

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081221\  
 Data File : VN068084.D  
 Acq On : 12 Aug 2021 12:09  
 Operator : JC/MD  
 Sample : VN0812WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0812WBL01

Quant Time: Aug 13 05:40:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072921W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 29 15:02:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.086  | 168   | 316077   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.971  | 114   | 602366   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.747 | 117   | 589244   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.678 | 152   | 194307   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 241686   | 54.013   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 108.020% |          |
| 35) Dibromofluoromethane    | 8.024  | 113   | 182777   | 52.066   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 104.140% |          |
| 50) Toluene-d8              | 10.443 | 98    | 767332   | 47.566   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 95.140%  |          |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 250411   | 43.001   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 86.000%  |          |

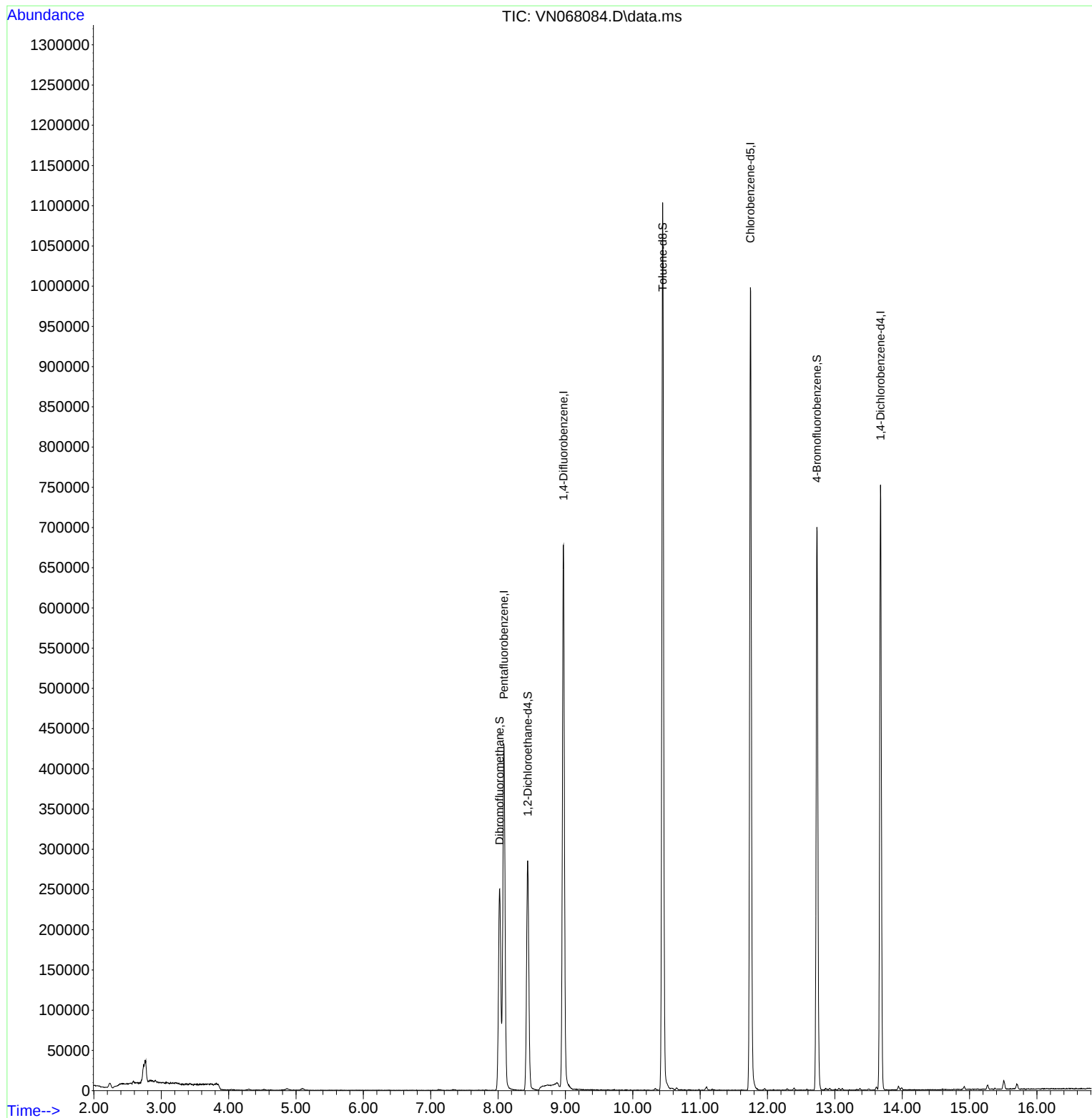
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

