

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN081821\  
 Data File : VN068199.D  
 Acq On : 18 Aug 2021 17:39  
 Operator : JC/MD  
 Sample : M3435-37  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 2021-08-13-EB-04

Quant Time: Aug 19 03:07:45 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

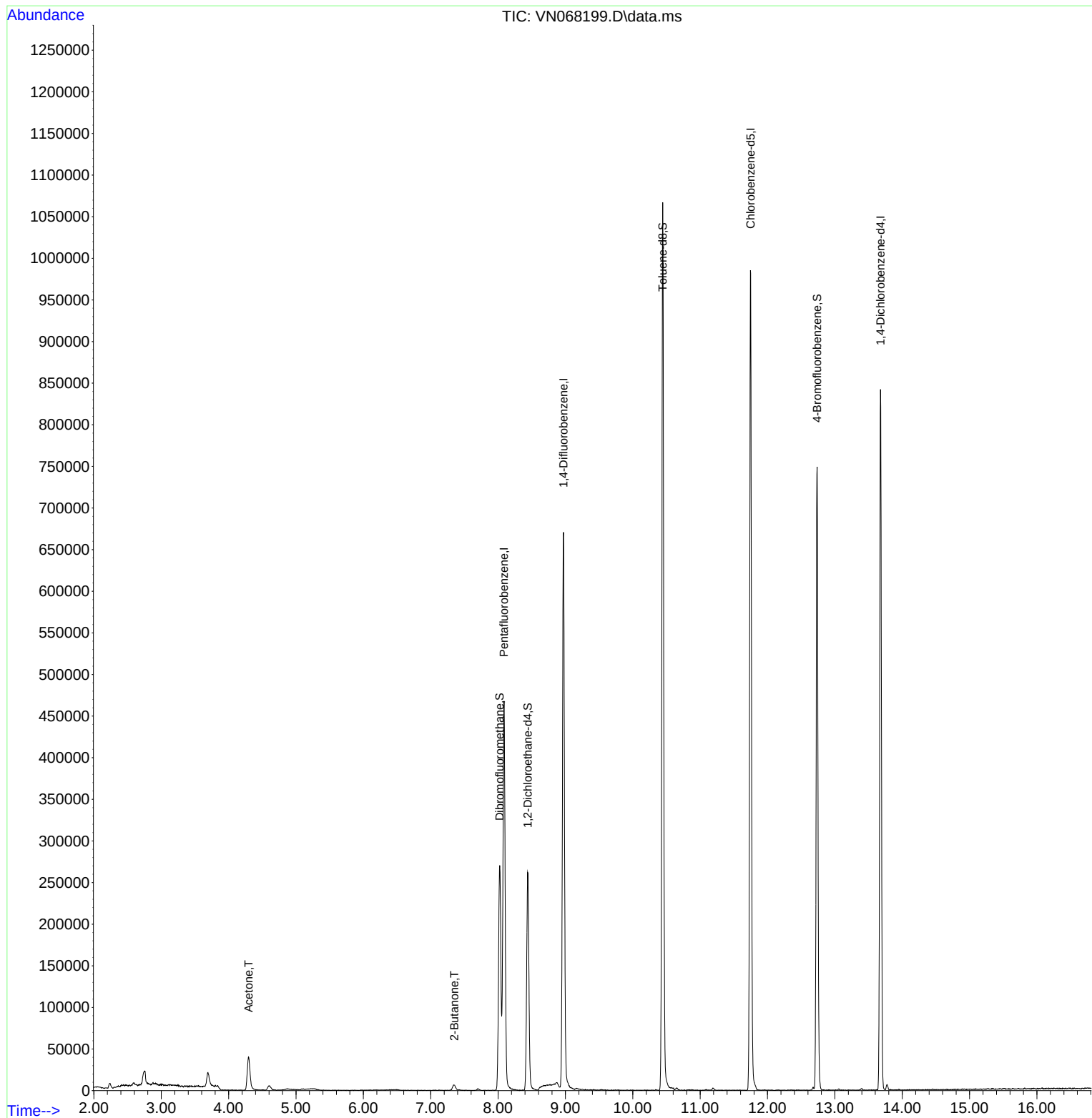
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 8.088     | 168   | 385846   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.971     | 114   | 638163   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.749    | 117   | 647619   | 50.000   | ug/l       | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4  | 13.678    | 152   | 247030   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 220591   | 53.544   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | = 107.080% |          |
| 35) Dibromofluoromethane    | 8.024     | 113   | 201467   | 50.284   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | = 100.560% |          |
| 50) Toluene-d8              | 10.443    | 98    | 783414   | 51.316   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | = 102.640% |          |
| 62) 4-Bromofluorobenzene    | 12.736    | 95    | 258948   | 50.953   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | = 101.900% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 4.296     | 43    | 74318    | 61.785   | ug/l       | 94       |
| 25) 2-Butanone              | 7.351     | 43    | 8911     | 4.754    | ug/l       | # 79     |
| -----                       |           |       |          |          |            |          |

