

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012422\  
 Data File : VN070746.D  
 Acq On : 24 Jan 2022 10:46  
 Operator : JC/MD  
 Sample : VN0124MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0124MBL01

Quant Time: Jan 24 23:28:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.086  | 168  | 976614   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.965  | 114  | 1562419  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.744 | 117  | 1364641  | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.675 | 152  | 493775   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 655285   | 46.818   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 93.640% |
| 35) Dibromofluoromethane    | 8.021  | 113   | 454734   | 46.920   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 93.840% |
| 50) Toluene-d8              | 10.440 | 98    | 1912510  | 46.842   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 93.680% |
| 62) 4-Bromofluorobenzene    | 12.728 | 95    | 647336   | 44.493   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 88.980% |

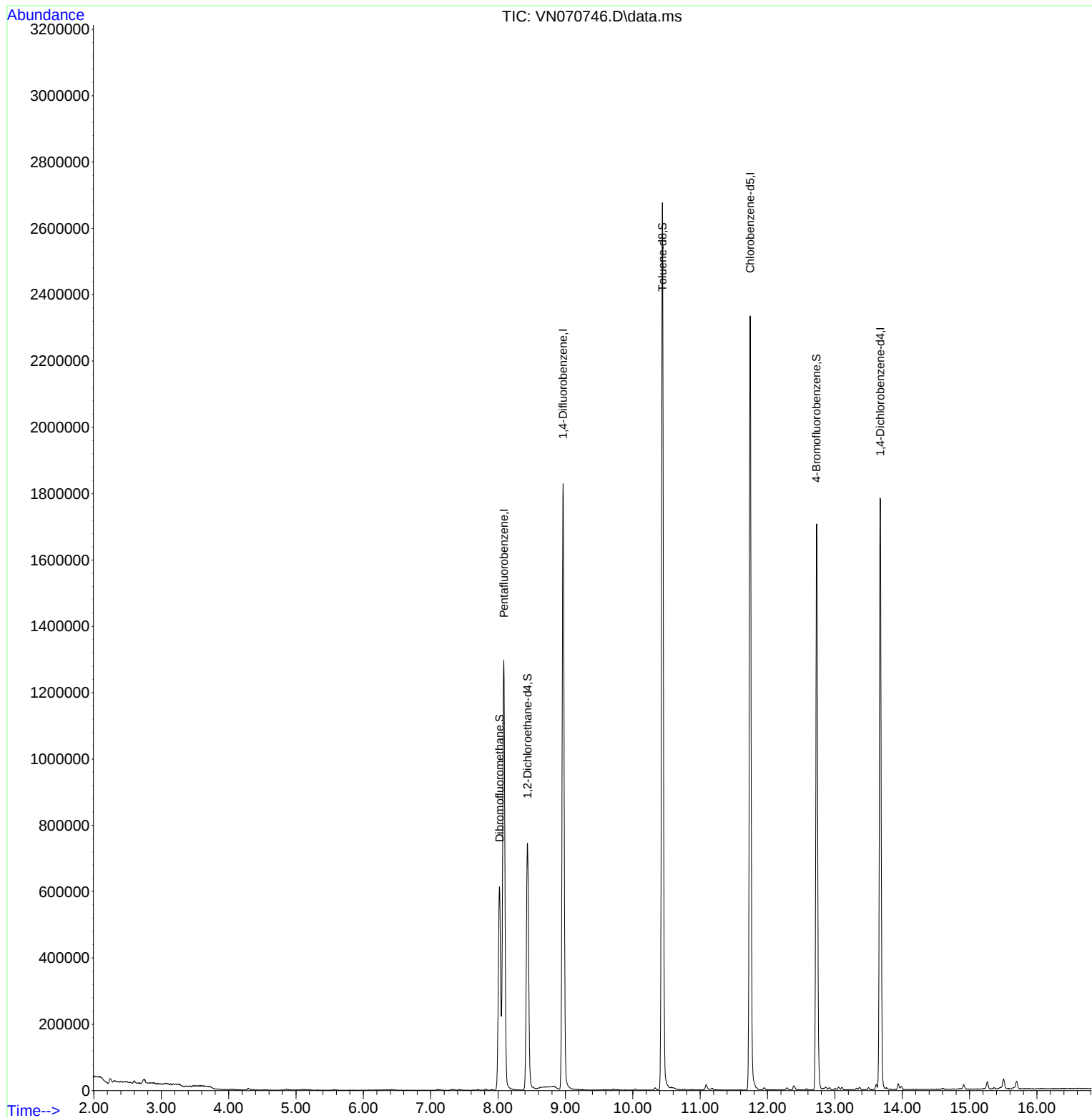
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

