

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082721\  
 Data File : VN068345.D  
 Acq On : 27 Aug 2021 15:30  
 Operator : JC/MD  
 Sample : M3524-01  
 Misc : 5.09g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PE-1

Quant Time: Aug 28 01:28:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 13:09:49 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.080  | 168  | 446799   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.965  | 114  | 761279   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.747 | 117  | 773281   | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 404701   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.432  | 65    | 255844   | 53.629   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 107.260% |
| 35) Dibromofluoromethane    | 8.019  | 113   | 230026   | 48.127   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 96.260%  |
| 50) Toluene-d8              | 10.440 | 98    | 891080   | 48.929   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 97.860%  |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 333908   | 55.077   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 110.160% |

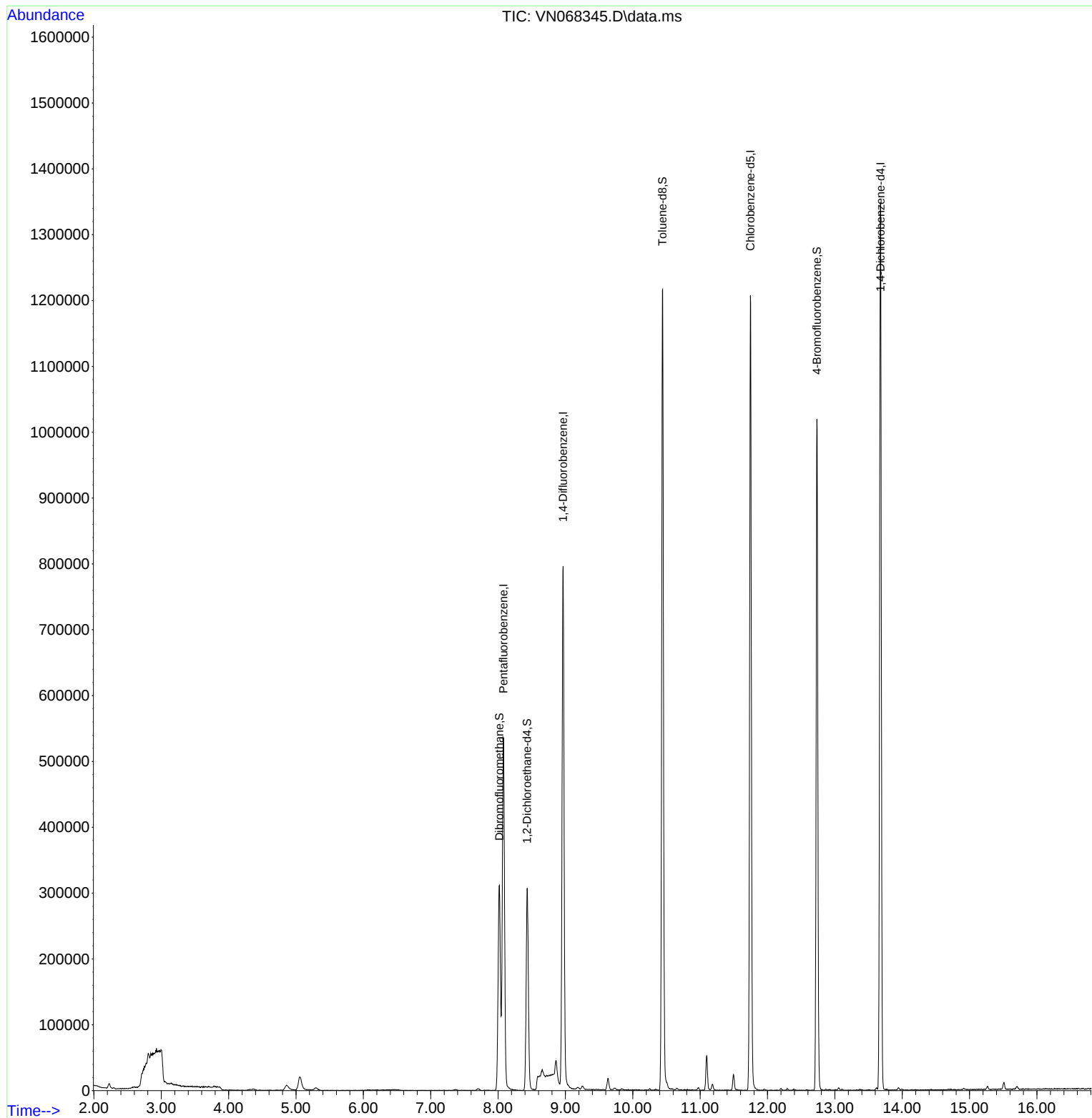
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

