

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN072621\  
 Data File : VN067904.D  
 Acq On : 26 Jul 2021 14:00  
 Operator : JC/MD  
 Sample : M3089-03  
 Misc : 4.76g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PAR-N2-D-BOTTOM-(4-11)

Quant Time: Jul 27 01:29:33 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      | 8.080  | 168  | 337711   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.965  | 114  | 645423   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.749 | 117  | 589881   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.678 | 152  | 242171   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.434  | 65    | 266928   | 52.299   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 104.600% |
| 35) Dibromofluoromethane    | 8.019  | 113   | 192162   | 49.279   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 98.560%  |
| 50) Toluene-d8              | 10.443 | 98    | 815320   | 49.951   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 99.900%  |
| 62) 4-Bromofluorobenzene    | 12.734 | 95    | 293009   | 50.817   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 101.640% |

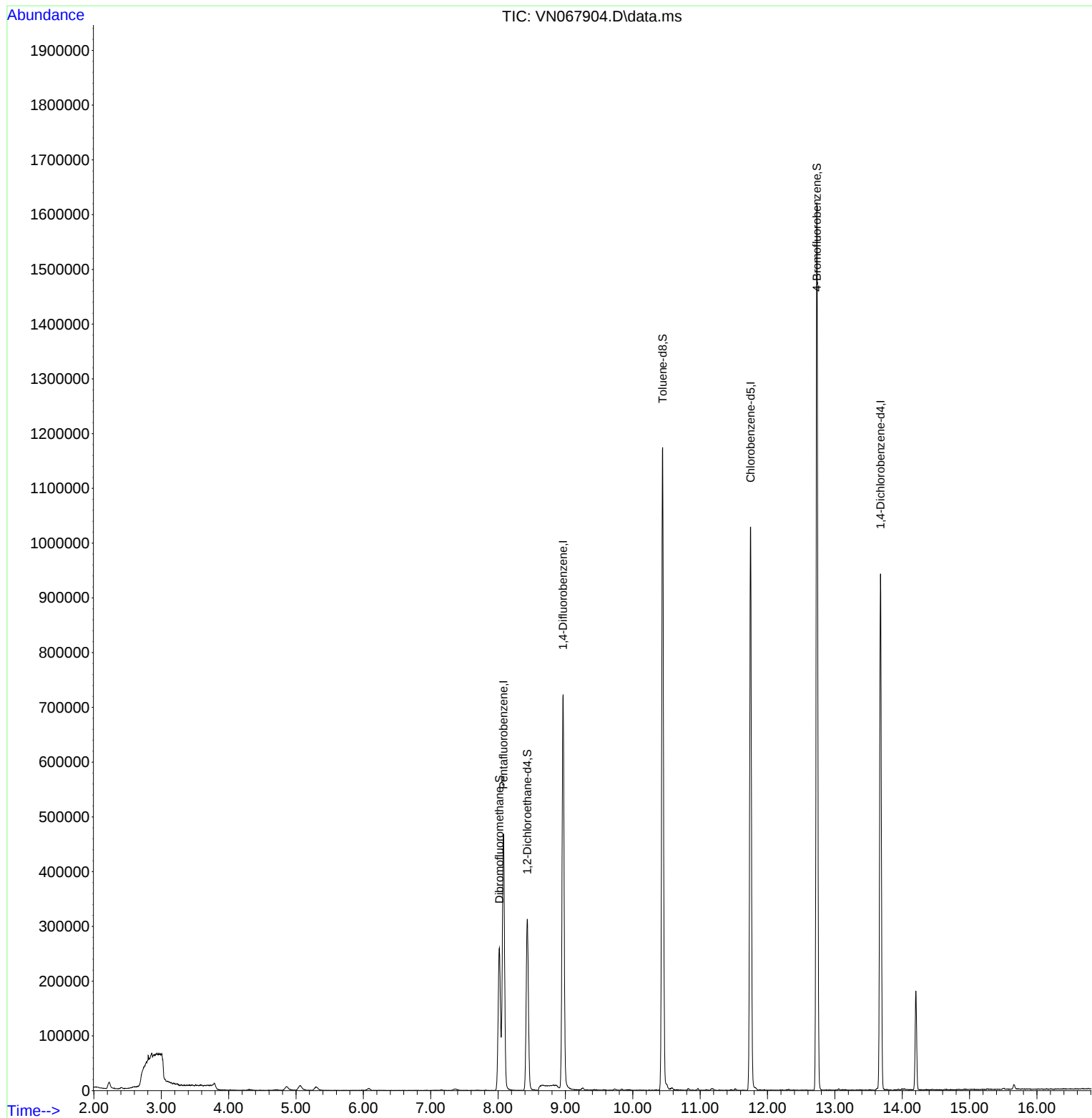
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

