Acq On : 17 May 2021 11:24  
 Operator : JC/MD  
 Sample : VN0517WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0517WBL01

Quant Time: May 18 04:04:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 18 04:00:15 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.597  | 168   | 668532   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.525  | 114   | 954336   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.357 | 117   | 820217   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.301 | 152   | 303013   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 7.962  | 65    | 313662   | 43.43    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 86.86%   |
| 35) Dibromofluoromethane    | 7.519  | 113   | 289990   | 46.28    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 92.56%   |
| 50) Toluene-d8              | 10.038 | 98    | 1120998  | 47.20    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 94.40%   |
| 62) 4-Bromofluorobenzene    | 12.357 | 95    | 345006   | 43.37    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 86.74%   |

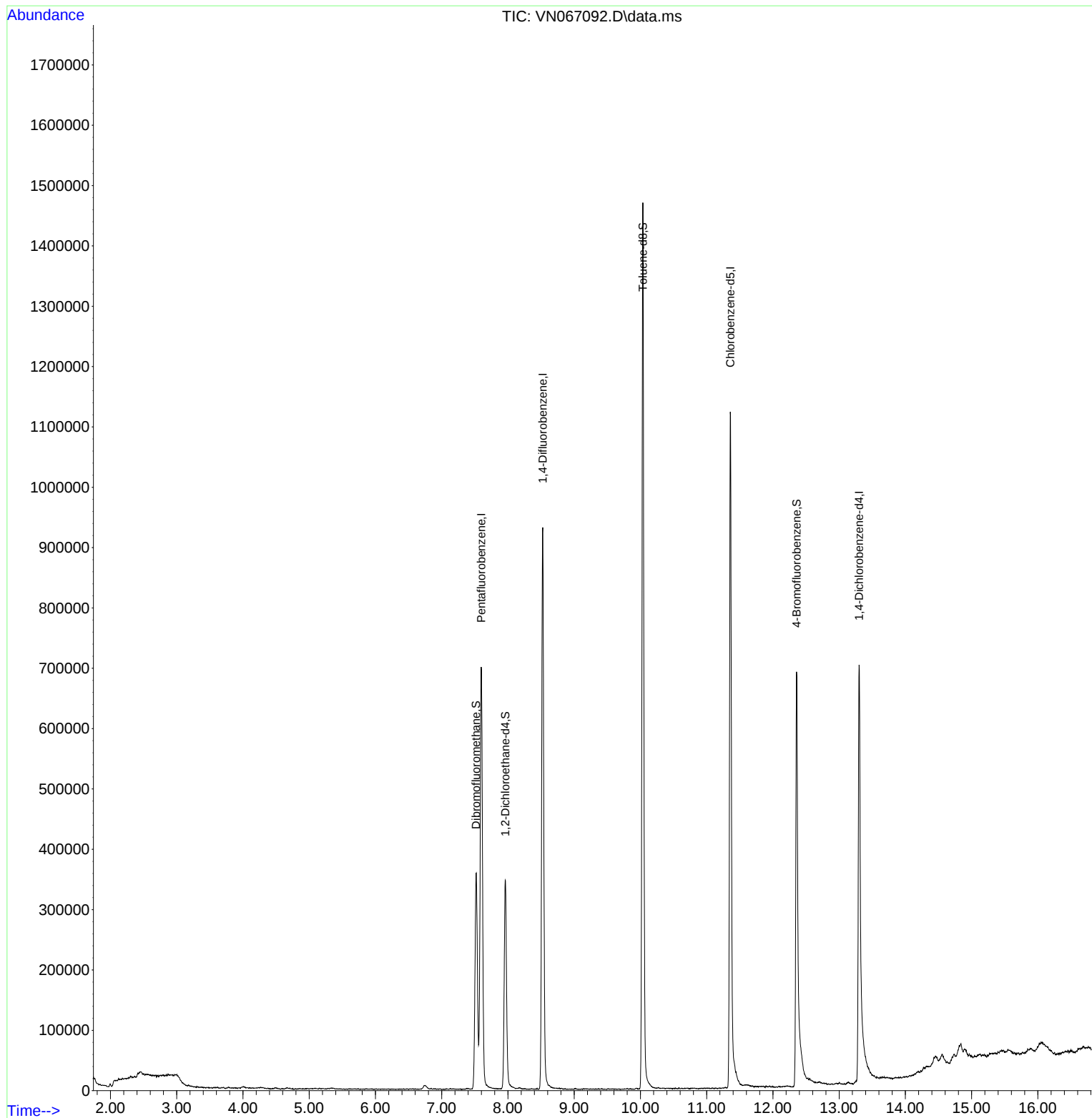
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