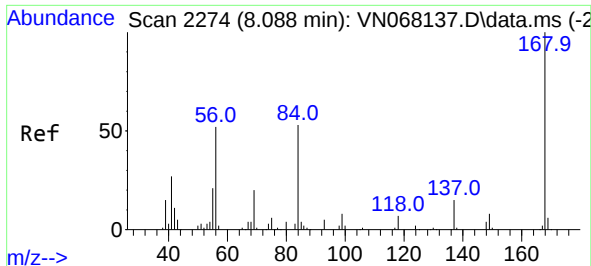
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M3524-01  
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Instrument :  
MSVOA\_N  
ClientSampleId :  
PE-1

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Quant Title : SW846 8260  
QLast Update : Tue Aug 17 13:09:49 2021  
Response via : Initial Calibration

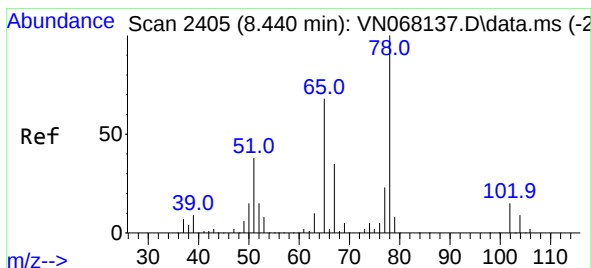
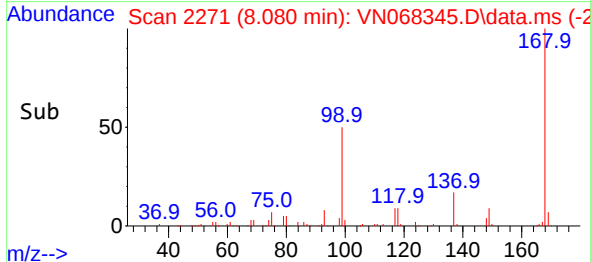
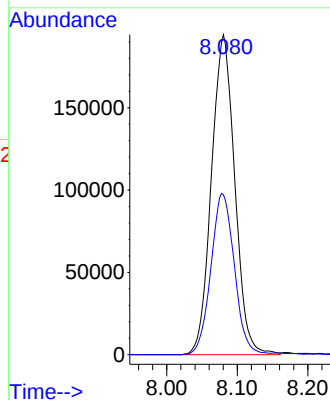
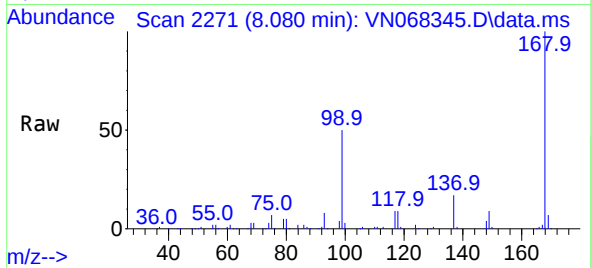




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 2271  
Delta R.T. -0.008 min  
Lab File: VN068345.D  
Acq: 27 Aug 2021 15:30

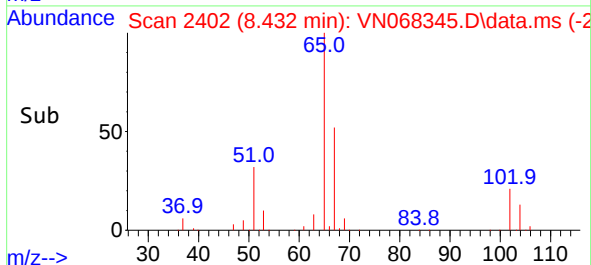
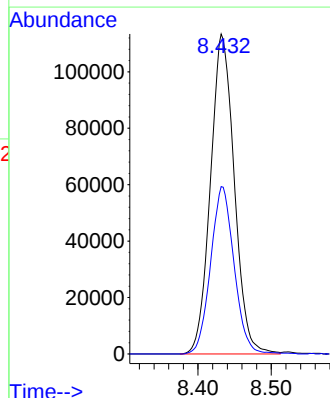
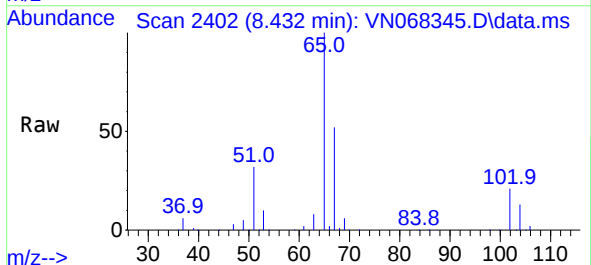
Instrument :  
MSVOA\_N  
ClientSampled :  
PE-1

