

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072721\  
 Data File : VN067923.D  
 Acq On : 27 Jul 2021 12:47  
 Operator : JC/MD  
 Sample : VN0727WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0727WBL01

Quant Time: Jul 28 05:18:08 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 07 16:18:53 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.088  | 168  | 394383   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.968  | 114  | 752655   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.746 | 117  | 721712   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.677 | 152  | 251497   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 344280   | 57.762   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 115.520% |
| 35) Dibromofluoromethane    | 8.024  | 113   | 253171   | 55.674   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 111.340% |
| 50) Toluene-d8              | 10.443 | 98    | 1060267  | 55.704   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 111.400% |
| 62) 4-Bromofluorobenzene    | 12.733 | 95    | 341402   | 50.774   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 101.540% |

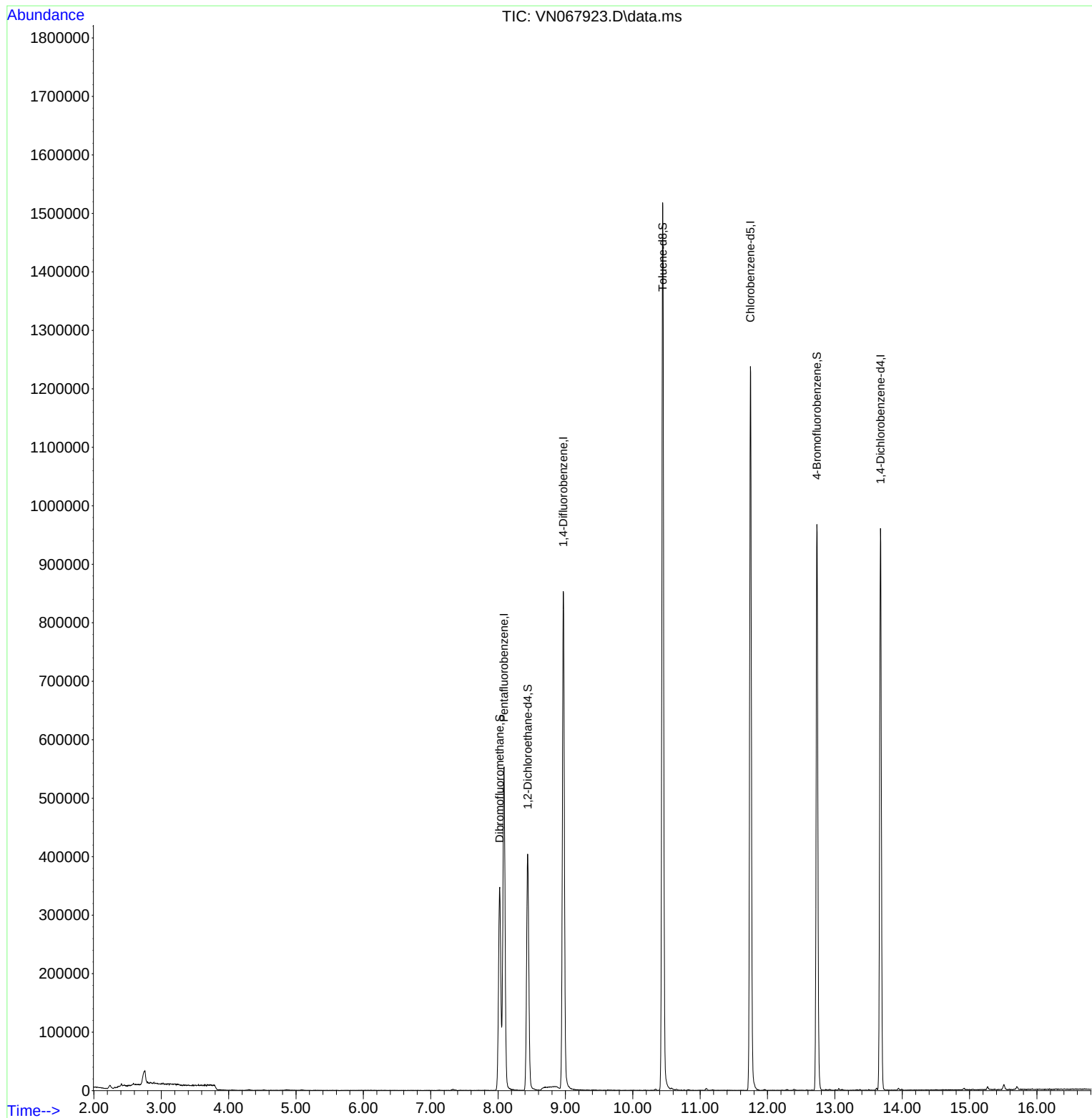
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