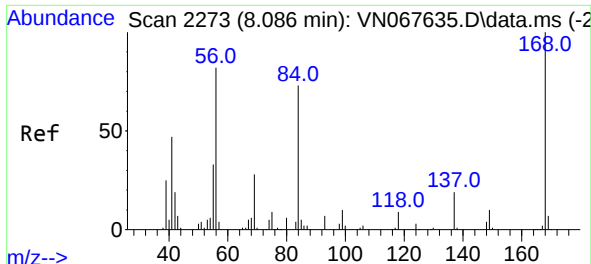
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PAR-N2-D-BOTTOM-(4-11)

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Quant Title : SW846 8260  
QLast Update : Wed Jul 07 16:18:53 2021  
Response via : Initial Calibration

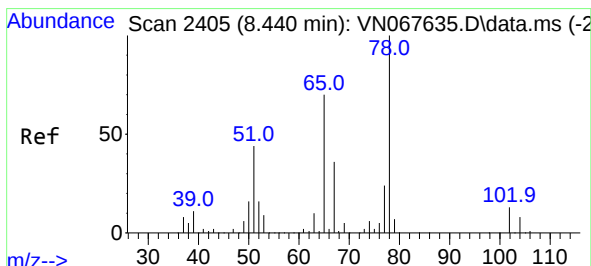
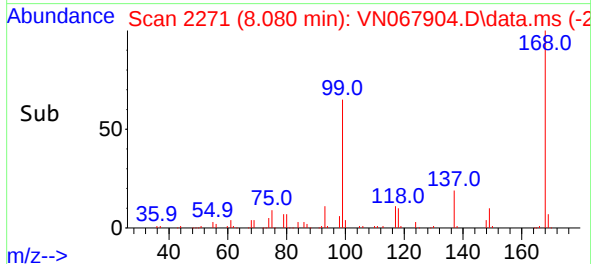
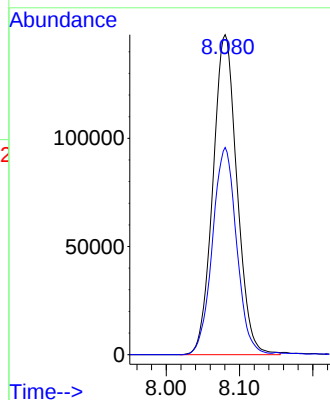
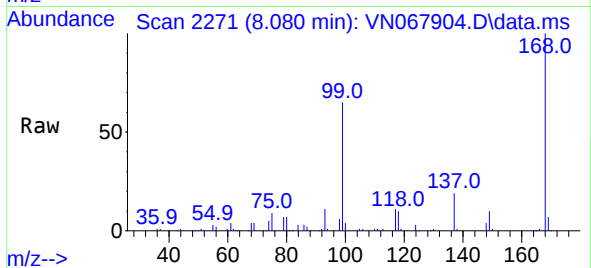




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.080 min Scan# 2271  
Delta R.T. -0.006 min  
Lab File: VN067904.D  
Acq: 26 Jul 2021 14:00

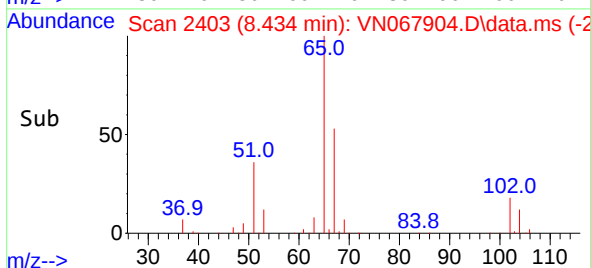
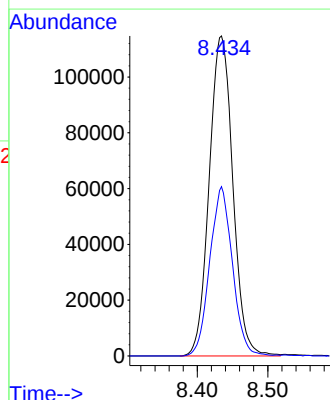
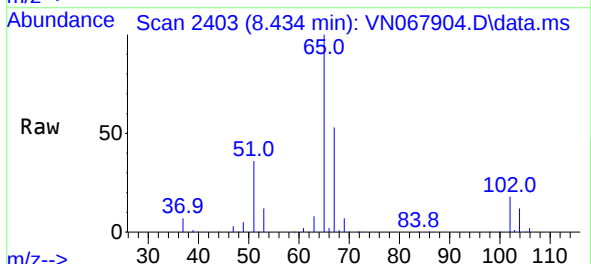
Instrument :  
MSVOA\_N  
ClientSampleId :  
PAR-N2-D-BOTTOM-(4-11)