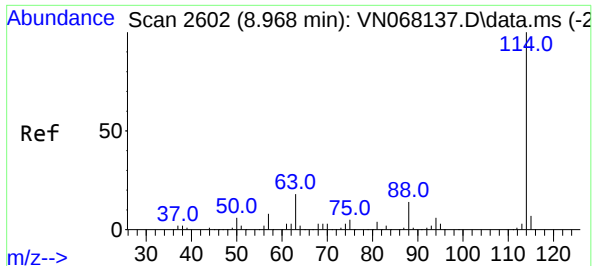
Tgt Ion:168 Resp: 446799  
Ion Ratio Lower Upper  
168 100  
99 50.0 62.9 94.3#



#33  
1,2-Dichloroethane-d4  
Concen: 53.629 ug/l  
RT: 8.432 min Scan# 2402  
Delta R.T. -0.008 min  
Lab File: VN068345.D  
Acq: 27 Aug 2021 15:30

Tgt Ion: 65 Resp: 255844  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 98.6

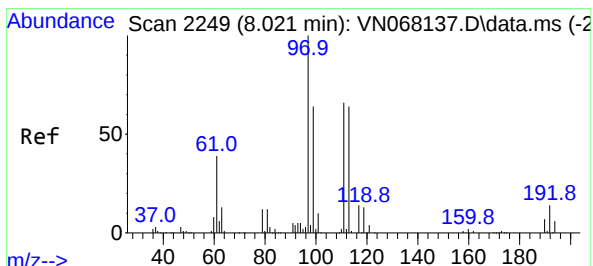
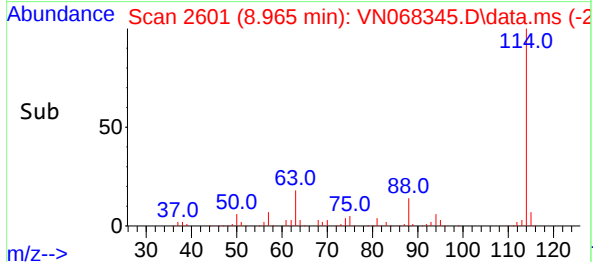
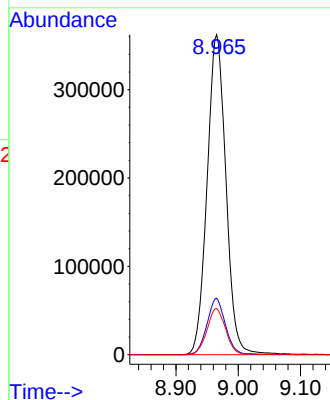
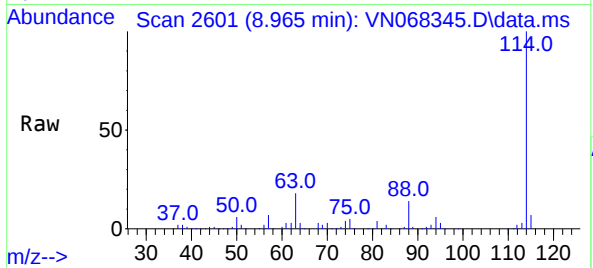




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.965 min Scan# 2601  
Delta R.T. -0.003 min  
Lab File: VN068345.D  
Acq: 27 Aug 2021 15:30

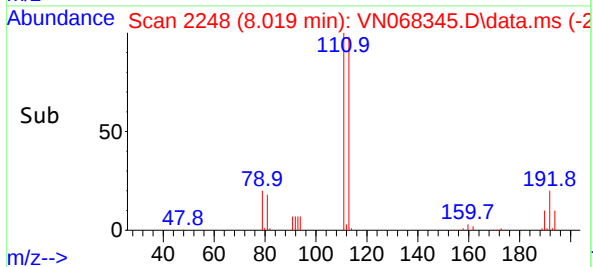
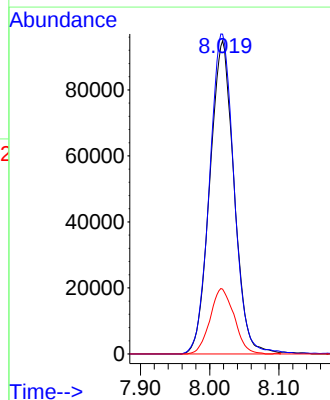
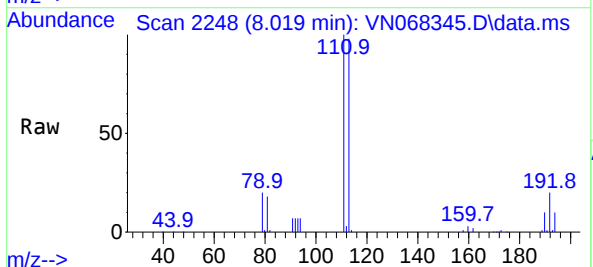
Instrument :  
MSVOA\_N  
ClientSampled :  
PE-1