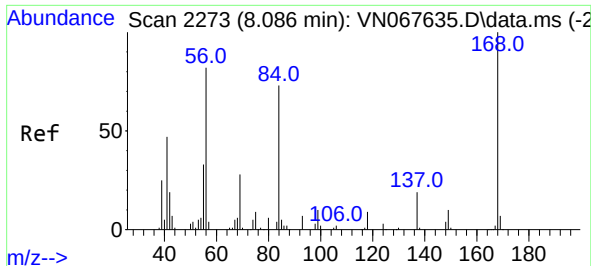
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N070721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 07 16:18:53 2021  
Response via : Initial Calibration

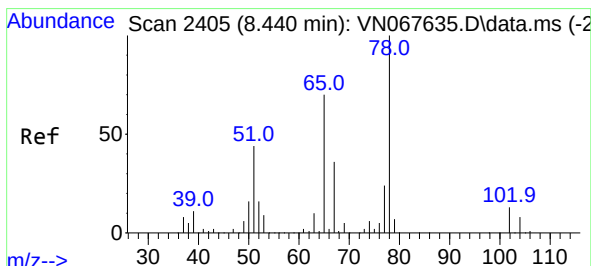
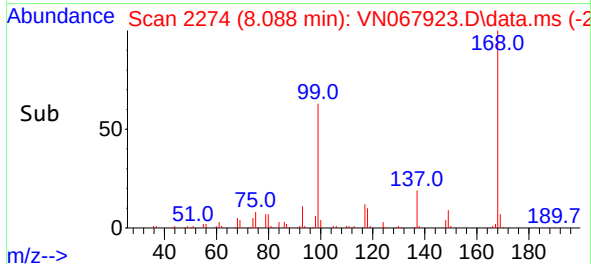
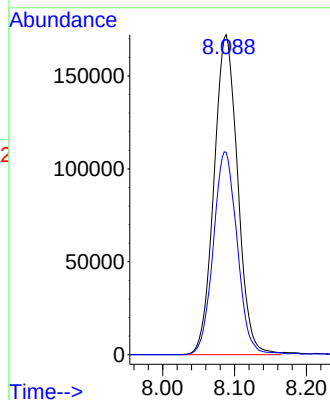
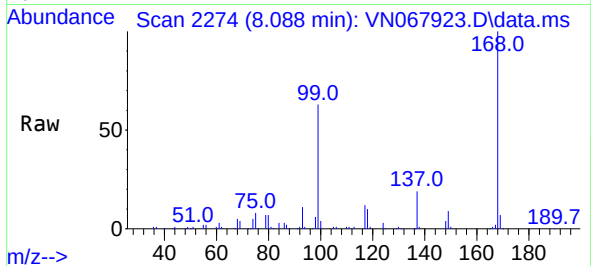




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.002 min  
Lab File: VN067923.D  
Acq: 27 Jul 2021 12:47

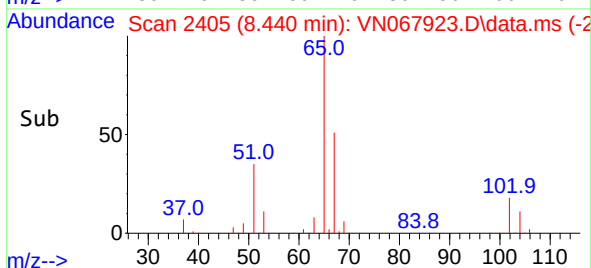
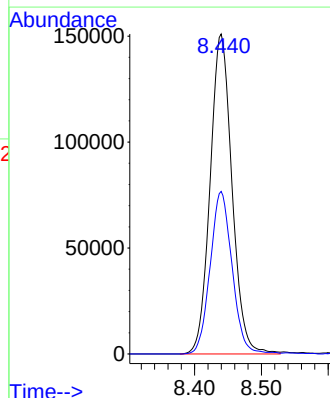
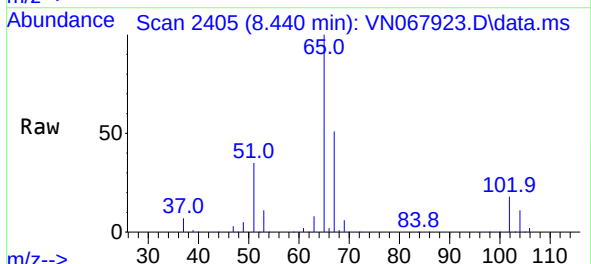
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0727WBL01