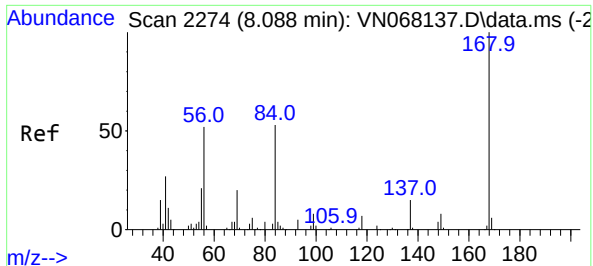
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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Response via : Initial Calibration

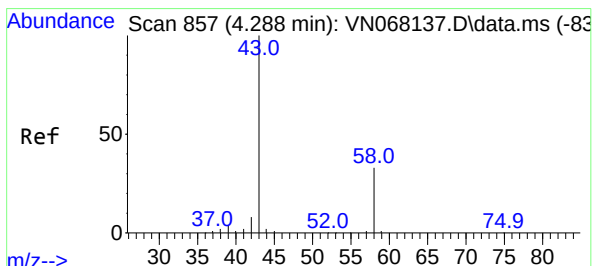
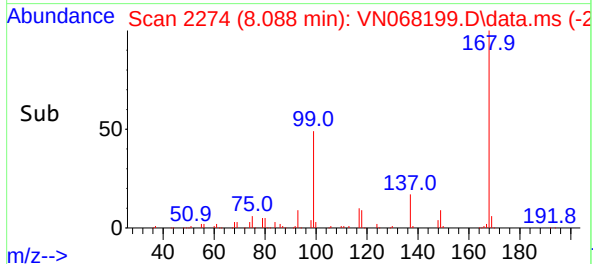
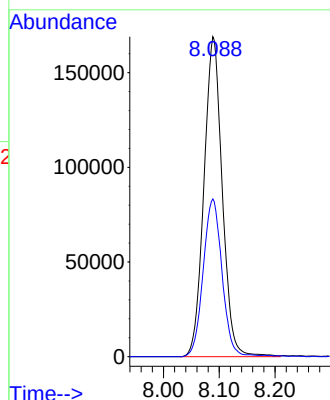
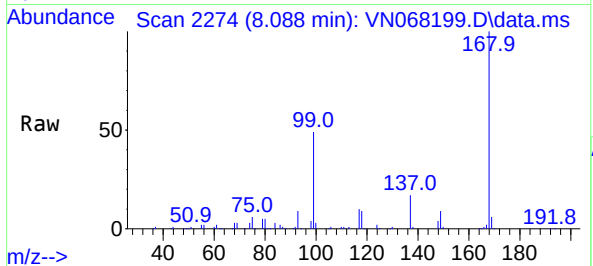




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 2274  
Delta R.T. 0.000 min  
Lab File: VN068199.D  
Acq: 18 Aug 2021 17:39