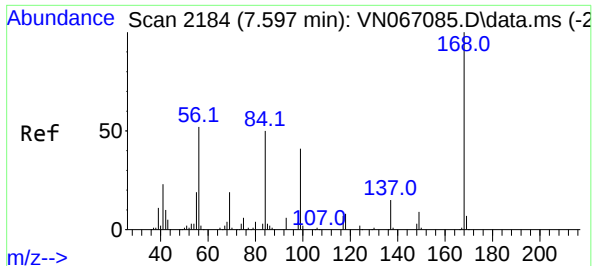
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Time: May 18 04:04:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051421W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 18 04:00:15 2021  
Response via : Initial Calibration

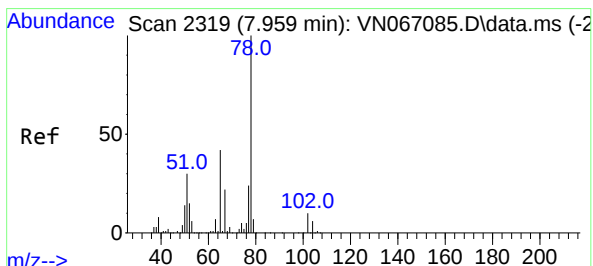
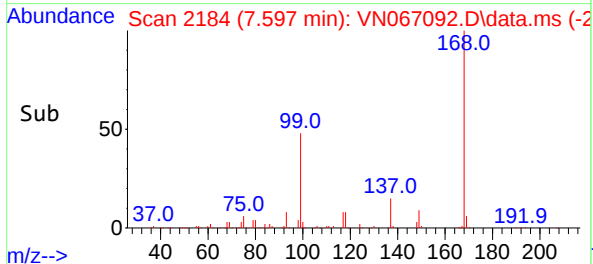
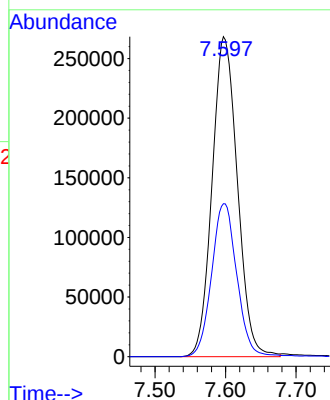
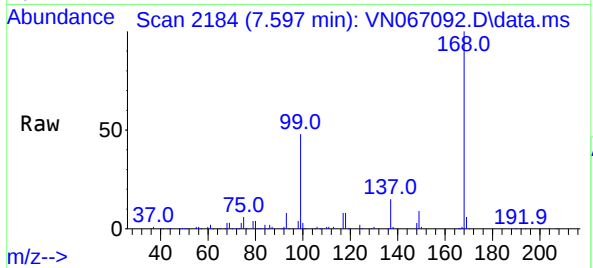




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.597 min Scan# 2184  
Delta R.T. -0.000 min  
Lab File: VN067092.D  
Acq: 17 May 2021 11:24

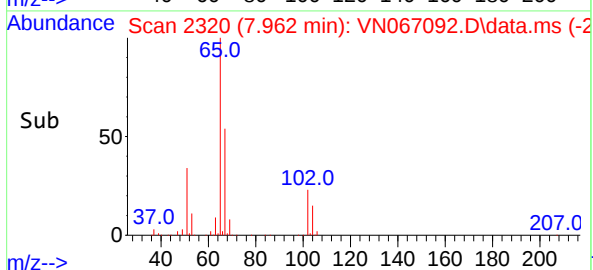
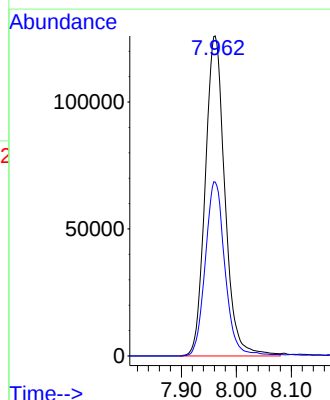
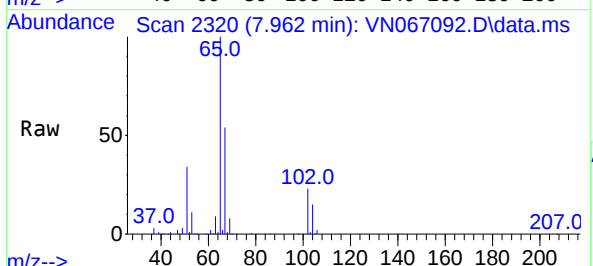
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0517WBL01