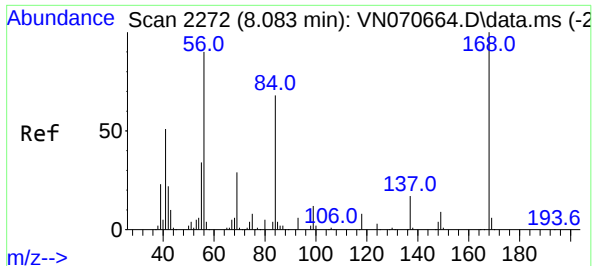
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jan 18 13:32:07 2022  
Response via : Initial Calibration

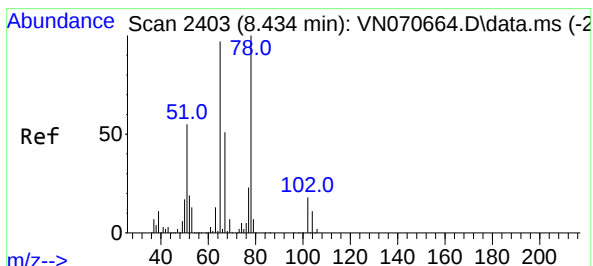
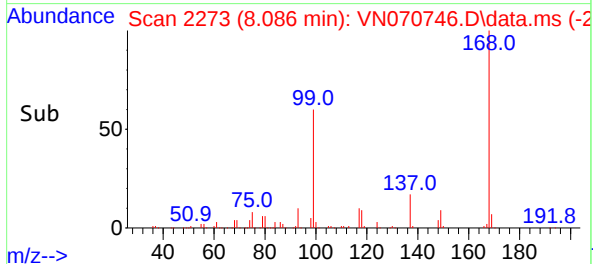
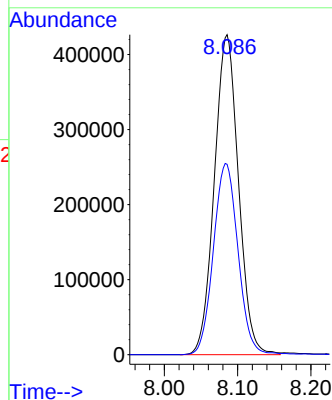
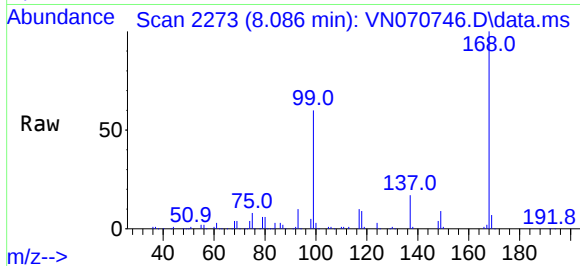




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VN070746.D  
Acq: 24 Jan 2022 10:46

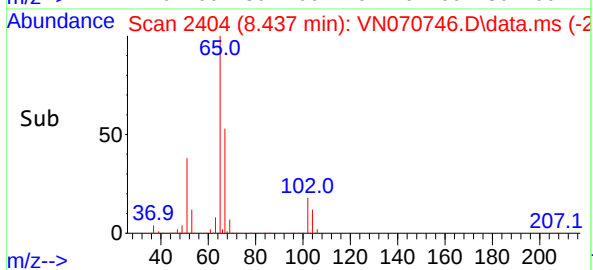
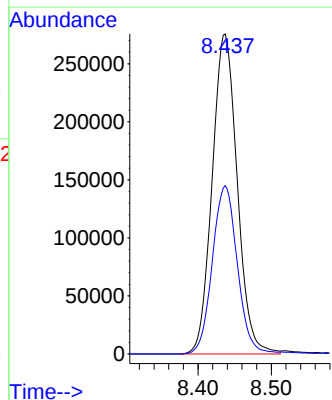
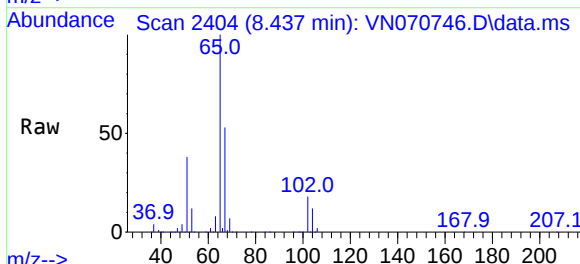
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