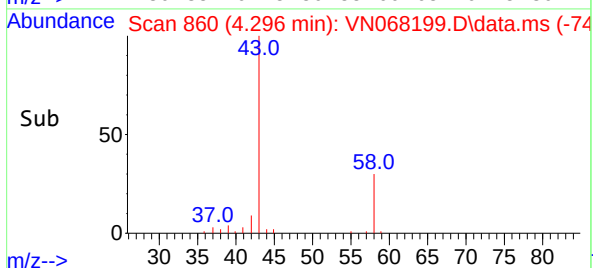
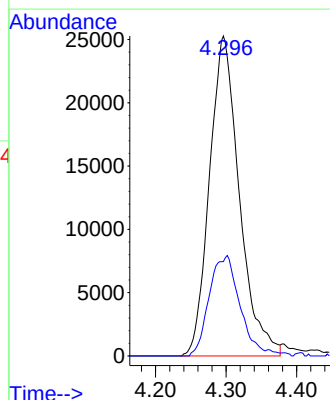
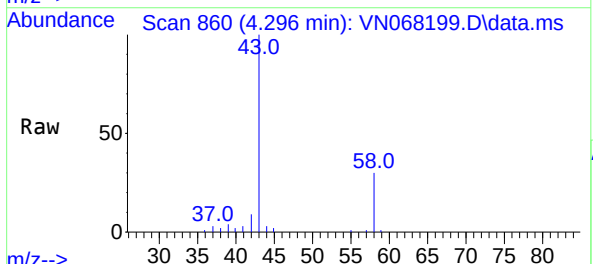
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MSVOA\_N  
ClientSampleId :  
2021-08-13-EB-04

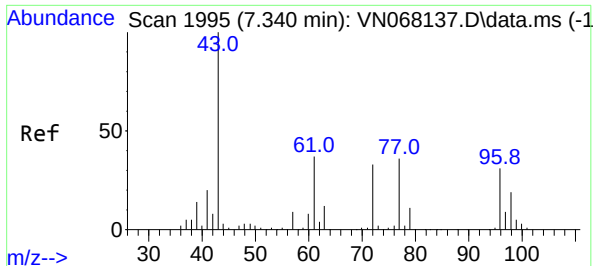
Tgt Ion:168 Resp: 385846  
Ion Ratio Lower Upper  
168 100  
99 49.3 62.9 94.3#



#16  
Acetone  
Concen: 61.785 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.008 min  
Lab File: VN068199.D  
Acq: 18 Aug 2021 17:39

Tgt Ion: 43 Resp: 74318  
Ion Ratio Lower Upper  
43 100  
58 29.5 21.2 31.8

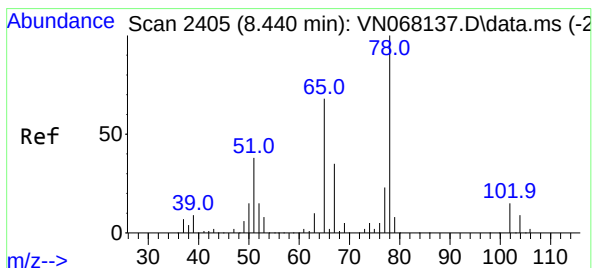
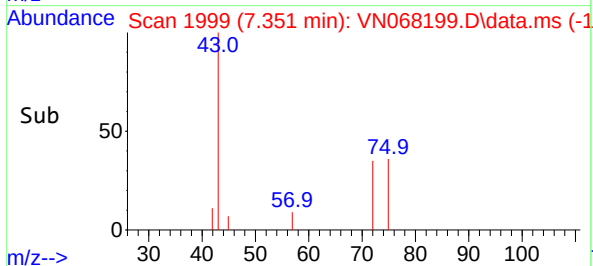
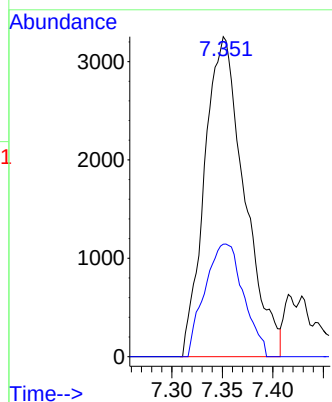
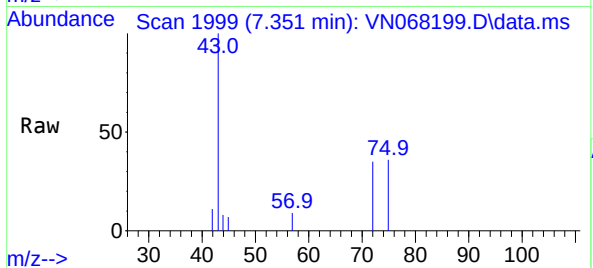