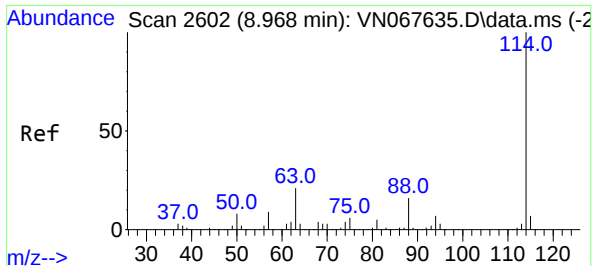
Tgt Ion:168 Resp: 337711  
Ion Ratio Lower Upper  
168 100  
99 64.7 62.9 94.3



#33  
1,2-Dichloroethane-d4  
Concen: 52.299 ug/l  
RT: 8.434 min Scan# 2403  
Delta R.T. -0.006 min  
Lab File: VN067904.D  
Acq: 26 Jul 2021 14:00

Tgt Ion: 65 Resp: 266928  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 98.6

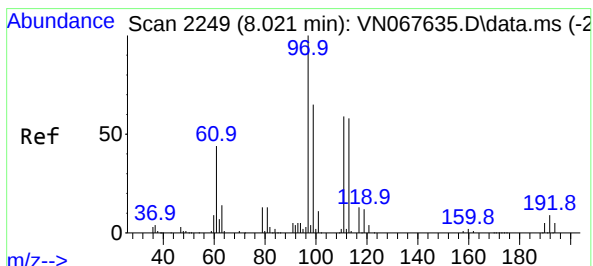
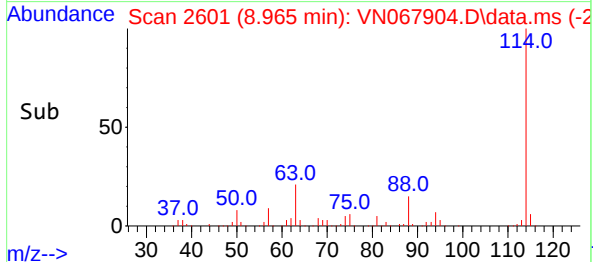
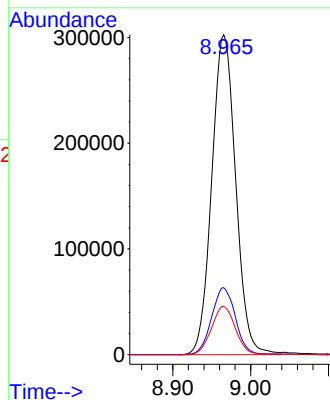
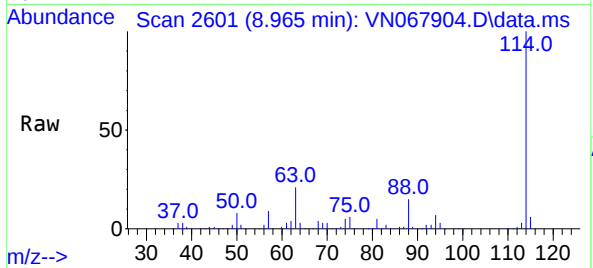




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.965 min Scan# 2601  
Delta R.T. -0.003 min  
Lab File: VN067904.D  
Acq: 26 Jul 2021 14:00