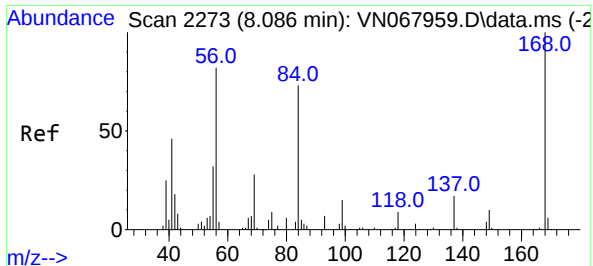
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VN0812WBL01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0812WBL01

Quant Time: Aug 13 05:40:18 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N072921W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 29 15:02:35 2021  
Response via : Initial Calibration

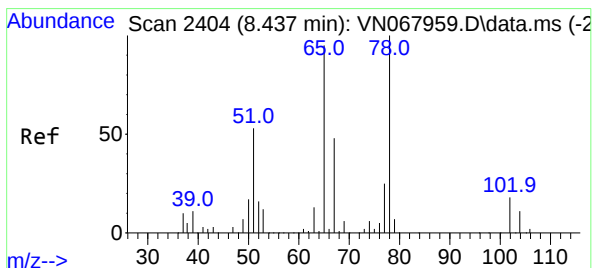
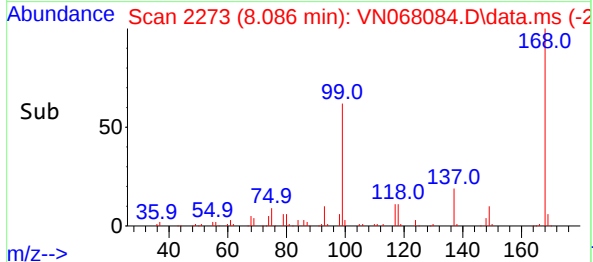
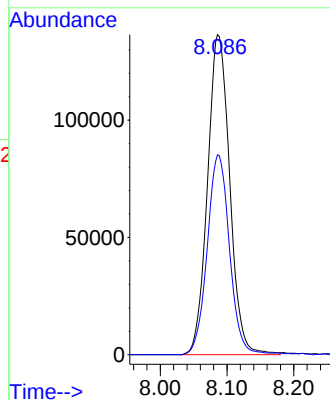
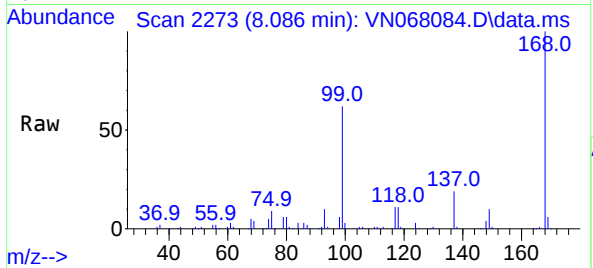




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.000 min  
Lab File: VN068084.D  
Acq: 12 Aug 2021 12:09

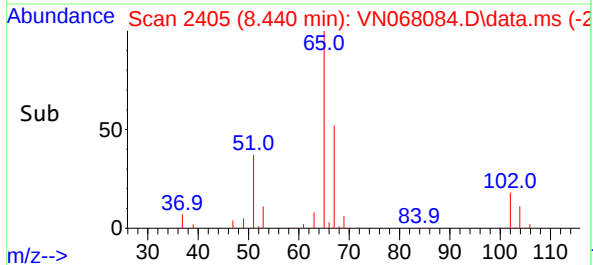
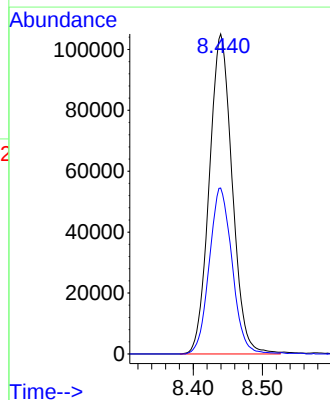
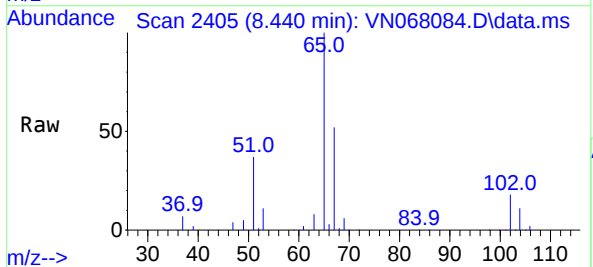
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0812WBL01

