

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111921\  
 Data File : VN069590.D  
 Acq On : 19 Nov 2021 17:22  
 Operator : JC/MD  
 Sample : M4768-04  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VO-TRIP

Quant Time: Nov 22 05:08:31 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N110921W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 09 18:18:22 2021  
 Response via : Initial Calibration

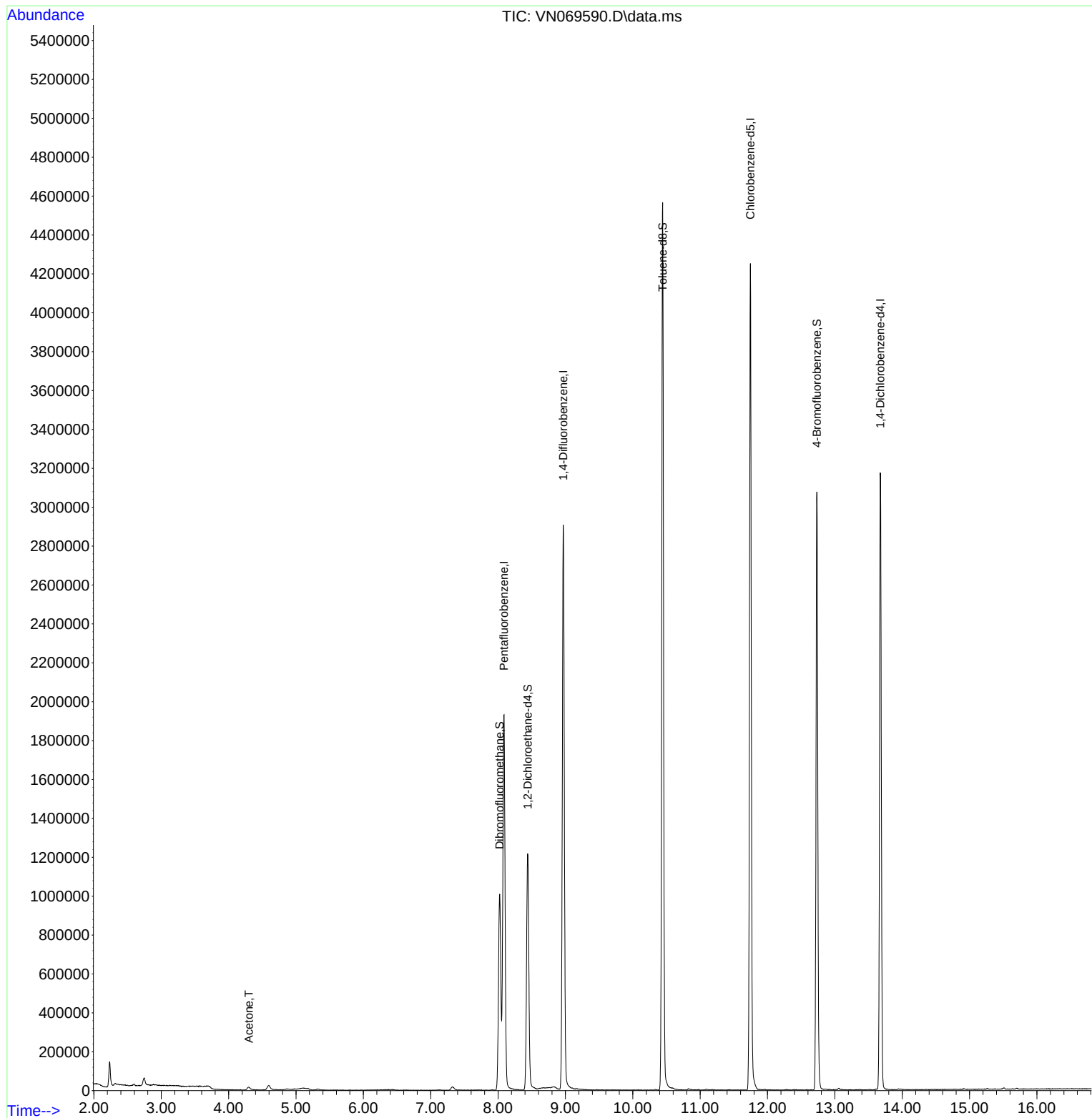
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|-----------|-------|----------|----------|-------|-------------|
| -----                       |           |       |          |          |       |             |
| Internal Standards          |           |       |          |          |       |             |
| 1) Pentafluorobenzene       | 8.088     | 168   | 1446563  | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.968     | 114   | 2495116  | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.747    | 117   | 2416008  | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.675    | 152   | 859392   | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |           |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.440     | 65    | 1066040  | 50.826   | ug/l  | 0.00        |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 101.660%    |
| 35) Dibromofluoromethane    | 8.024     | 113   | 735970   | 49.181   | ug/l  | 0.00        |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 98.360%     |
| 50) Toluene-d8              | 10.443    | 98    | 3120793  | 53.025   | ug/l  | 0.00        |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 106.040%    |
| 62) 4-Bromofluorobenzene    | 12.733    | 95    | 1064193  | 49.219   | ug/l  | 0.00        |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 98.440%     |
| Target Compounds            |           |       |          |          |       |             |
| 16) Acetone                 | 4.299     | 43    | 24505    | 2.165    | ug/l  | Qvalue # 89 |
| -----                       |           |       |          |          |       |             |