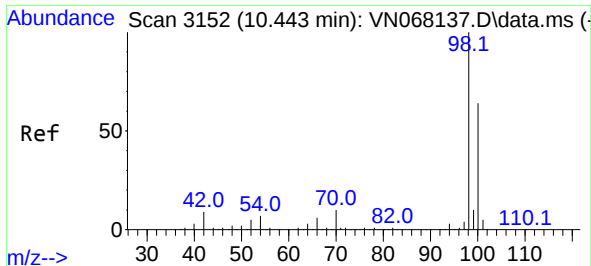
Tgt Ion:114 Resp: 761279  
Ion Ratio Lower Upper  
114 100  
63 17.7 0.0 49.0  
88 14.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.127 ug/l  
RT: 8.019 min Scan# 2248  
Delta R.T. -0.002 min  
Lab File: VN068345.D  
Acq: 27 Aug 2021 15:30

Tgt Ion:113 Resp: 230026  
Ion Ratio Lower Upper  
113 100  
111 103.3 83.8 125.8  
192 20.8 13.4 20.0#

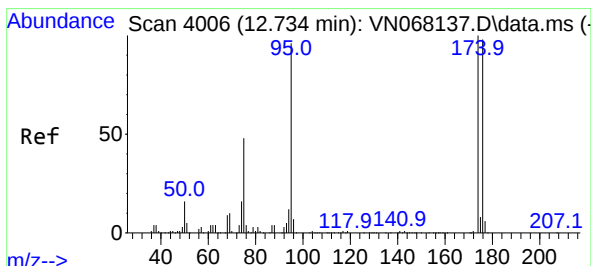
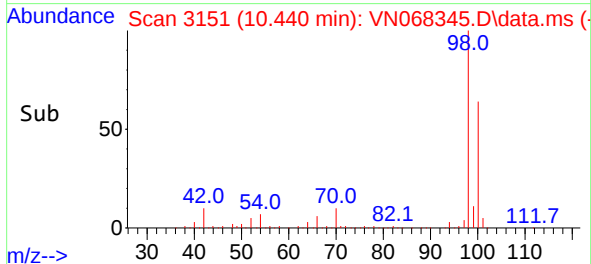
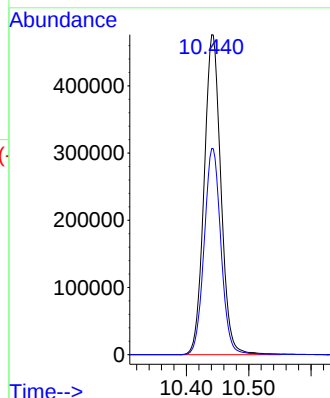
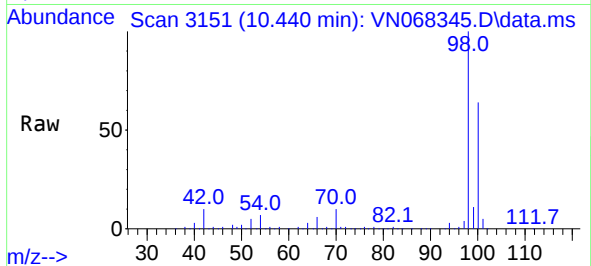




#50  
Toluene-d8  
Concen: 48.929 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. -0.003 min  
Lab File: VN068345.D  
Acq: 27 Aug 2021 15:30

