

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111721\  
 Data File : VN069525.D  
 Acq On : 17 Nov 2021 11:56  
 Operator : JC/MD  
 Sample : VN1117WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1117WBL01

Quant Time: Nov 18 07:09:46 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 1357417  | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 2380755  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 2352654  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 895975   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 1005088  | 51.067   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 102.140% |
| 35) Dibromofluoromethane    | 8.024  | 113   | 698739   | 48.936   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 97.880%  |
| 50) Toluene-d8              | 10.441 | 98    | 3022317  | 53.818   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 107.640% |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 1075022  | 52.109   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 104.220% |

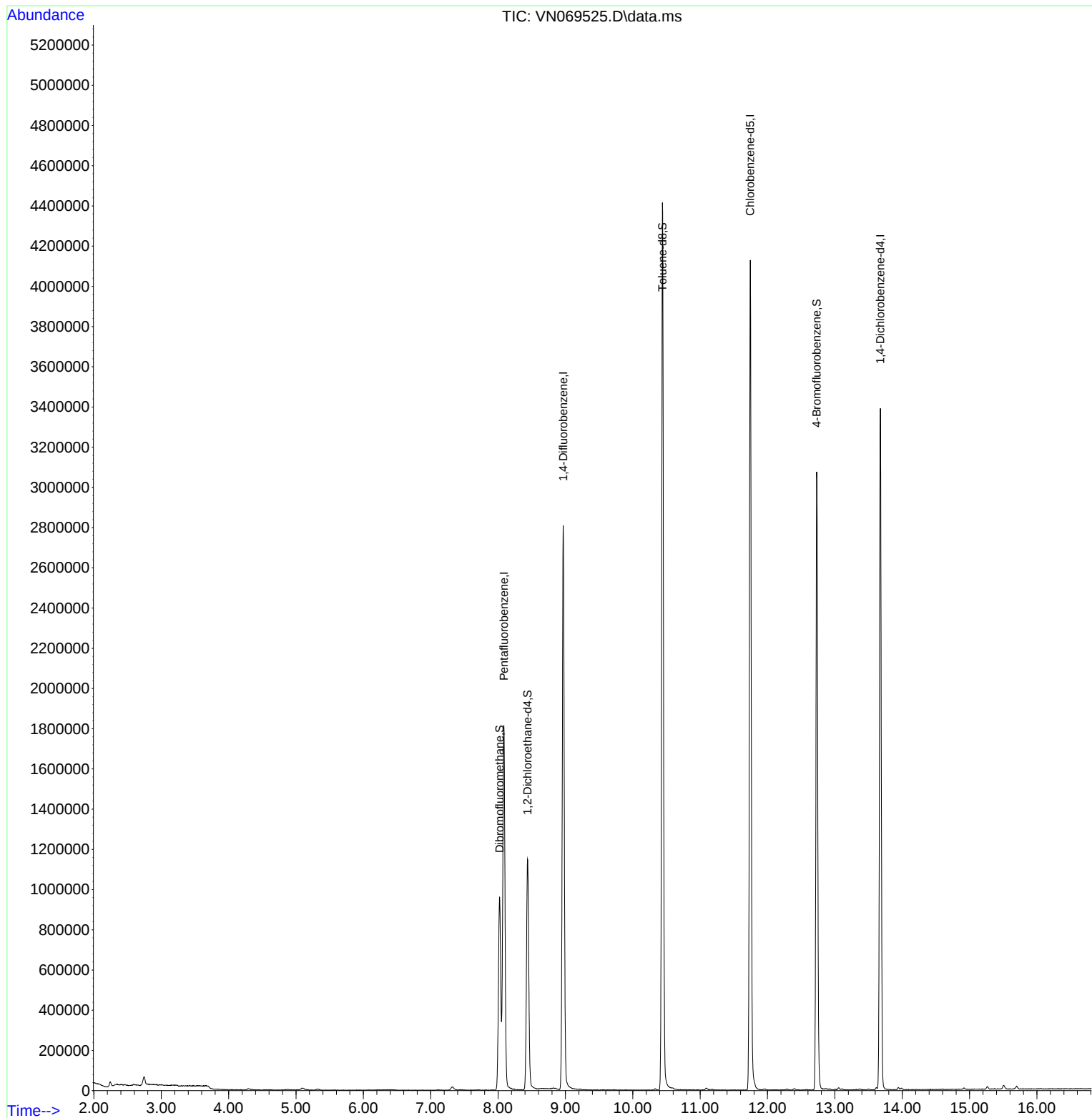
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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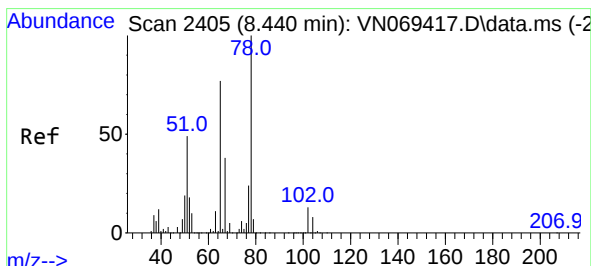
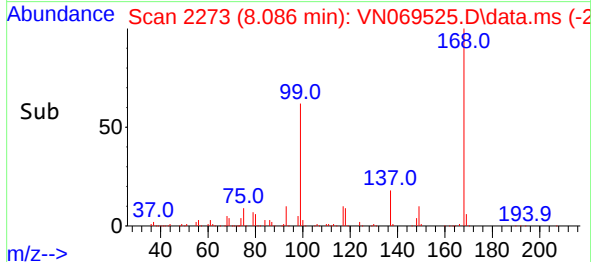
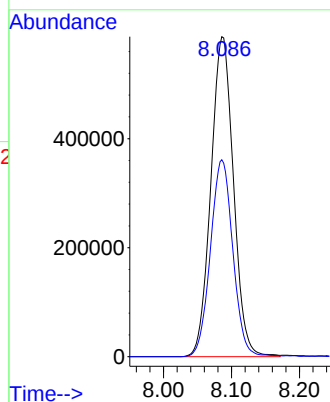
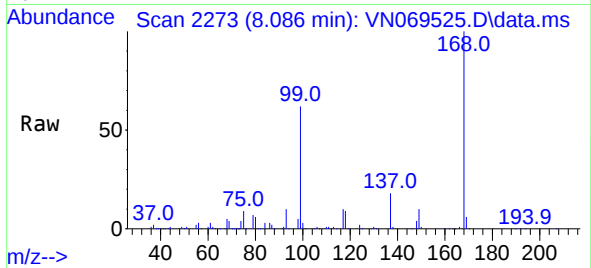