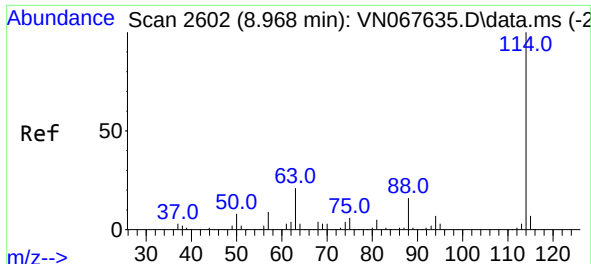
Tgt Ion:168 Resp: 394383  
Ion Ratio Lower Upper  
168 100  
99 63.3 62.9 94.3



#33  
1,2-Dichloroethane-d4  
Concen: 57.762 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067923.D  
Acq: 27 Jul 2021 12:47

Tgt Ion: 65 Resp: 344280  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 98.6

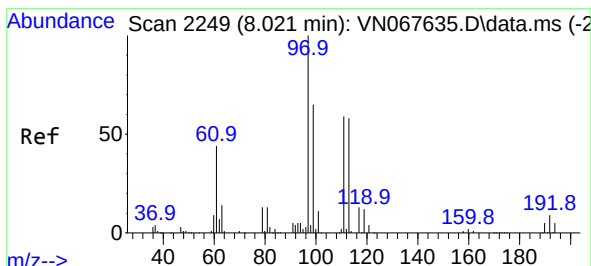
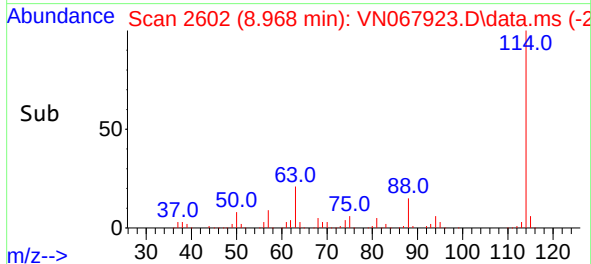
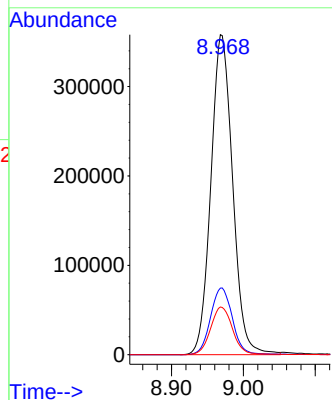
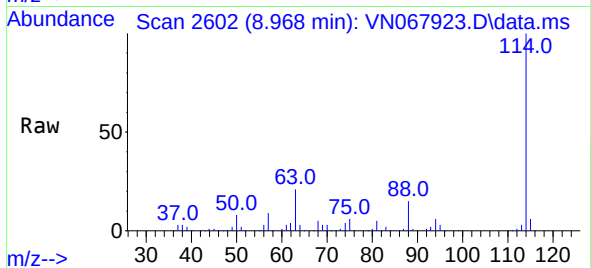




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN067923.D  
Acq: 27 Jul 2021 12:47

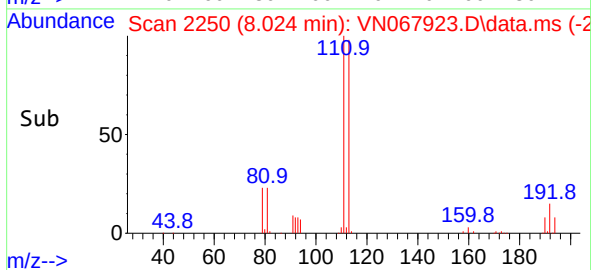
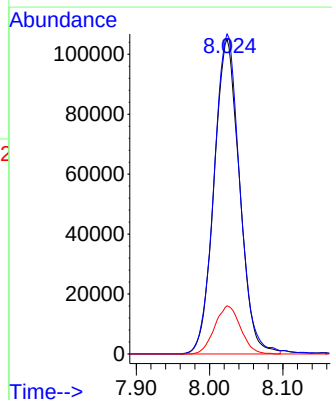
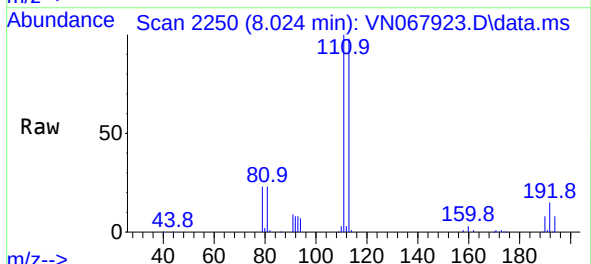
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0727WBL01