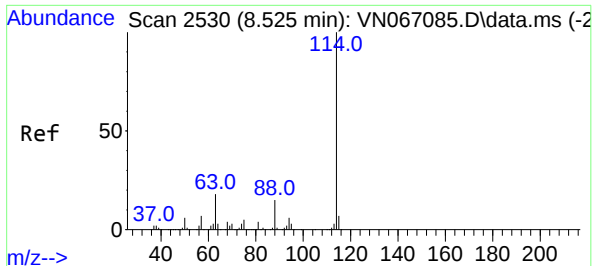
Tgt Ion:168 Resp: 668532  
Ion Ratio Lower Upper  
168 100  
99 47.8 38.5 57.7



#33  
1,2-Dichloroethane-d4  
Concen: 43.43 ug/l  
RT: 7.962 min Scan# 2320  
Delta R.T. 0.003 min  
Lab File: VN067092.D  
Acq: 17 May 2021 11:24

Tgt Ion: 65 Resp: 313662  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 110.4

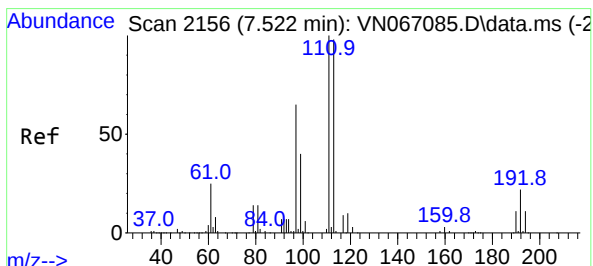
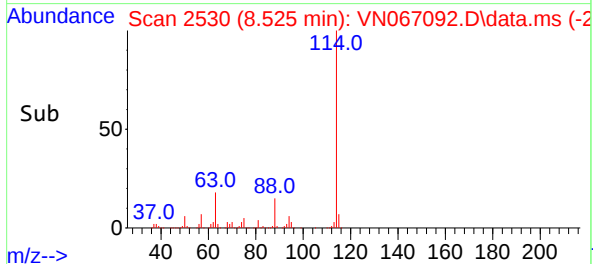
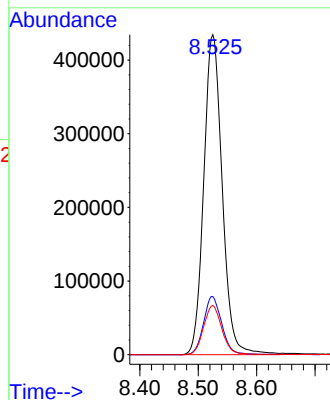
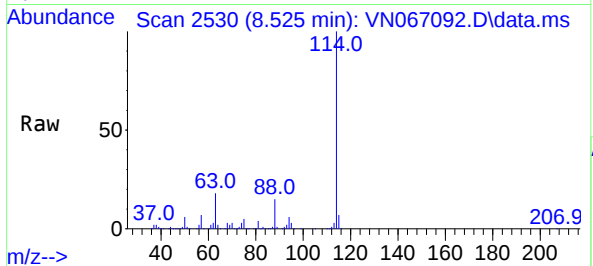




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.525 min Scan# 2530  
Delta R.T. -0.000 min  
Lab File: VN067092.D  
Acq: 17 May 2021 11:24

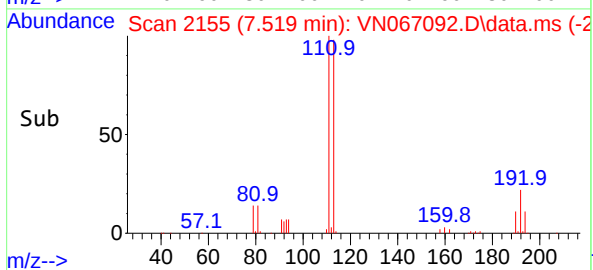
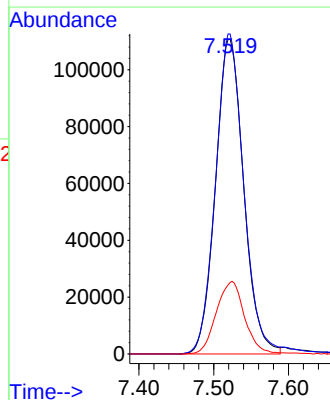
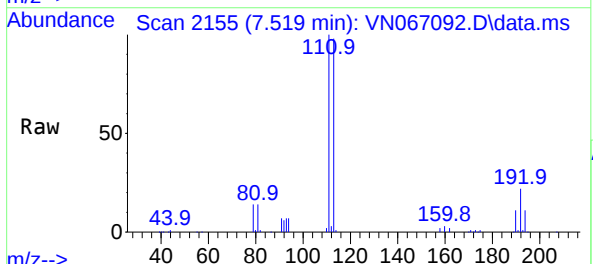
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0517WBL01