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069525.D  
Acq: 17 Nov 2021 11:56

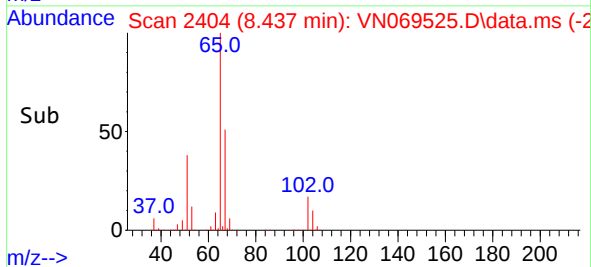
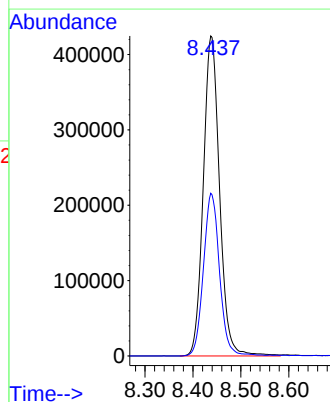
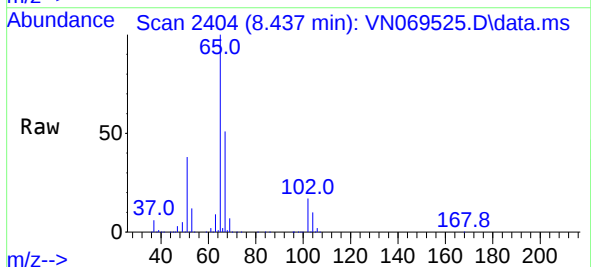
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBL01