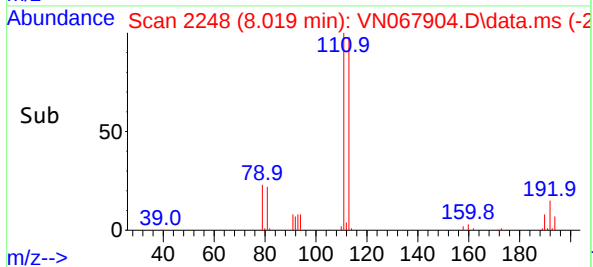
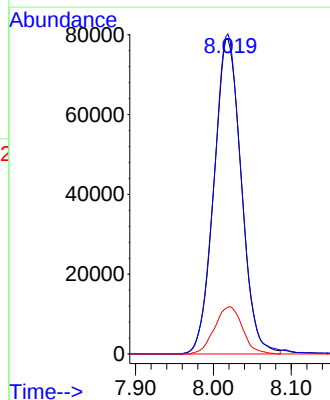
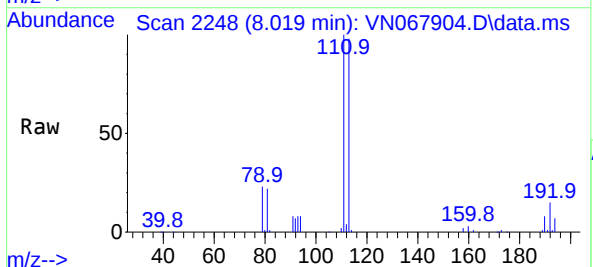
Instrument :  
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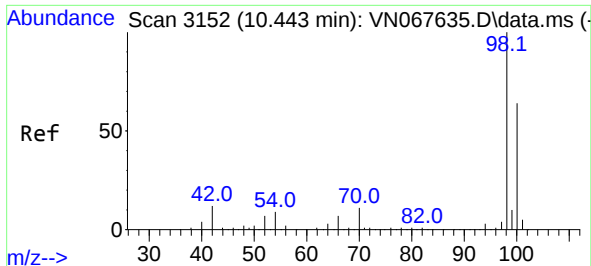
Tgt Ion:114 Resp: 645423  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 49.0  
88 15.1 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.279 ug/l  
RT: 8.019 min Scan# 2248  
Delta R.T. -0.002 min  
Lab File: VN067904.D  
Acq: 26 Jul 2021 14:00

Tgt Ion:113 Resp: 192162  
Ion Ratio Lower Upper  
113 100  
111 101.8 83.8 125.8  
192 15.3 13.4 20.0

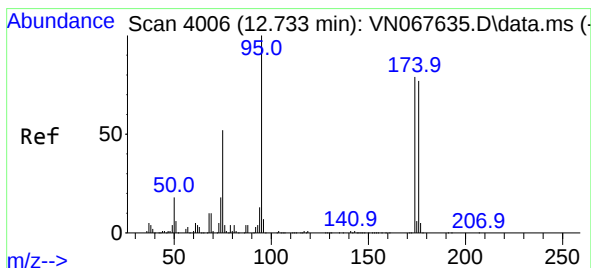
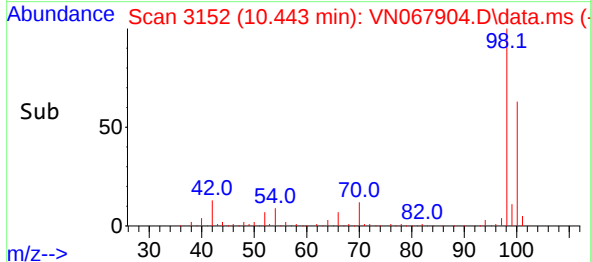
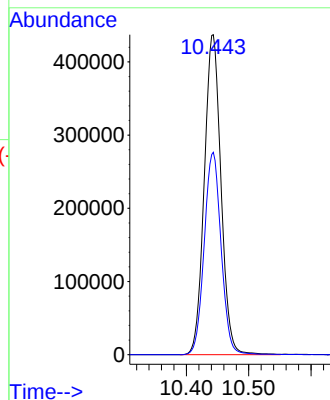
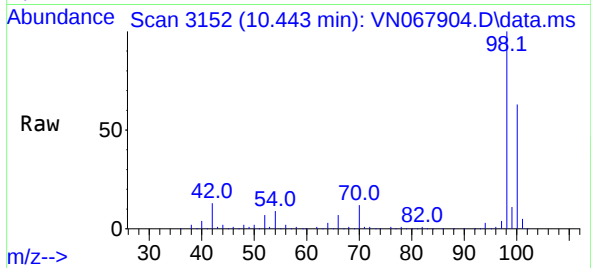




#50  
Toluene-d8  
Concen: 49.951 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067904.D  
Acq: 26 Jul 2021 14:00