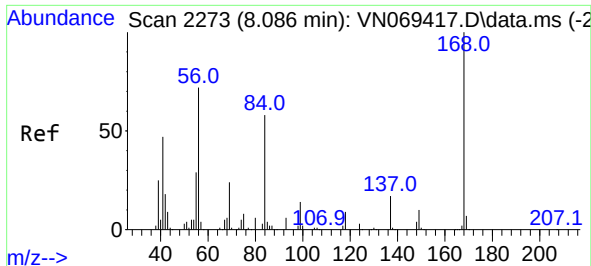
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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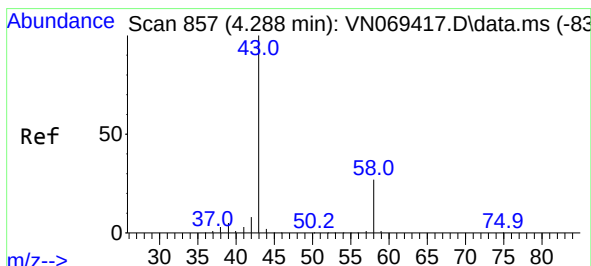
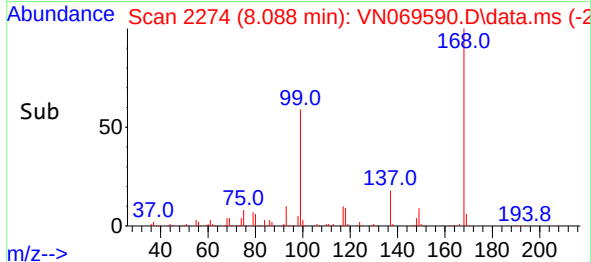
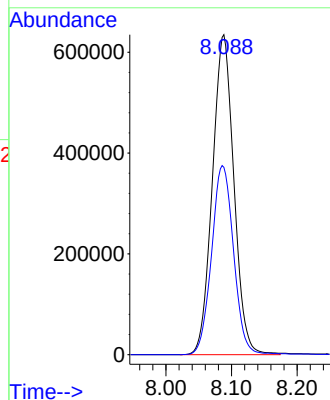
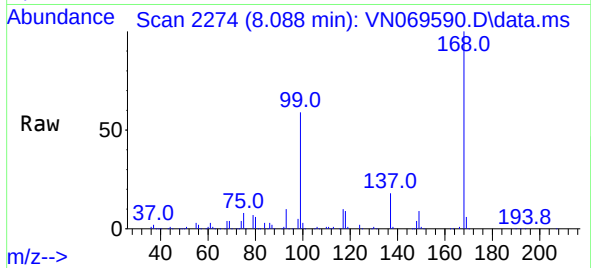




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.088 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: VN069590.D  
Acq: 19 Nov 2021 17:22