#25  
2-Butanone  
Concen: 4.754 ug/l  
RT: 7.351 min Scan# 1999  
Delta R.T. 0.011 min  
Lab File: VN068199.D  
Acq: 18 Aug 2021 17:39

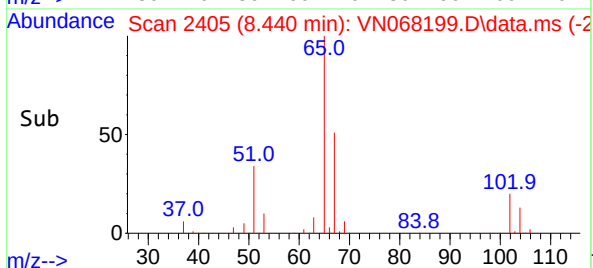
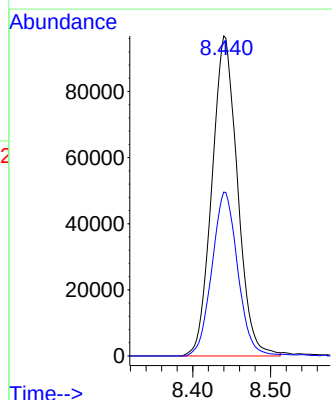
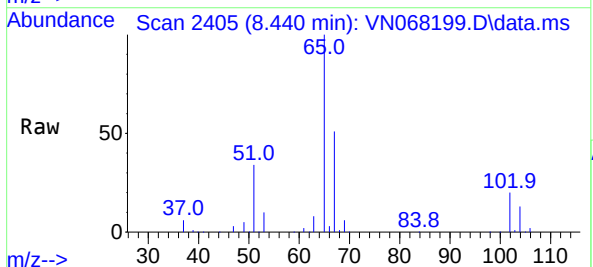
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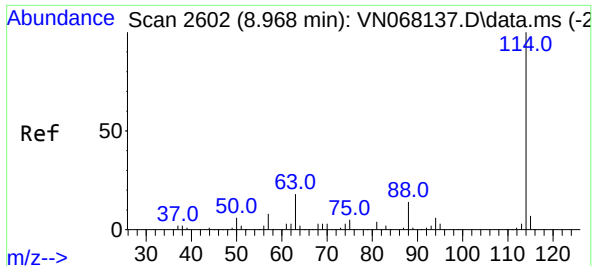
Tgt Ion: 43 Resp: 8911  
Ion Ratio Lower Upper  
43 100  
72 35.1 19.7 29.5#



#33  
1,2-Dichloroethane-d4  
Concen: 53.544 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN068199.D  
Acq: 18 Aug 2021 17:39

Tgt Ion: 65 Resp: 220591  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 98.6

