

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111621\  
 Data File : VN069512.D  
 Acq On : 16 Nov 2021 16:50  
 Operator : JC/MD  
 Sample : M4641-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SY-3D-20211110

Quant Time: Nov 17 01:53:18 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

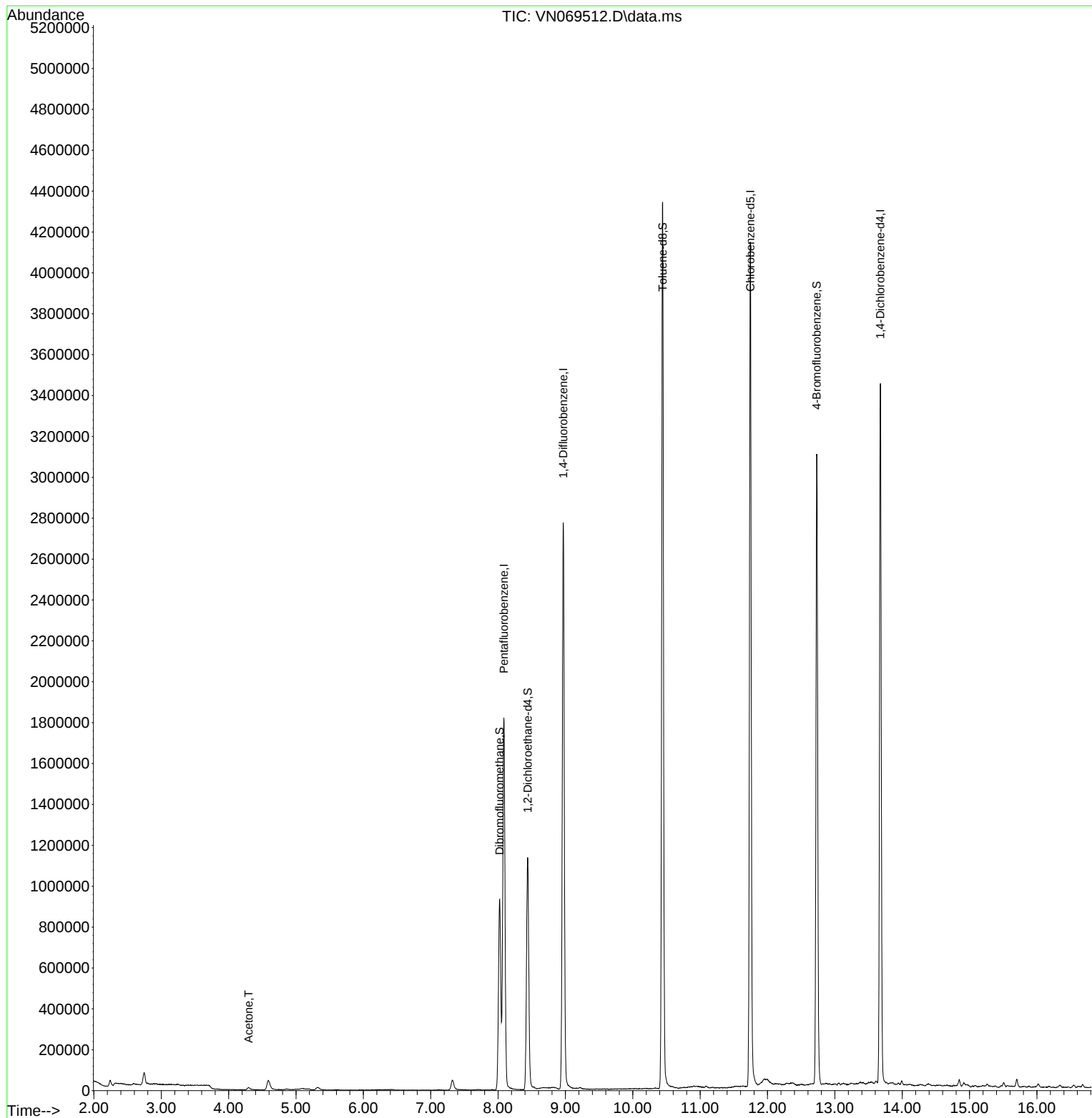
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 8.086  | 168   | 1350540  | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968  | 114   | 2367449  | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.747 | 117   | 2334193  | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675 | 152   | 891890   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.440  | 65    | 977716   | 49.929   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 99.860%  |
| 35) Dibromofluoromethane    | 8.021  | 113   | 673843   | 47.457   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 94.920%  |
| 50) Toluene-d8              | 10.443 | 98    | 3003771  | 53.788   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 107.580% |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 1066498  | 51.986   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 103.980% |
| Target Compounds            |        |       |          |          |       |          |
| 16) Acetone                 | 4.296  | 43    | 16730    | 1.583    | ug/l  | 95       |
| -----                       |        |       |          |          |       |          |