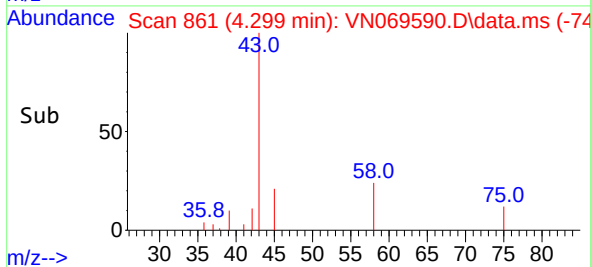
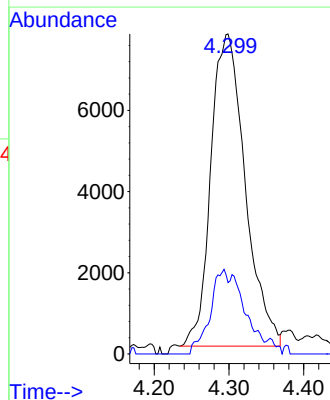
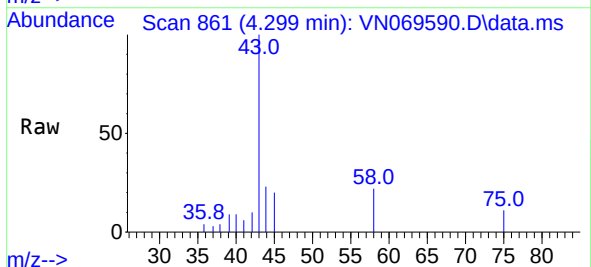
Instrument :  
MSVOA\_N  
ClientSampleId :  
VO-TRIP

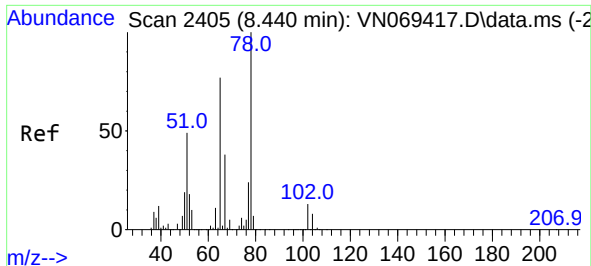
Tgt Ion:168 Resp: 1446563  
Ion Ratio Lower Upper  
168 100  
99 58.6 41.3 61.9



#16  
Acetone  
Concen: 2.165 ug/l  
RT: 4.299 min Scan# 861  
Delta R.T. 0.011 min  
Lab File: VN069590.D  
Acq: 19 Nov 2021 17:22

Tgt Ion: 43 Resp: 24505  
Ion Ratio Lower Upper  
43 100  
58 22.9 23.1 34.7#





#33

1,2-Dichloroethane-d4

Concen: 50.826 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069590.D

Acq: 19 Nov 2021 17:22

Instrument :

MSVOA\_N

ClientSampleId :

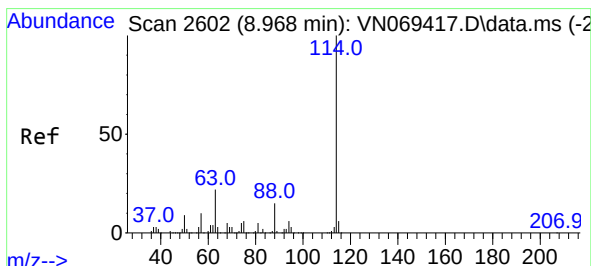
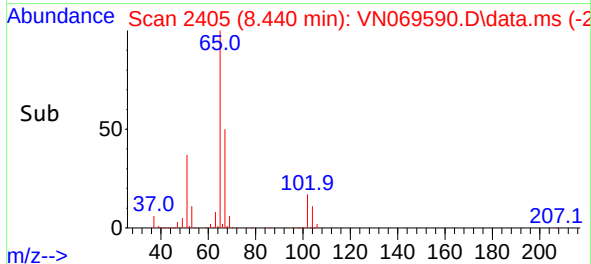
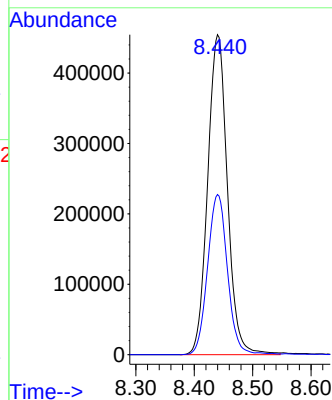
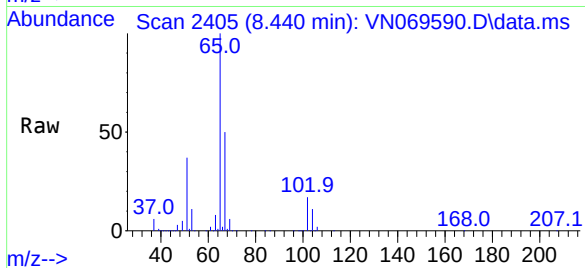
VO-TRIP