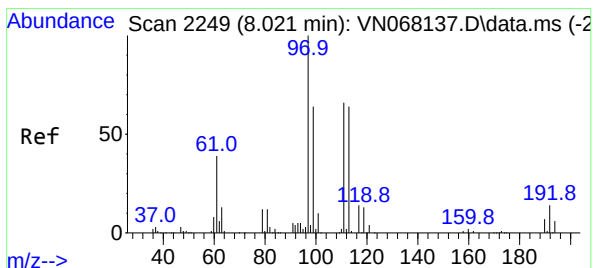
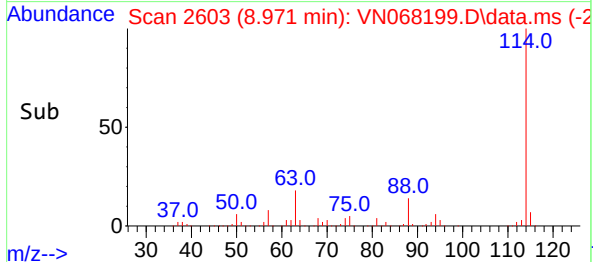
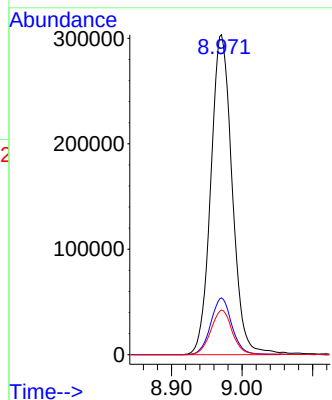
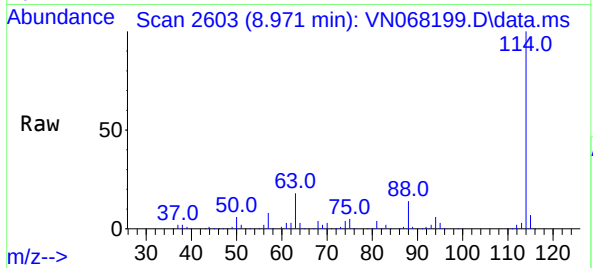




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN068199.D  
Acq: 18 Aug 2021 17:39

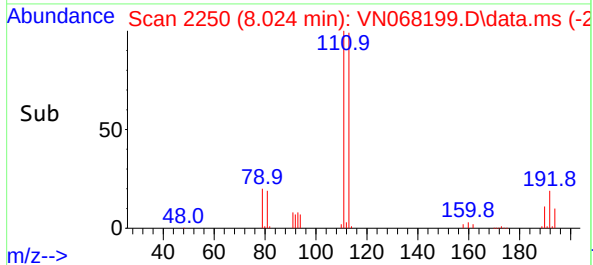
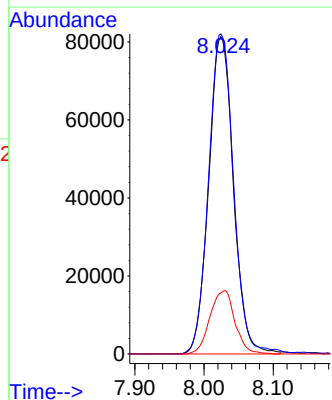
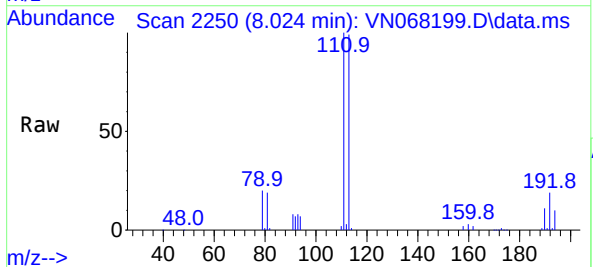
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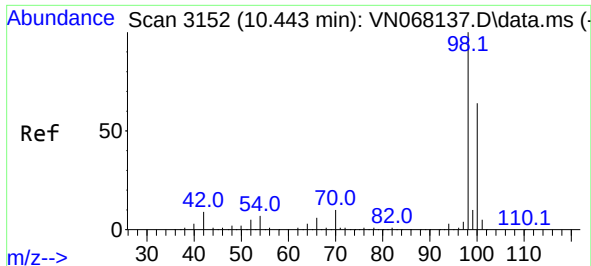
Tgt Ion:114 Resp: 638163  
Ion Ratio Lower Upper  
114 100  
63 17.8 0.0 49.0  
88 13.9 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 50.284 ug/l  
RT: 8.024 min Scan# 2250  
Delta R.T. 0.003 min  
Lab File: VN068199.D  
Acq: 18 Aug 2021 17:39