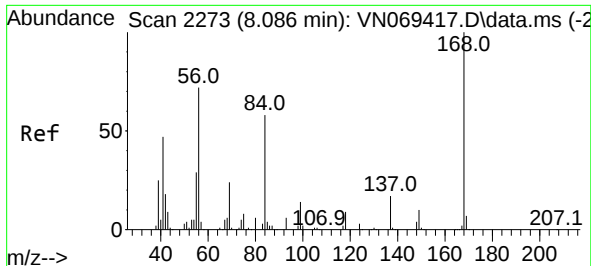
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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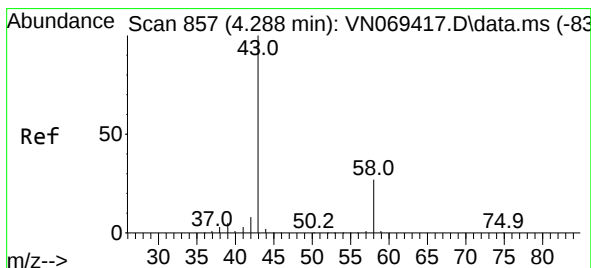
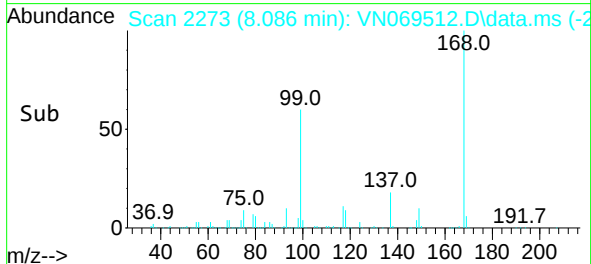
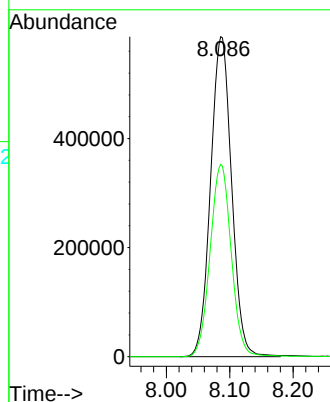
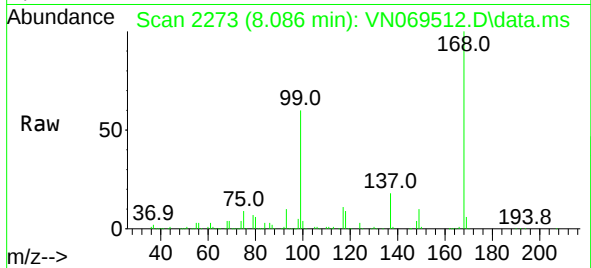




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN069512.D  
Acq: 16 Nov 2021 16:50

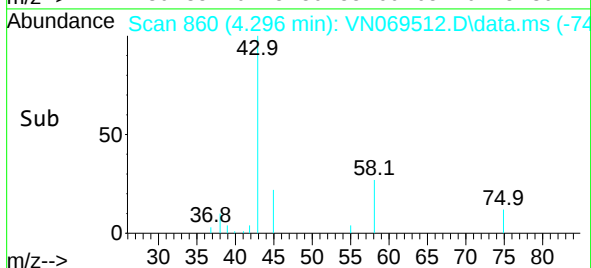
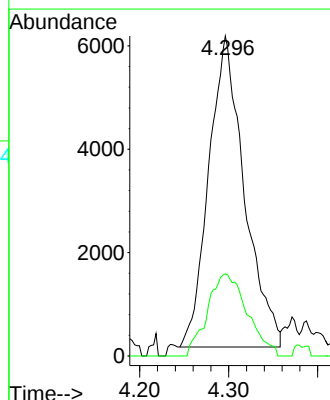
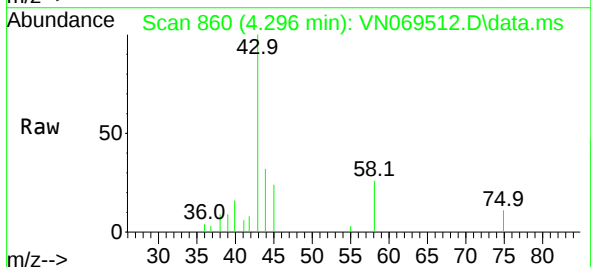
Instrument :  
MSVOA\_N  
ClientSampleId :  
SY-3D-20211110

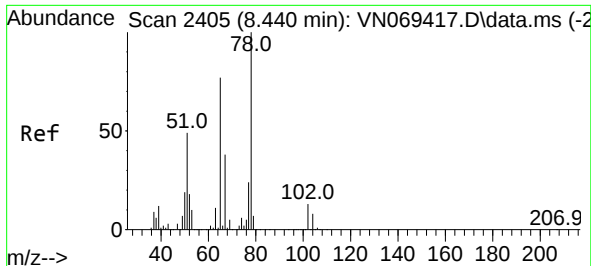
Tgt Ion:168 Resp: 1350540  
Ion Ratio Lower Upper  
168 100  
99 60.1 41.3 61.9