Tgt Ion: 65 Resp: 1066040

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069590.D

Acq: 19 Nov 2021 17:22

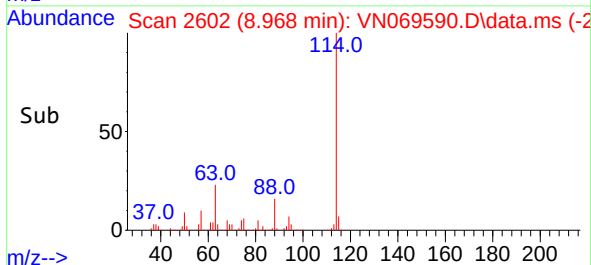
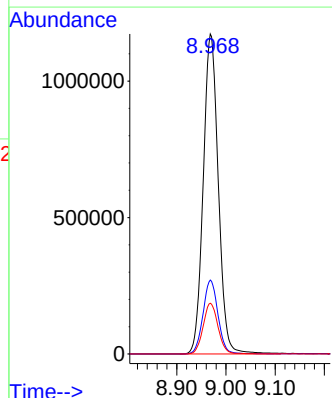
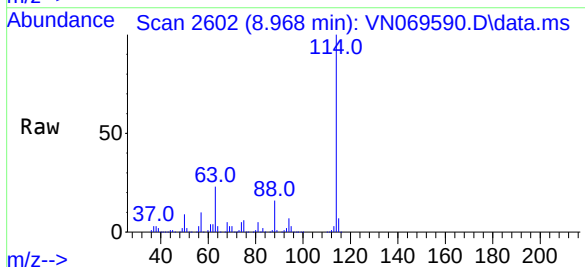
Tgt Ion: 114 Resp: 2495116

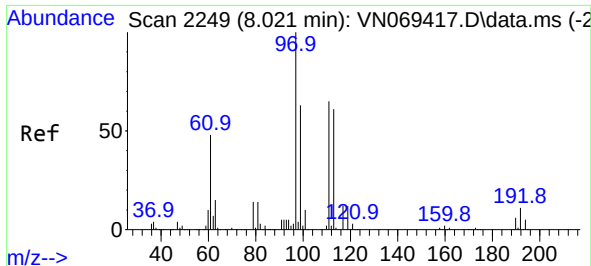
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 15.9 0.0 27.4

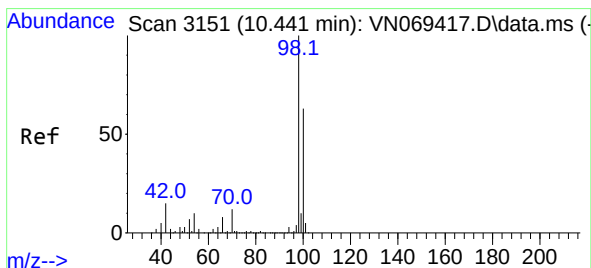
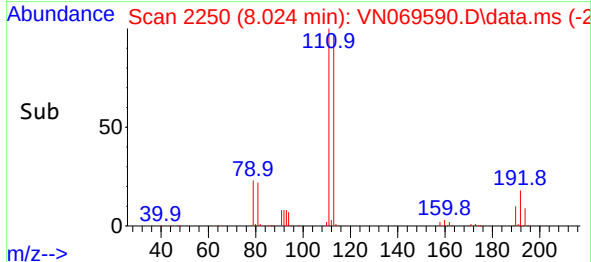
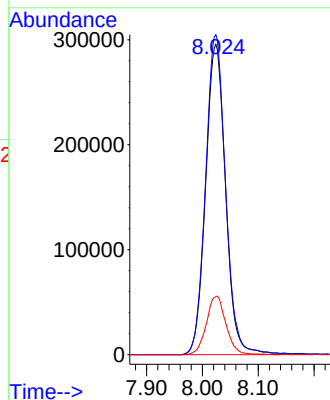
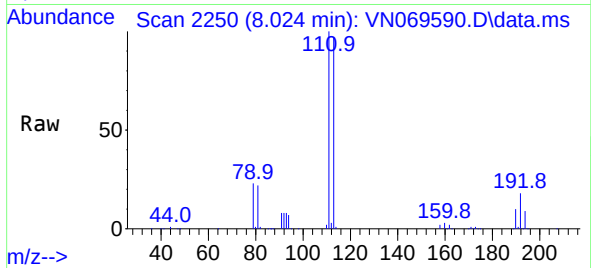