Tgt Ion:113 Resp: 201467  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.8 125.8  
192 20.2 13.4 20.0#

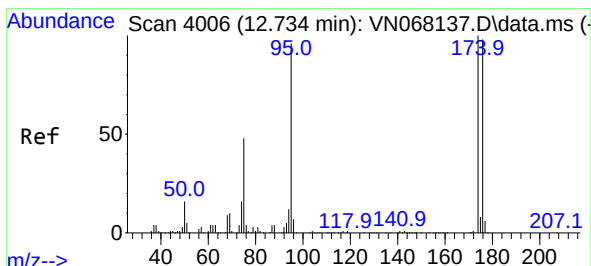
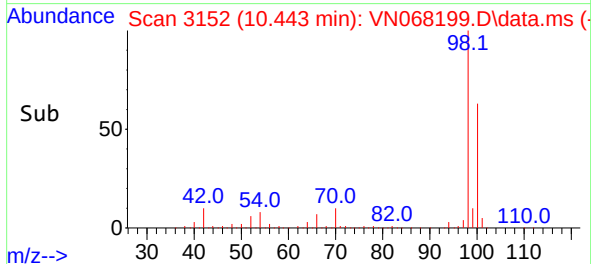
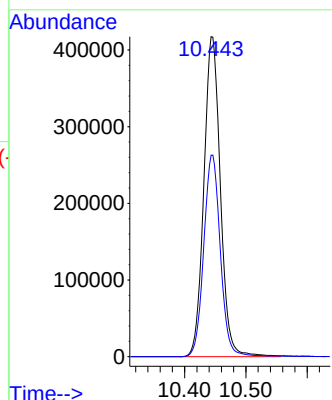
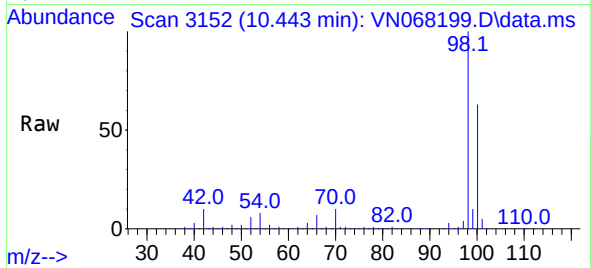




#50  
Toluene-d8  
Concen: 51.316 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN068199.D  
Acq: 18 Aug 2021 17:39

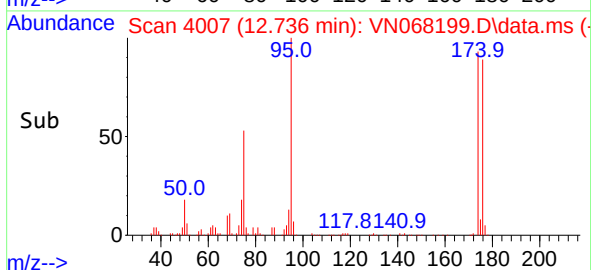
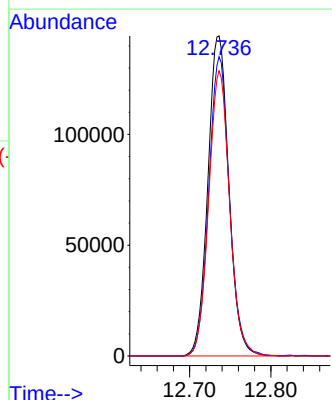
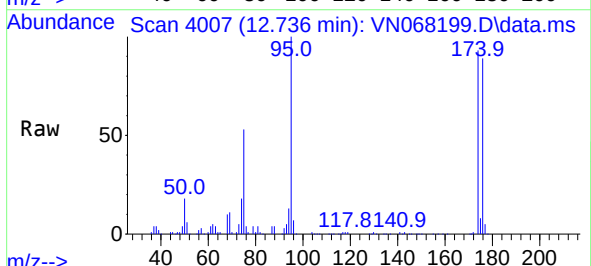
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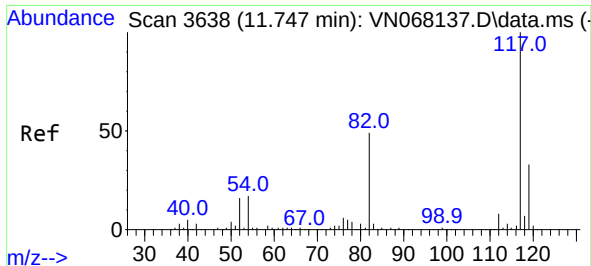
Tgt Ion: 98 Resp: 783414  
Ion Ratio Lower Upper  
98 100  
100 63.1 51.7 77.5