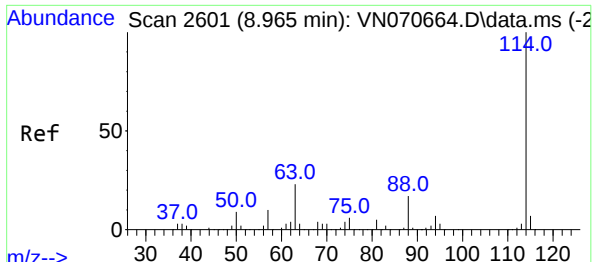
Tgt Ion:168 Resp: 976614  
Ion Ratio Lower Upper  
168 100  
99 59.5 41.3 61.9



#33  
1,2-Dichloroethane-d4  
Concen: 46.818 ug/l  
RT: 8.437 min Scan# 2404  
Delta R.T. 0.003 min  
Lab File: VN070746.D  
Acq: 24 Jan 2022 10:46

Tgt Ion: 65 Resp: 655285  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 103.0

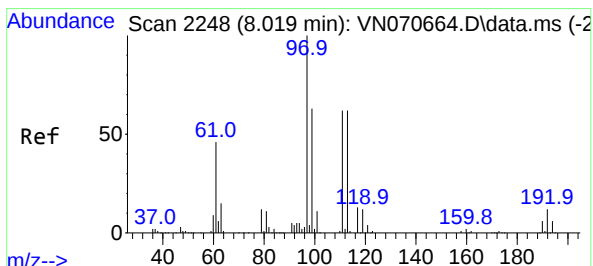
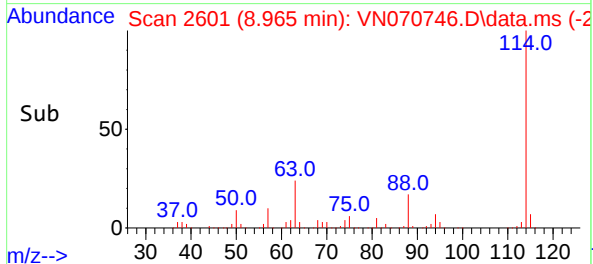
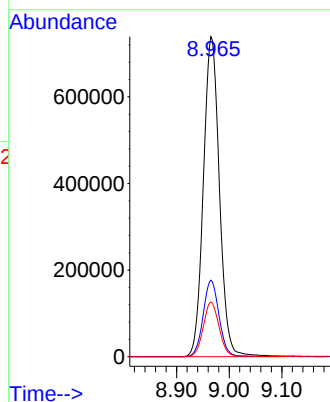
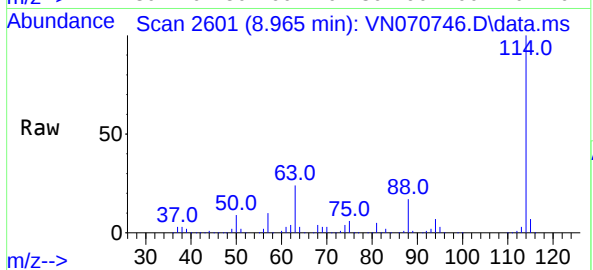




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.965 min Scan# 2601  
Delta R.T. 0.000 min  
Lab File: VN070746.D  
Acq: 24 Jan 2022 10:46

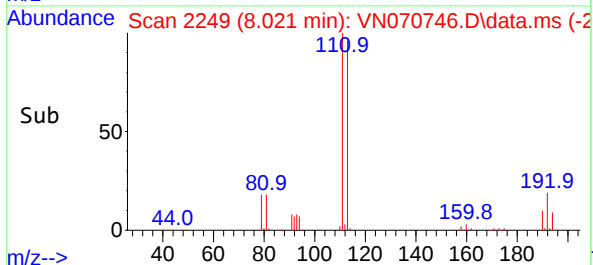
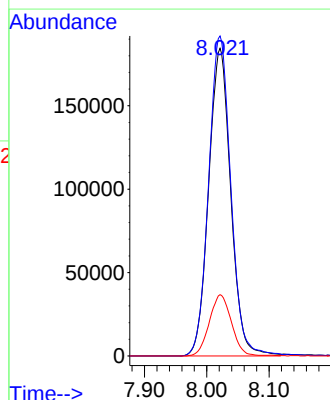
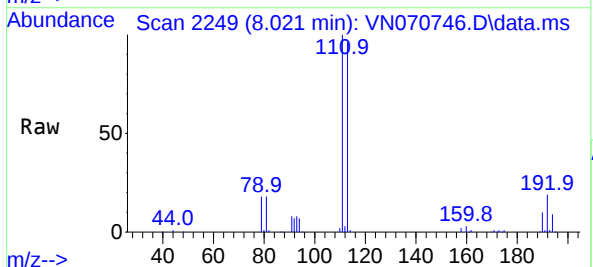
Instrument :  
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ClientSampleId :  
VN0124MBL01