#35  
Dibromofluoromethane  
Concen: 49.181 ug/l  
RT: 8.024 min Scan# 211  
Delta R.T. 0.003 min  
Lab File: VN069590.D  
Acq: 19 Nov 2021 17:22

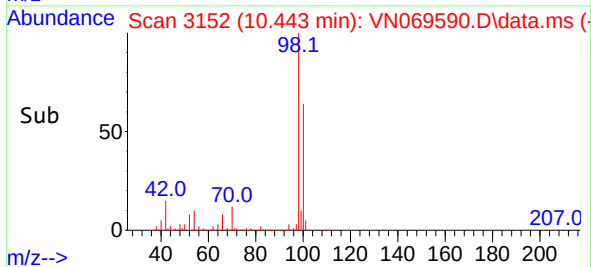
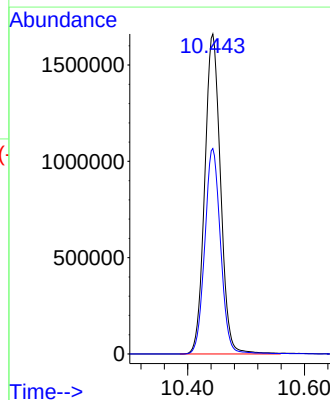
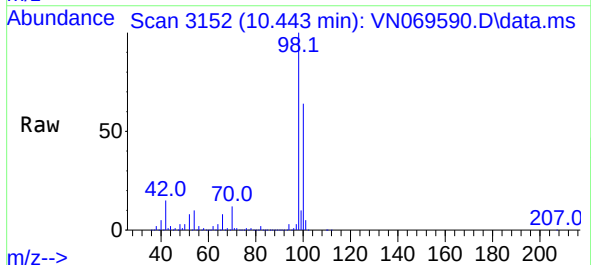
Instrument :  
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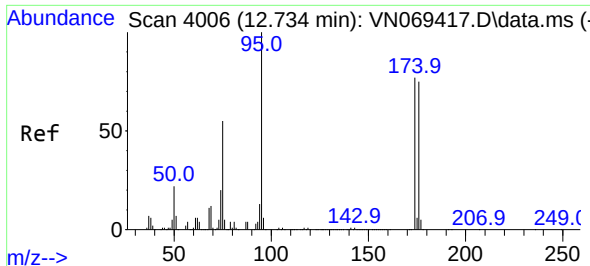
Tgt Ion:113 Resp: 735970  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.2 123.2  
192 18.5 16.9 25.3



#50  
Toluene-d8  
Concen: 53.025 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.002 min  
Lab File: VN069590.D  
Acq: 19 Nov 2021 17:22

Tgt Ion: 98 Resp: 3120793  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.4 75.6

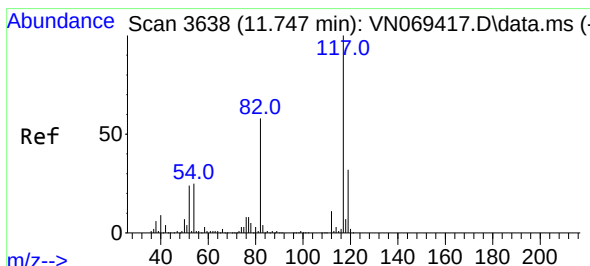
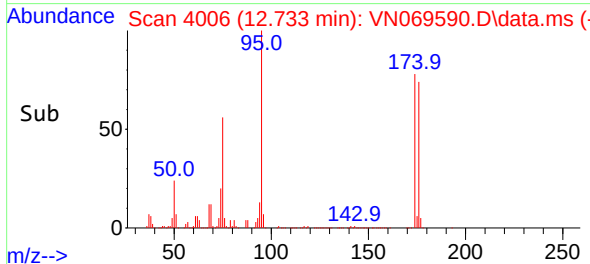
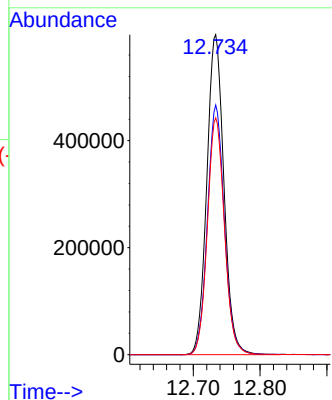
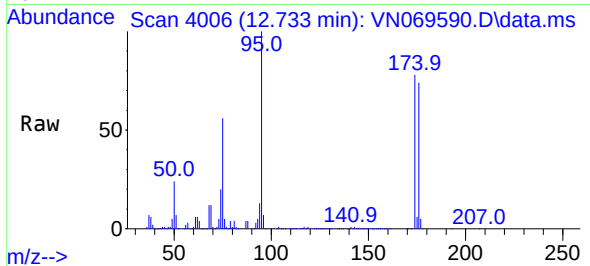