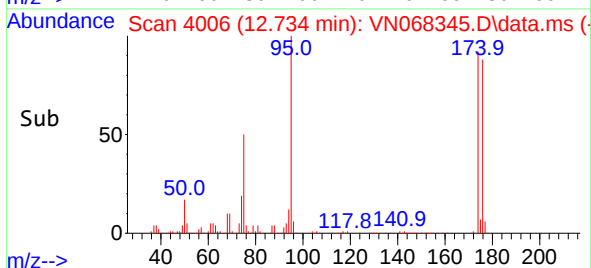
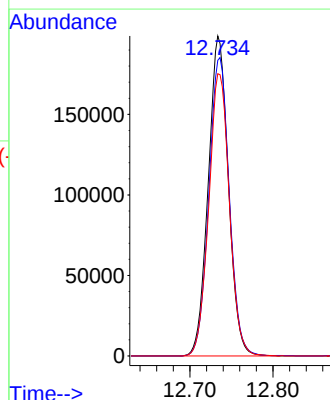
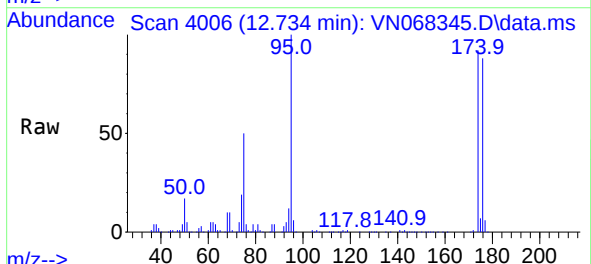
Instrument :  
MSVOA\_N  
ClientSampled :  
PE-1

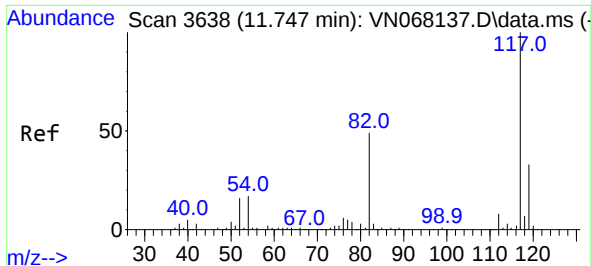
Tgt Ion: 98 Resp: 891080  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 55.077 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN068345.D  
Acq: 27 Aug 2021 15:30

Tgt Ion: 95 Resp: 333908  
Ion Ratio Lower Upper  
95 100  
174 95.1 0.0 122.0  
176 90.5 0.0 117.6

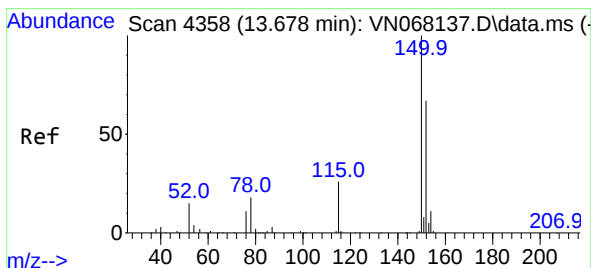
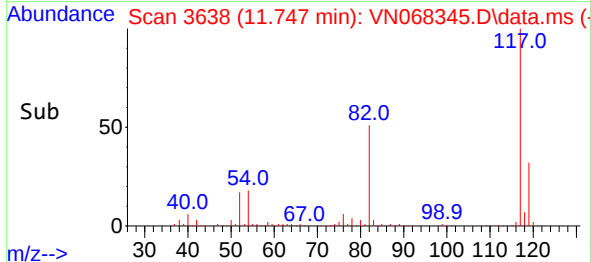
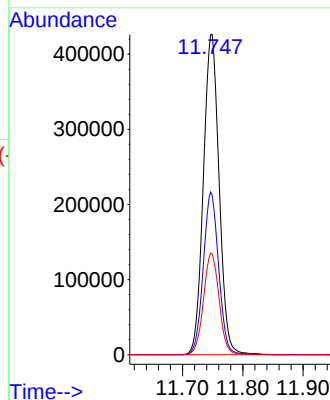
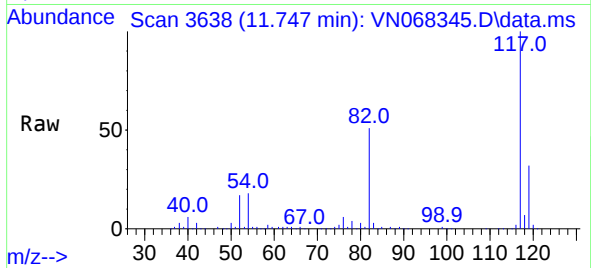




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN068345.D  
Acq: 27 Aug 2021 15:30

Instrument :  
MSVOA\_N  
ClientSampled :  
PE-1

Tgt Ion:117 Resp: 773281  
Ion Ratio Lower Upper  
117 100  
82 50.8 53.1 79.7#  
119 31.7 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.678 min Scan# 4358  
Delta R.T. -0.000 min  
Lab File: VN068345.D  
Acq: 27 Aug 2021 15:30

Tgt Ion:152 Resp: 404701  
Ion Ratio Lower Upper  
152 100  
115 55.0 36.1 108.5  
150 156.3 0.0 351.8