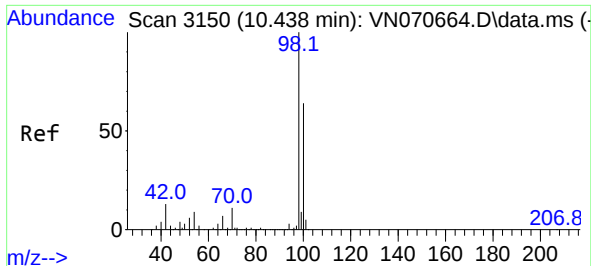
Tgt Ion:114 Resp: 1562419  
Ion Ratio Lower Upper  
114 100  
63 23.9 0.0 37.8  
88 17.1 0.0 27.4



#35  
Dibromofluoromethane  
Concen: 46.920 ug/l  
RT: 8.021 min Scan# 2249  
Delta R.T. 0.002 min  
Lab File: VN070746.D  
Acq: 24 Jan 2022 10:46

Tgt Ion:113 Resp: 454734  
Ion Ratio Lower Upper  
113 100  
111 104.3 82.2 123.2  
192 19.8 16.9 25.3

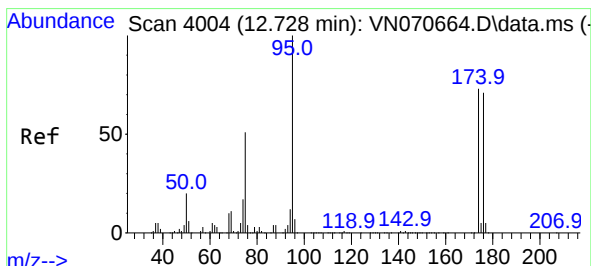
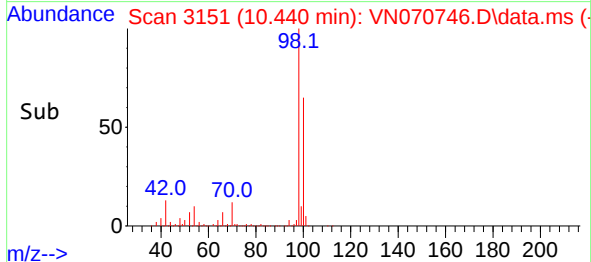
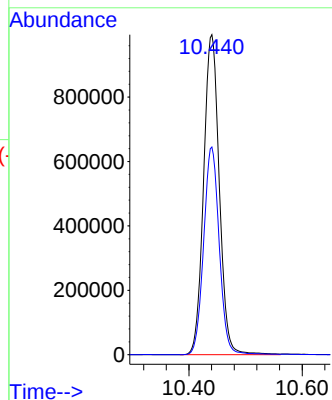
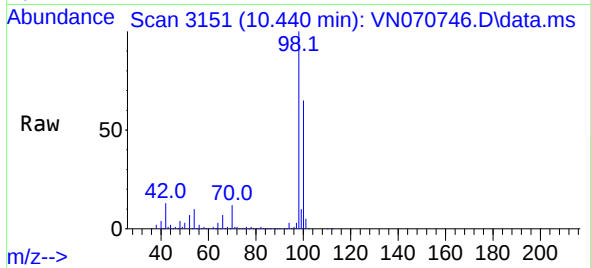




#50  
Toluene-d8  
Concen: 46.842 ug/l  
RT: 10.440 min Scan# 3150  
Delta R.T. 0.002 min  
Lab File: VN070746.D  
Acq: 24 Jan 2022 10:46