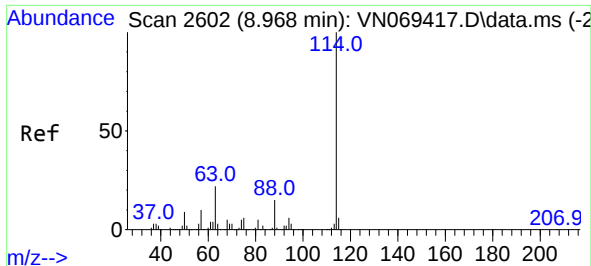
Tgt Ion:168 Resp: 1357417  
Ion Ratio Lower Upper  
168 100  
99 61.5 41.3 61.9



#33  
1,2-Dichloroethane-d4  
Concen: 51.067 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. -0.003 min  
Lab File: VN069525.D  
Acq: 17 Nov 2021 11:56

Tgt Ion: 65 Resp: 1005088  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 103.0

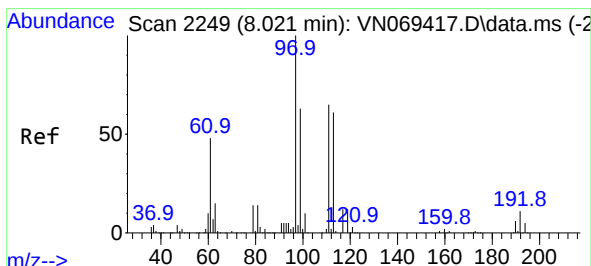
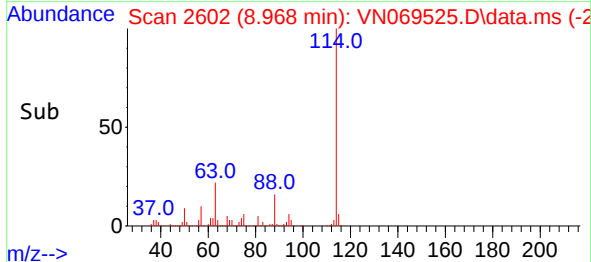
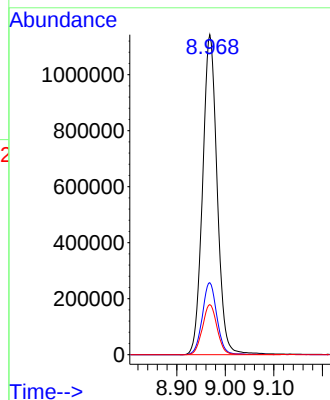
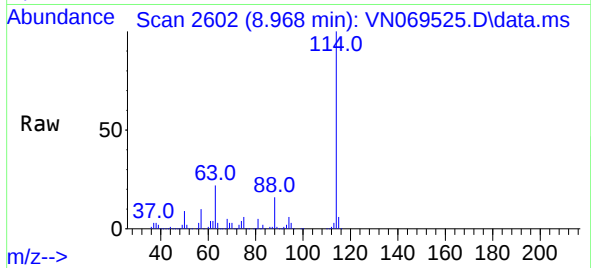




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 210  
Delta R.T. 0.000 min  
Lab File: VN069525.D  
Acq: 17 Nov 2021 11:56

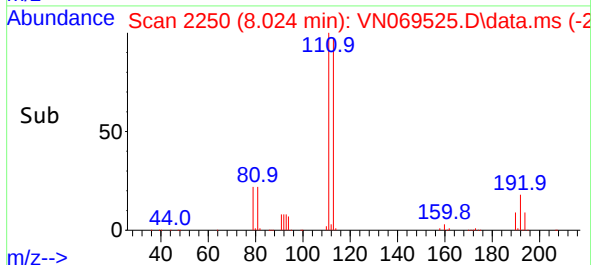
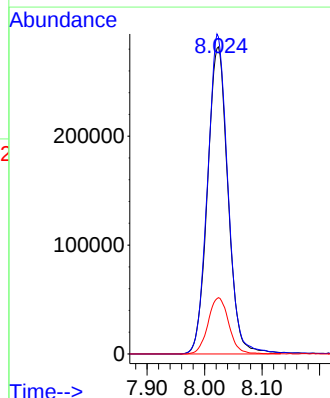
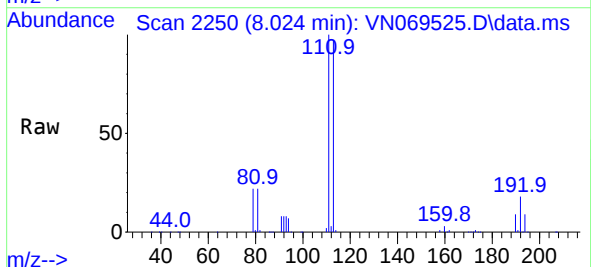
Instrument :  
MSVOA\_N  
ClientSampleId :  
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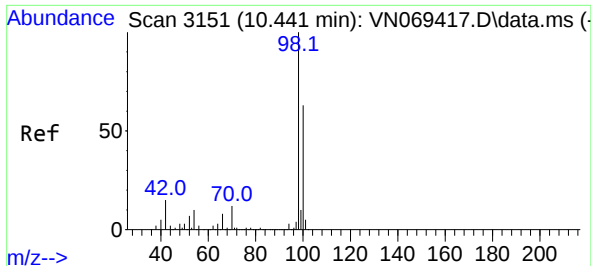
Tgt Ion:114 Resp: 2380755  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 37.8  
88 15.7 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 48.936 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN069525.D  
Acq: 17 Nov 2021 11:56