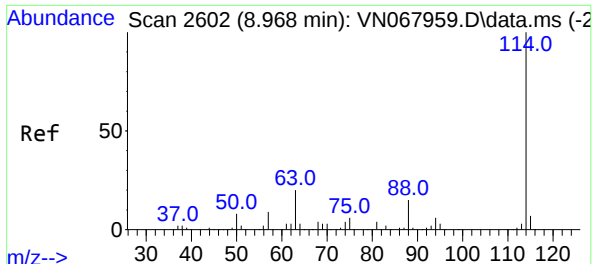
Tgt Ion:168 Resp: 316077  
Ion Ratio Lower Upper  
168 100  
99 62.5 62.9 94.3#



#33  
1,2-Dichloroethane-d4  
Concen: 54.013 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.003 min  
Lab File: VN068084.D  
Acq: 12 Aug 2021 12:09

Tgt Ion: 65 Resp: 241686  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 98.6

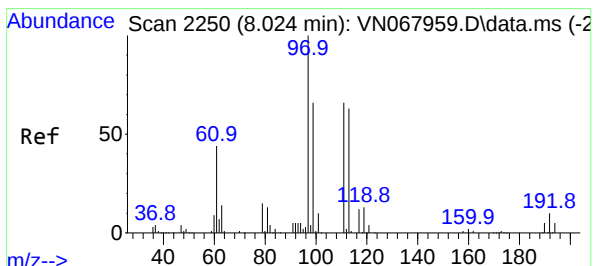
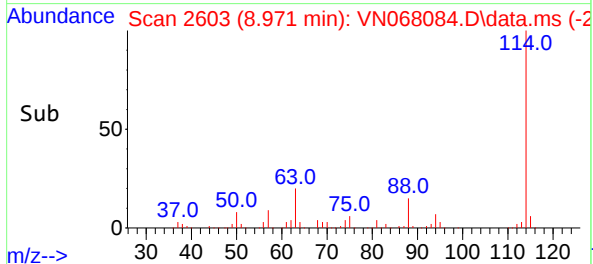
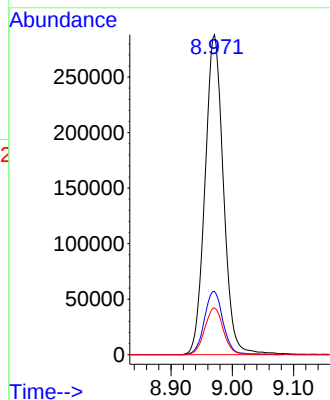
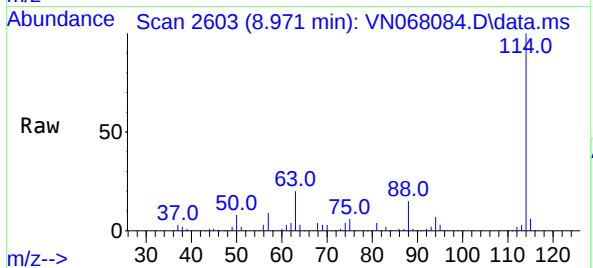




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068084.D  
Acq: 12 Aug 2021 12:09

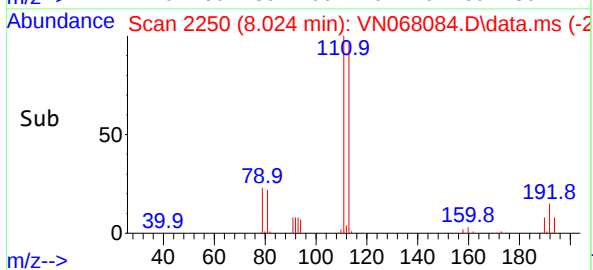
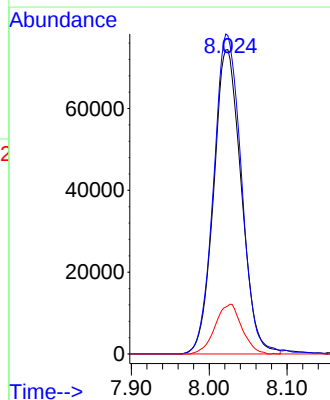
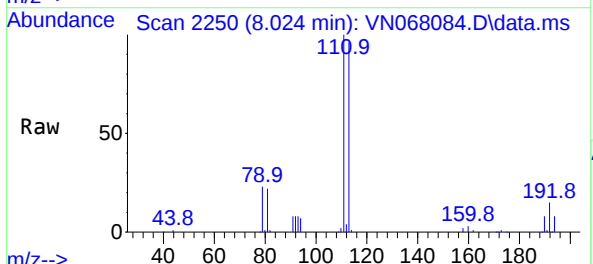
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0812WBL01