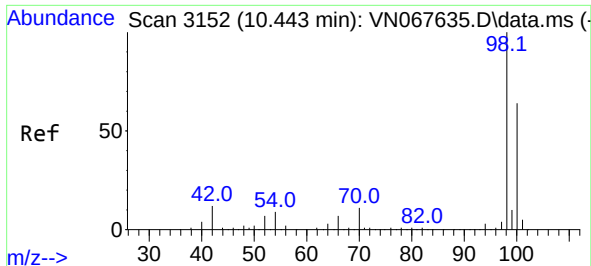
Tgt Ion:114 Resp: 752655  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 49.0  
88 14.9 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 55.674 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN067923.D  
Acq: 27 Jul 2021 12:47

Tgt Ion:113 Resp: 253171  
Ion Ratio Lower Upper  
113 100  
111 103.2 83.8 125.8  
192 15.5 13.4 20.0

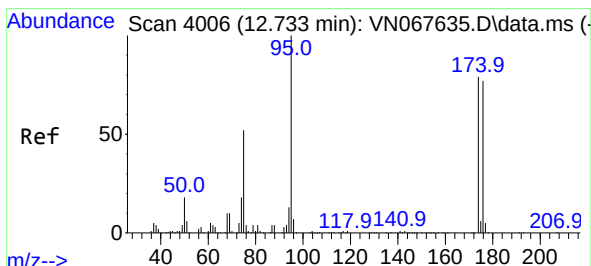
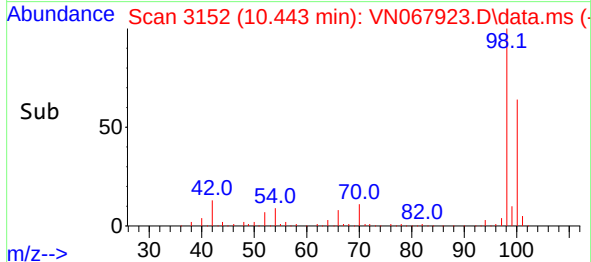
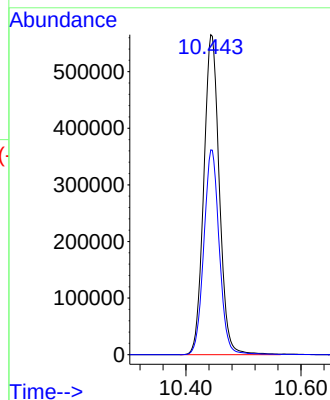
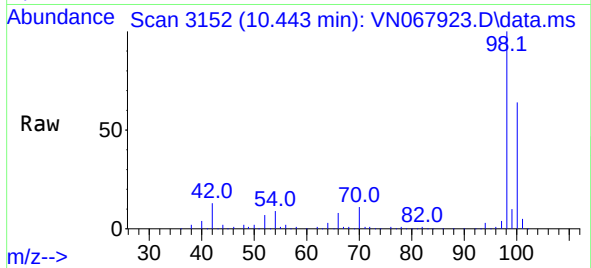




#50  
Toluene-d8  
Concen: 55.704 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067923.D  
Acq: 27 Jul 2021 12:47