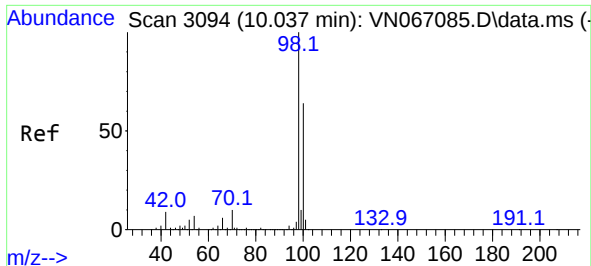
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 954336 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 18.2  | 0.0   | 35.8   |
| 88       | 15.3  | 0.0   | 30.4   |



#35  
Dibromofluoromethane  
Concen: 46.28 ug/l  
RT: 7.519 min Scan# 2155  
Delta R.T. -0.003 min  
Lab File: VN067092.D  
Acq: 17 May 2021 11:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 289990 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.1 | 82.6  | 124.0  |
| 192      | 23.1  | 18.2  | 27.4   |

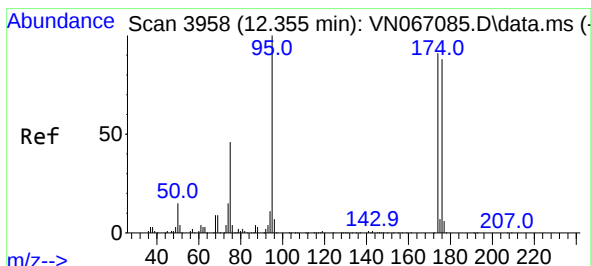
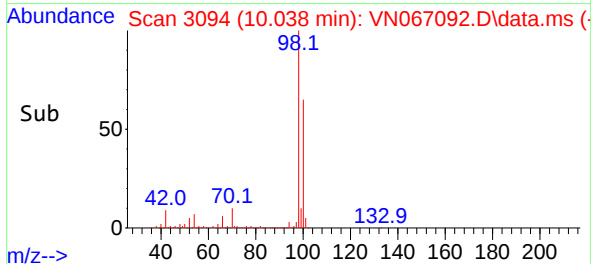
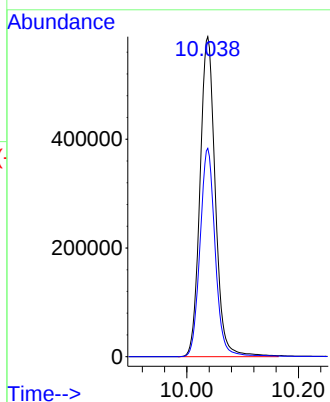
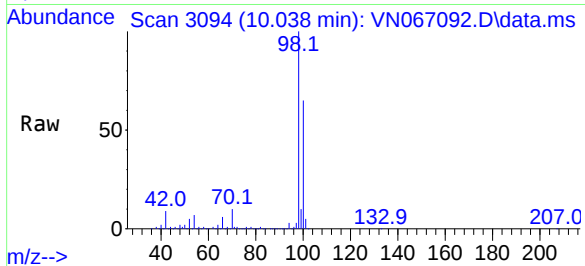




#50  
Toluene-d8  
Concen: 47.20 ug/l  
RT: 10.038 min Scan# 3094  
Delta R.T. 0.001 min  
Lab File: VN067092.D  
Acq: 17 May 2021 11:24

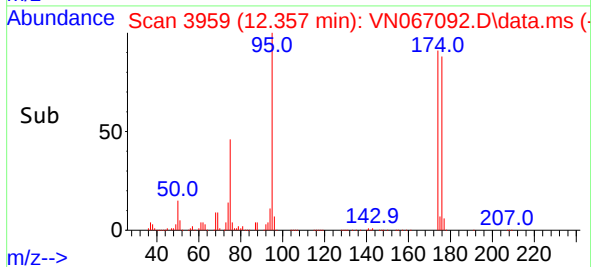
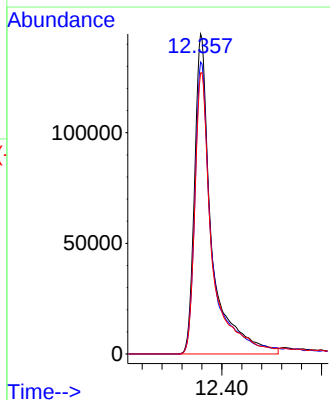
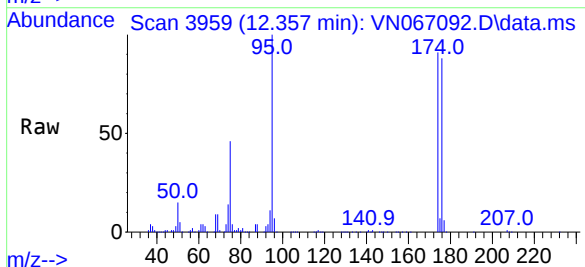
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0517WBL01