#62  
4-Bromofluorobenzene  
Concen: 50.953 ug/l  
RT: 12.736 min Scan# 4007  
Delta R.T. 0.002 min  
Lab File: VN068199.D  
Acq: 18 Aug 2021 17:39

Tgt Ion: 95 Resp: 258948  
Ion Ratio Lower Upper  
95 100  
174 92.6 0.0 122.0  
176 88.7 0.0 117.6

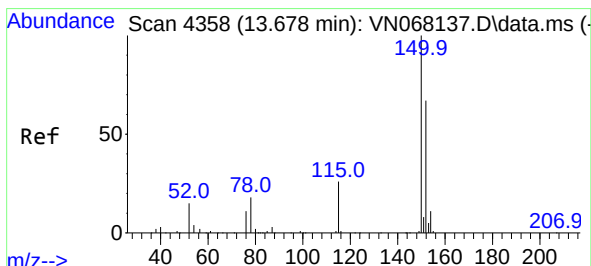
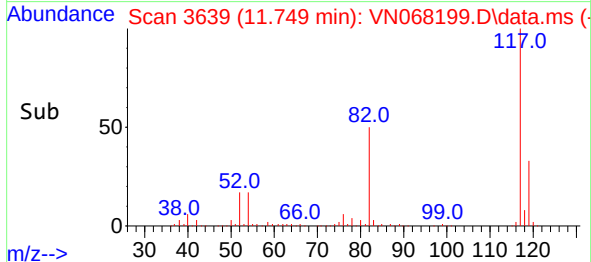
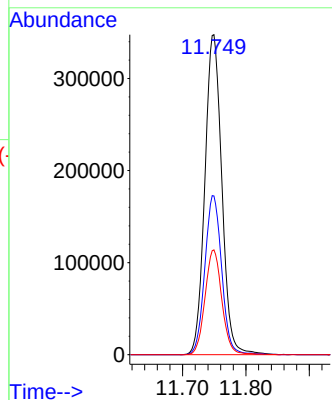
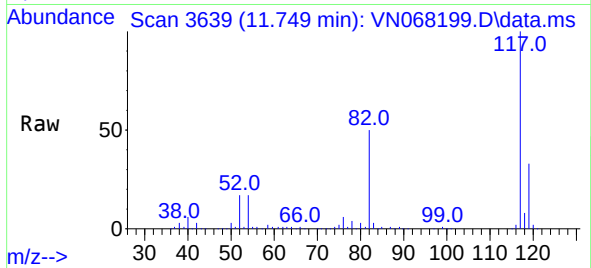




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.749 min Scan# 3639  
Delta R.T. 0.002 min  
Lab File: VN068199.D  
Acq: 18 Aug 2021 17:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
2021-08-13-EB-04

Tgt Ion:117 Resp: 647619  
Ion Ratio Lower Upper  
117 100  
82 49.6 53.1 79.7#  
119 32.7 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: VN068199.D  
Acq: 18 Aug 2021 17:39

Tgt Ion:152 Resp: 247030  
Ion Ratio Lower Upper  
152 100  
115 56.4 36.1 108.5  
150 159.9 0.0 351.8