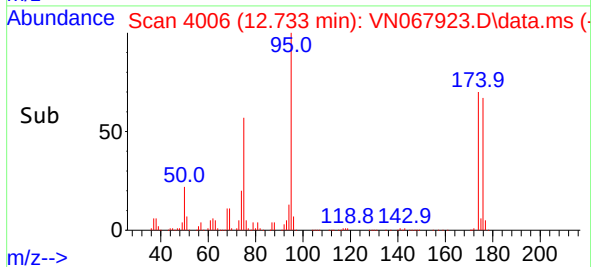
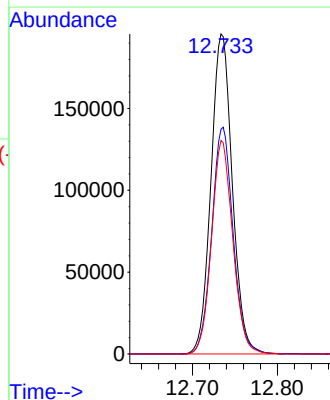
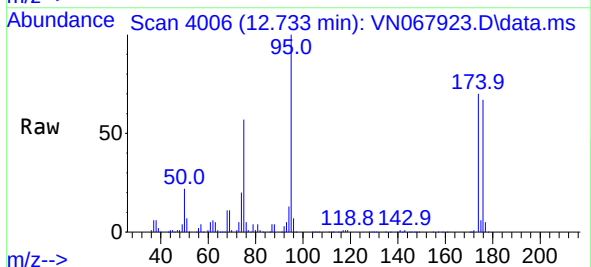
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0727WBL01

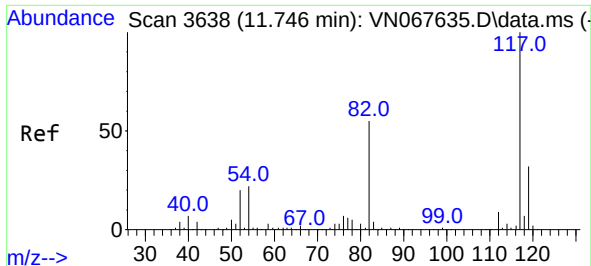
Tgt Ion: 98 Resp: 1060267  
Ion Ratio Lower Upper  
98 100  
100 63.5 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 50.774 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067923.D  
Acq: 27 Jul 2021 12:47

Tgt Ion: 95 Resp: 341402  
Ion Ratio Lower Upper  
95 100  
174 71.1 0.0 122.0  
176 66.4 0.0 117.6

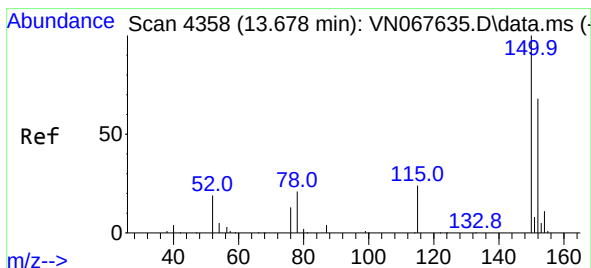
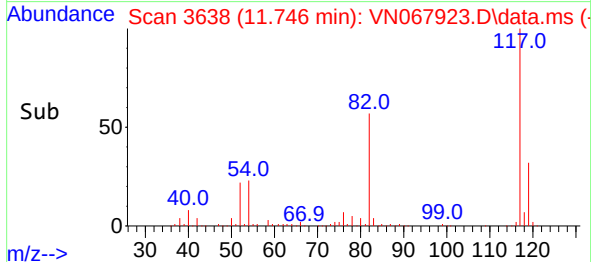
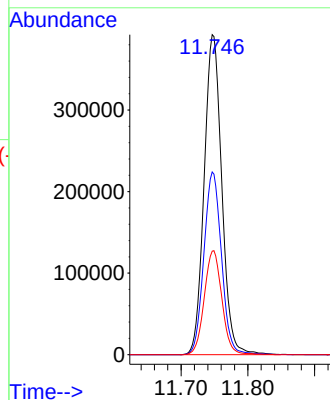
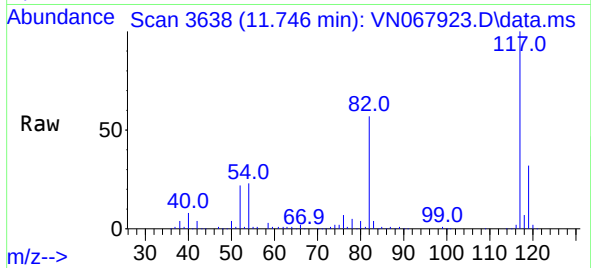




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN067923.D  
Acq: 27 Jul 2021 12:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0727WBL01

Tgt Ion:117 Resp: 721712  
Ion Ratio Lower Upper  
117 100  
82 57.1 53.1 79.7  
119 32.3 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. -0.000 min  
Lab File: VN067923.D  
Acq: 27 Jul 2021 12:47

Tgt Ion:152 Resp: 251497  
Ion Ratio Lower Upper  
152 100  
115 63.1 36.1 108.5  
150 156.0 0.0 351.8