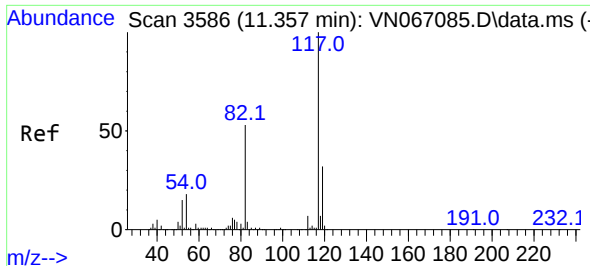
Tgt Ion: 98 Resp: 1120998  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.8 77.8



#62  
4-Bromofluorobenzene  
Concen: 43.37 ug/l  
RT: 12.357 min Scan# 3959  
Delta R.T. 0.002 min  
Lab File: VN067092.D  
Acq: 17 May 2021 11:24

Tgt Ion: 95 Resp: 345006  
Ion Ratio Lower Upper  
95 100  
174 89.5 0.0 182.8  
176 88.1 0.0 176.6

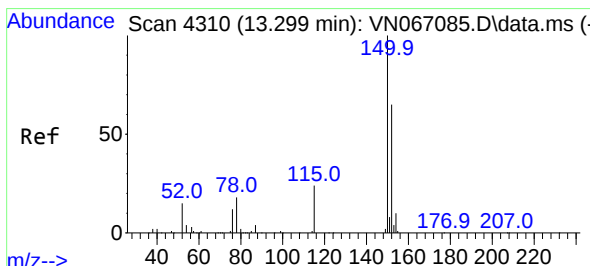
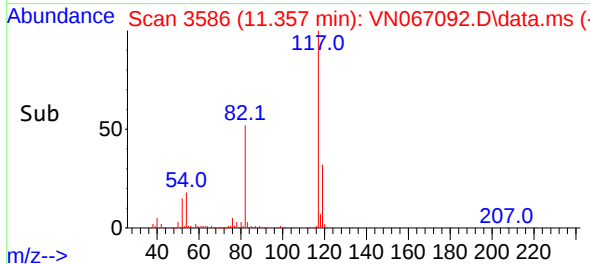
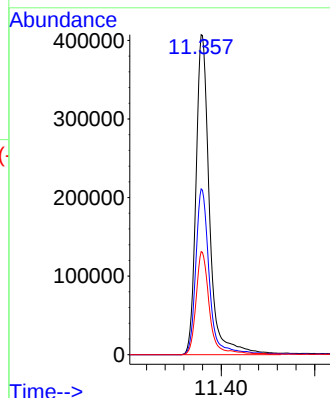
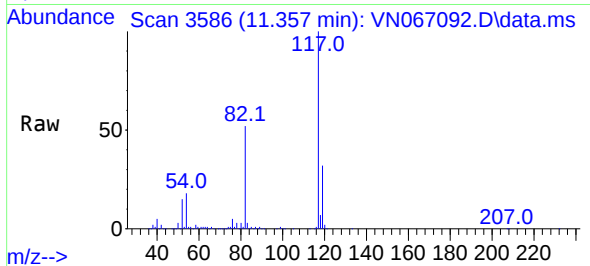




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.357 min Scan# 3586  
Delta R.T. 0.000 min  
Lab File: VN067092.D  
Acq: 17 May 2021 11:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0517WBL01

Tgt Ion:117 Resp: 820217  
Ion Ratio Lower Upper  
117 100  
82 51.8 42.2 63.2  
119 32.2 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.301 min Scan# 4311  
Delta R.T. 0.002 min  
Lab File: VN067092.D  
Acq: 17 May 2021 11:24

Tgt Ion:152 Resp: 303013  
Ion Ratio Lower Upper  
152 100  
115 54.2 27.0 80.8  
150 161.4 0.0 350.2