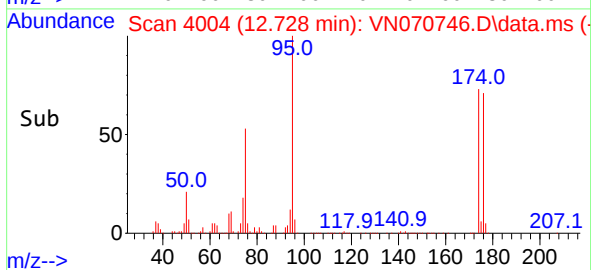
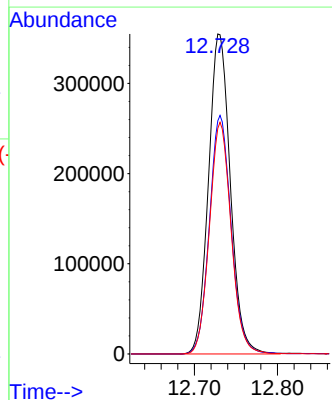
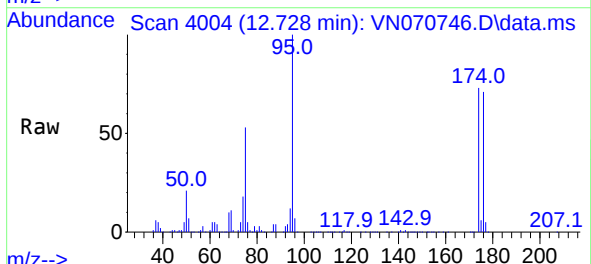
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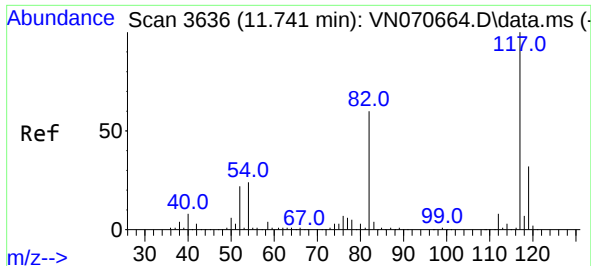
Tgt Ion: 98 Resp: 1912510  
Ion Ratio Lower Upper  
98 100  
100 64.4 50.4 75.6



#62  
4-Bromofluorobenzene  
Concen: 44.493 ug/l  
RT: 12.728 min Scan# 4004  
Delta R.T. 0.000 min  
Lab File: VN070746.D  
Acq: 24 Jan 2022 10:46

Tgt Ion: 95 Resp: 647336  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 187.2  
176 71.9 0.0 181.4

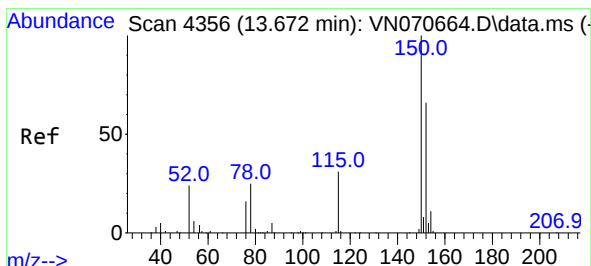
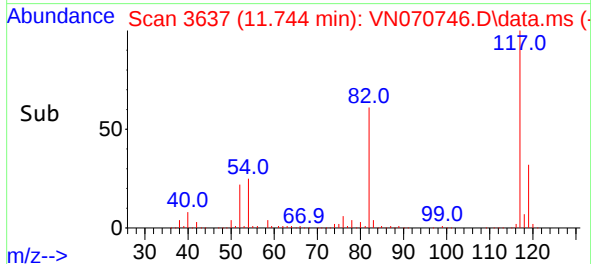
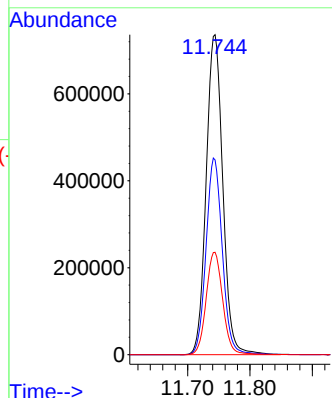
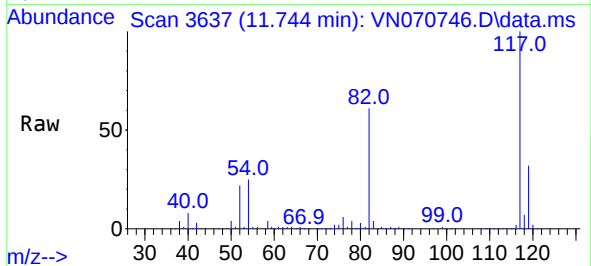




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3636  
Delta R.T. 0.003 min  
Lab File: VN070746.D  
Acq: 24 Jan 2022 10:46

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0124MBL01

Tgt Ion:117 Resp: 1364641  
Ion Ratio Lower Upper  
117 100  
82 60.9 42.4 63.6  
119 32.0 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.003 min  
Lab File: VN070746.D  
Acq: 24 Jan 2022 10:46

Tgt Ion:152 Resp: 493775  
Ion Ratio Lower Upper  
152 100  
115 62.1 27.5 82.5  
150 157.9 0.0 344.4