#62  
4-Bromofluorobenzene  
Concen: 49.219 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.001 min  
Lab File: VN069590.D  
Acq: 19 Nov 2021 17:22

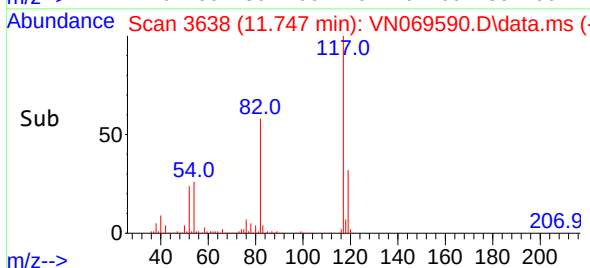
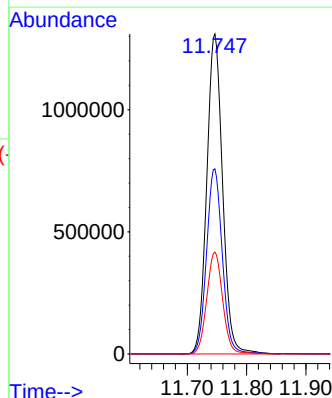
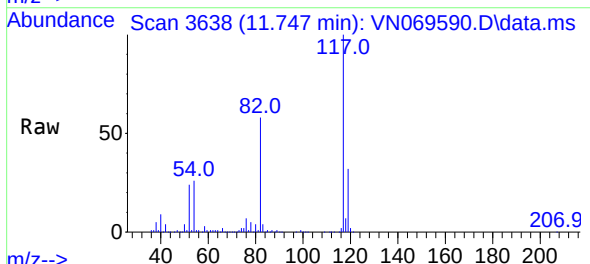
Instrument :  
MSVOA\_N  
ClientSampleId :  
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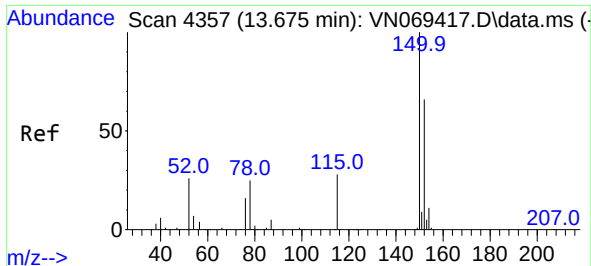
Tgt Ion: 95 Resp: 1064193  
Ion Ratio Lower Upper  
95 100  
174 77.4 0.0 187.2  
176 73.8 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN069590.D  
Acq: 19 Nov 2021 17:22

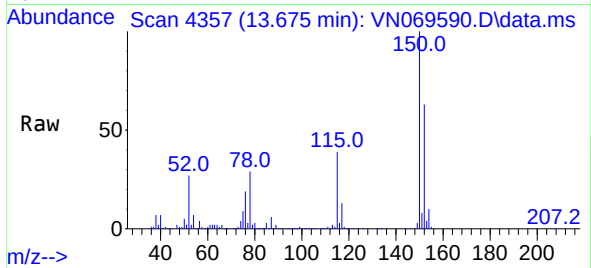
Tgt Ion:117 Resp: 2416008  
Ion Ratio Lower Upper  
117 100  
82 57.8 42.4 63.6  
119 31.8 25.4 38.2





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN069590.D  
Acq: 19 Nov 2021 17:22

Instrument :  
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Tgt Ion:152 Resp: 859392  
Ion Ratio Lower Upper  
152 100  
115 60.7 27.5 82.5  
150 157.4 0.0 344.4