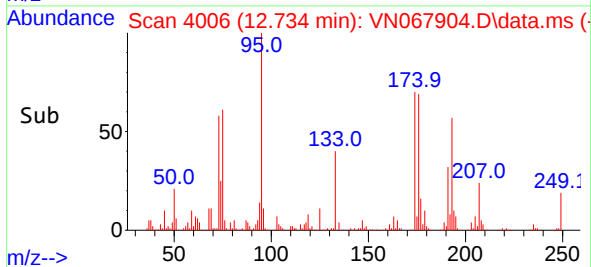
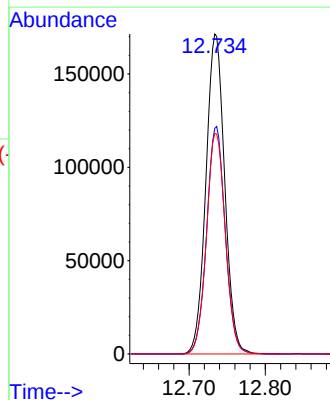
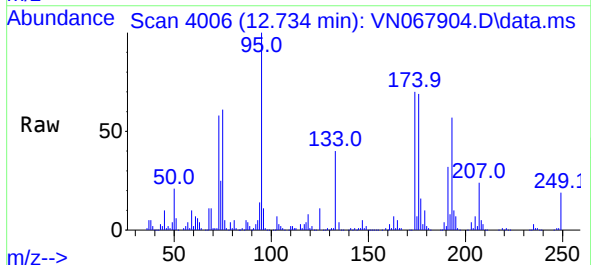
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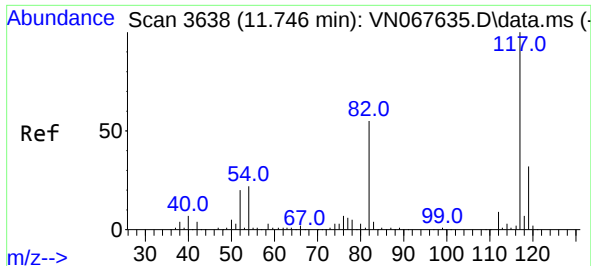
Tgt Ion: 98 Resp: 815320  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 50.817 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.001 min  
Lab File: VN067904.D  
Acq: 26 Jul 2021 14:00

Tgt Ion: 95 Resp: 293009  
Ion Ratio Lower Upper  
95 100  
174 70.3 0.0 122.0  
176 69.3 0.0 117.6

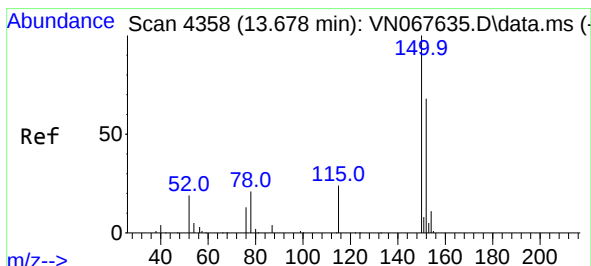
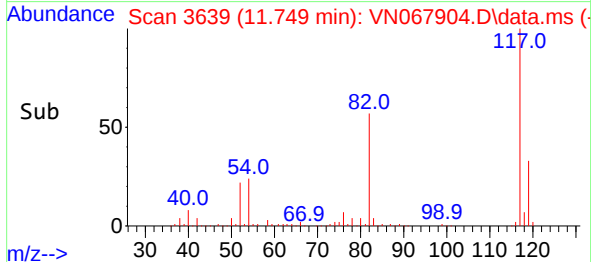
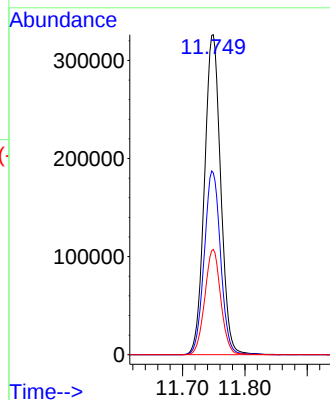
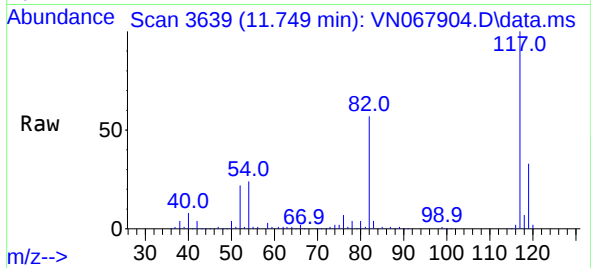




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.003 min  
Lab File: VN067904.D  
Acq: 26 Jul 2021 14:00

Instrument :  
MSVOA\_N  
ClientSampleId :  
PAR-N2-D-BOTTOM-(4-11)

Tgt Ion:117 Resp: 589881  
Ion Ratio Lower Upper  
117 100  
82 56.8 53.1 79.7  
119 32.9 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: VN067904.D  
Acq: 26 Jul 2021 14:00

Tgt Ion:152 Resp: 242171  
Ion Ratio Lower Upper  
152 100  
115 64.0 36.1 108.5  
150 157.1 0.0 351.8