Tgt Ion:113 Resp: 698739  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.2 123.2  
192 18.5 16.9 25.3

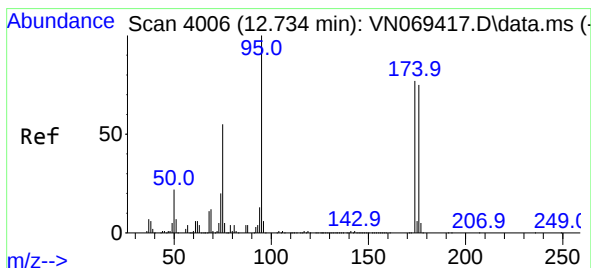
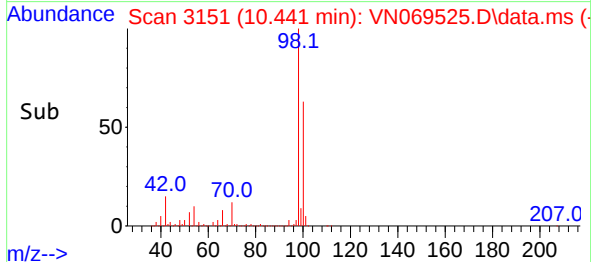
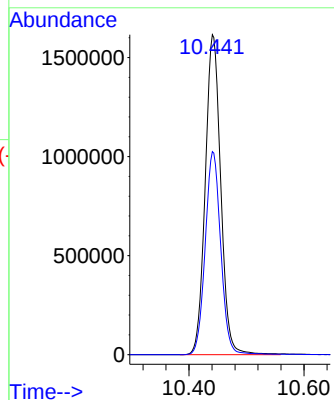
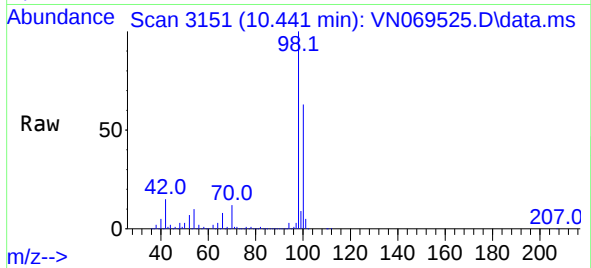




#50  
Toluene-d8  
Concen: 53.818 ug/l  
RT: 10.441 min Scan# 3151  
Delta R.T. -0.000 min  
Lab File: VN069525.D  
Acq: 17 Nov 2021 11:56