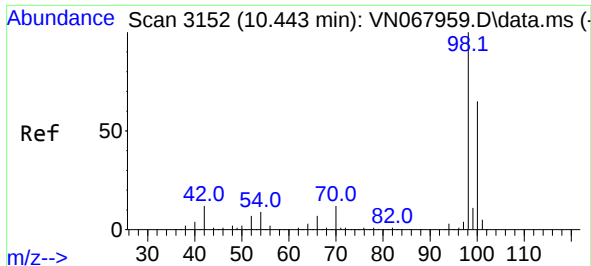
Tgt Ion:114 Resp: 602366  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 49.0  
88 14.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 52.066 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VN068084.D  
Acq: 12 Aug 2021 12:09

Tgt Ion:113 Resp: 182777  
Ion Ratio Lower Upper  
113 100  
111 105.4 83.8 125.8  
192 15.9 13.4 20.0

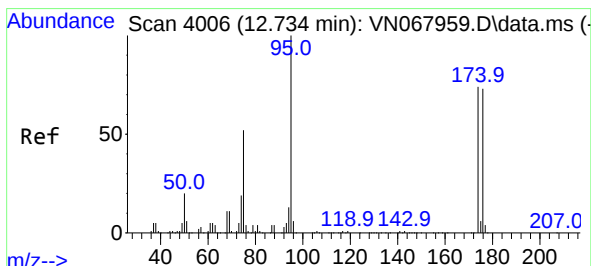
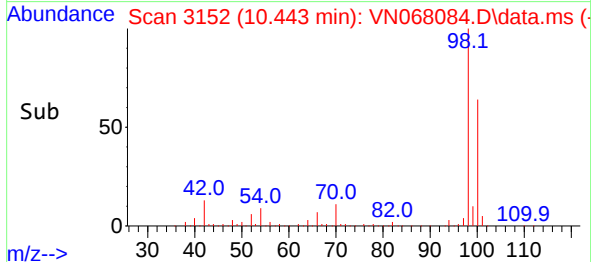
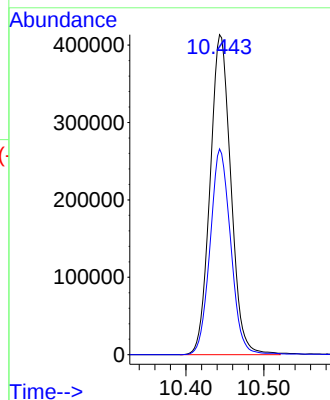
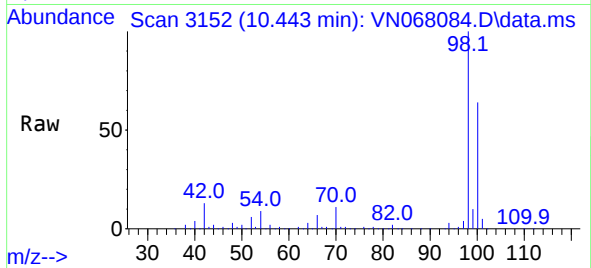




#50  
Toluene-d8  
Concen: 47.566 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068084.D  
Acq: 12 Aug 2021 12:09

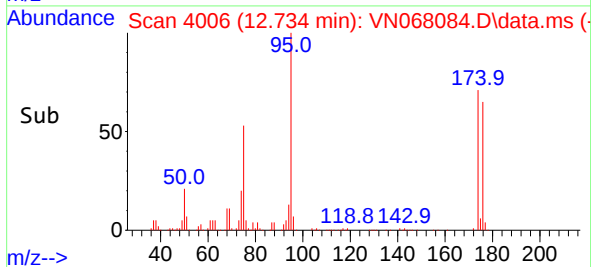
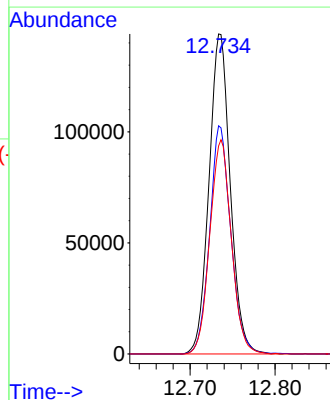
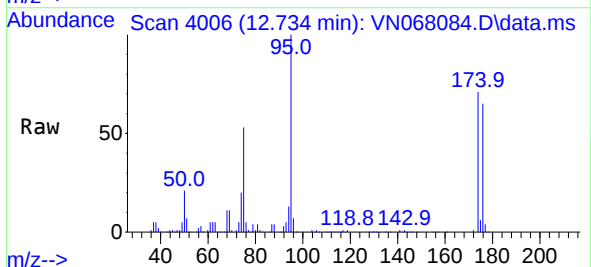
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0812WBL01

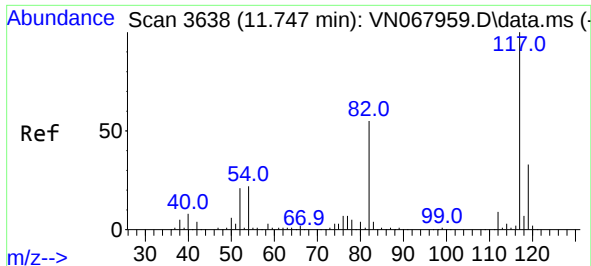
Tgt Ion: 98 Resp: 767332  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 43.001 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN068084.D  
Acq: 12 Aug 2021 12:09

Tgt Ion: 95 Resp: 250411  
Ion Ratio Lower Upper  
95 100  
174 71.0 0.0 122.0  
176 67.8 0.0 117.6

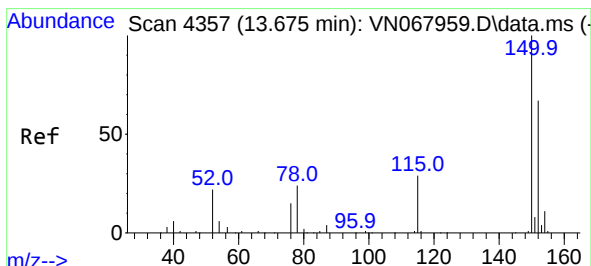
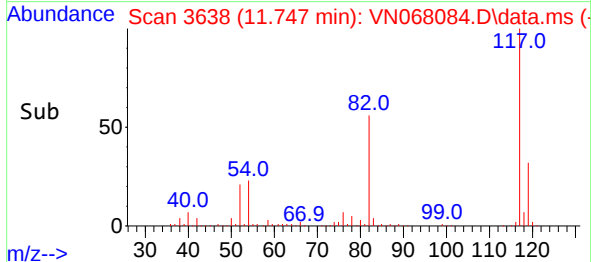
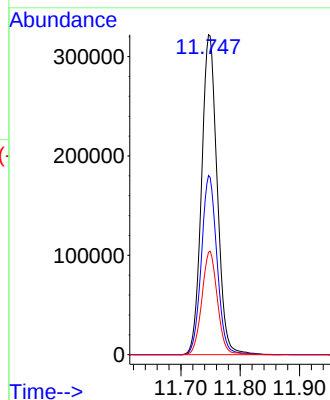
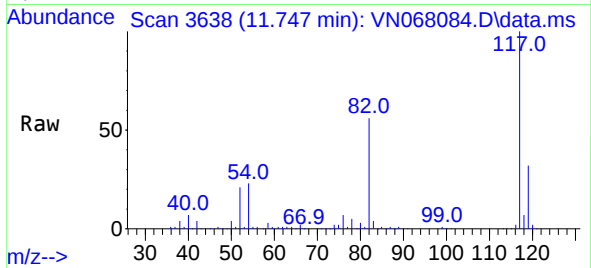




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN068084.D  
Acq: 12 Aug 2021 12:09

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0812WBL01

Tgt Ion:117 Resp: 589244  
Ion Ratio Lower Upper  
117 100  
82 56.0 53.1 79.7  
119 32.0 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. 0.003 min  
Lab File: VN068084.D  
Acq: 12 Aug 2021 12:09

Tgt Ion:152 Resp: 194307  
Ion Ratio Lower Upper  
152 100  
115 64.6 36.1 108.5  
150 161.1 0.0 351.8