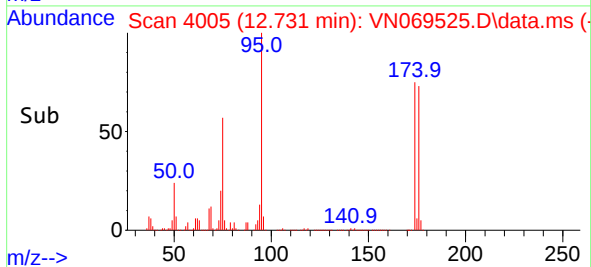
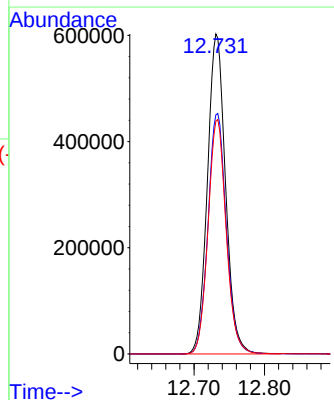
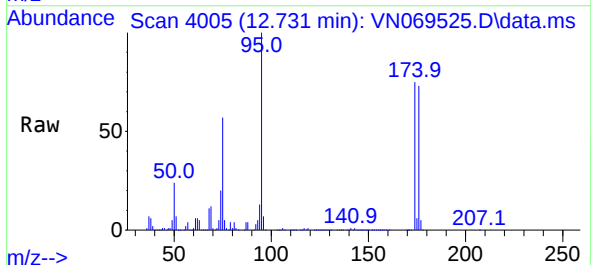
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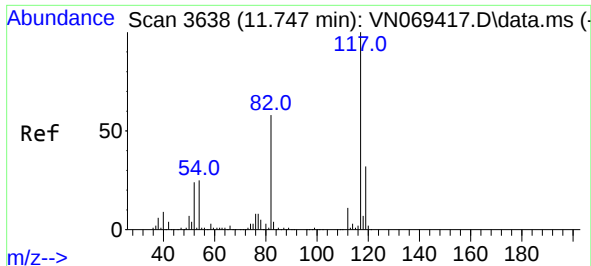
Tgt Ion: 98 Resp: 3022317  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 52.109 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. -0.003 min  
Lab File: VN069525.D  
Acq: 17 Nov 2021 11:56

Tgt Ion: 95 Resp: 1075022  
Ion Ratio Lower Upper  
95 100  
174 76.1 0.0 187.2  
176 73.3 0.0 181.4



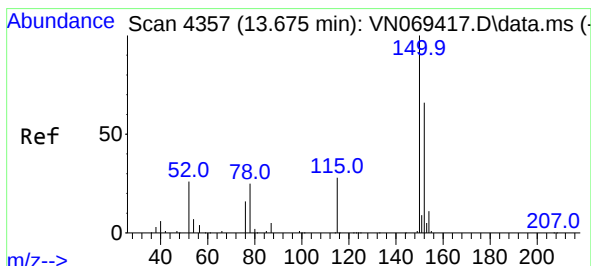
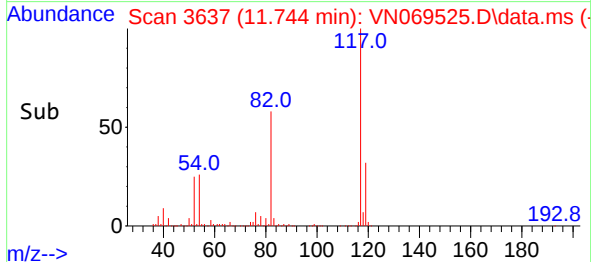
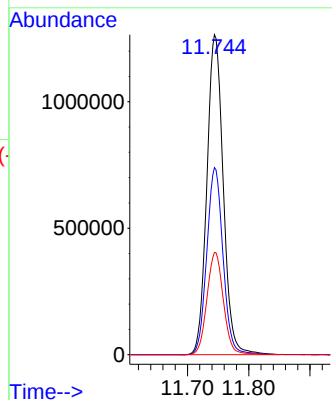
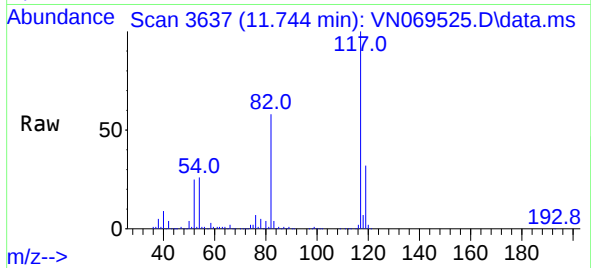


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. -0.003 min  
Lab File: VN069525.D  
Acq: 17 Nov 2021 11:56

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1117WBL01

Tgt Ion:117 Resp: 2352654

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 58.4  | 42.4  | 63.6  |
| 119 | 31.9  | 25.4  | 38.2  |



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. -0.000 min  
Lab File: VN069525.D  
Acq: 17 Nov 2021 11:56

Tgt Ion:152 Resp: 895975

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 61.3  | 27.5  | 82.5  |
| 150 | 159.6 | 0.0   | 344.4 |