#16  
Acetone  
Concen: 1.583 ug/l  
RT: 4.296 min Scan# 860  
Delta R.T. 0.008 min  
Lab File: VN069512.D  
Acq: 16 Nov 2021 16:50

Tgt Ion: 43 Resp: 16730  
Ion Ratio Lower Upper  
43 100  
58 26.4 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 49.929 ug/l

RT: 8.440 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN069512.D

Acq: 16 Nov 2021 16:50

Instrument :

MSVOA\_N

ClientSampleId :

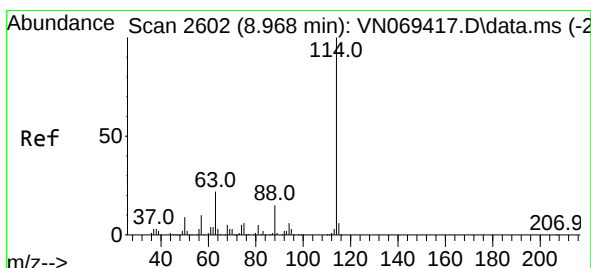
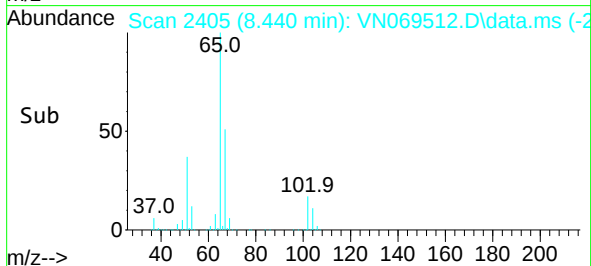
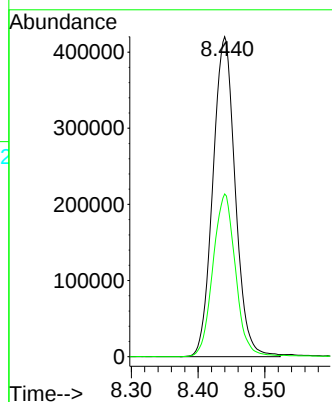
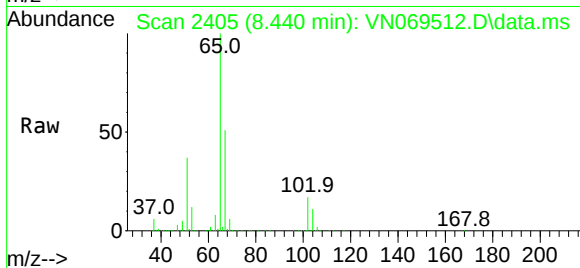
SY-3D-20211110

Tgt Ion: 65 Resp: 977716

Ion Ratio Lower Upper

65 100

67 51.3 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: VN069512.D

Acq: 16 Nov 2021 16:50

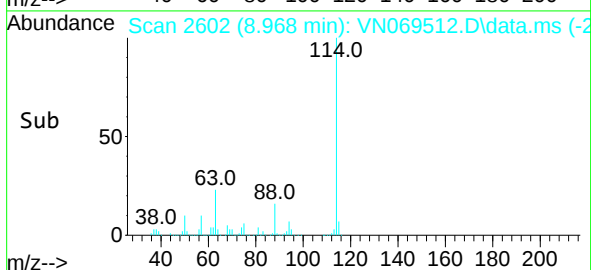
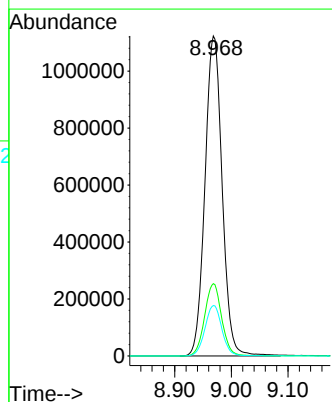
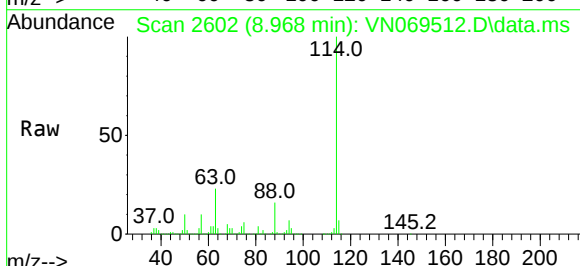
Tgt Ion: 114 Resp: 2367449

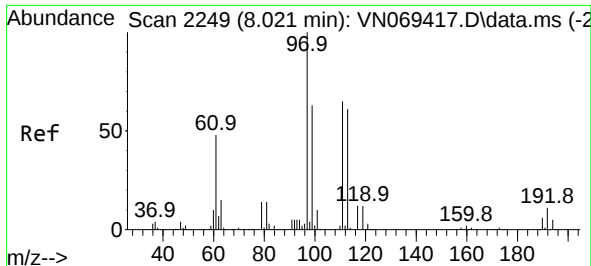
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 15.8 0.0 27.4

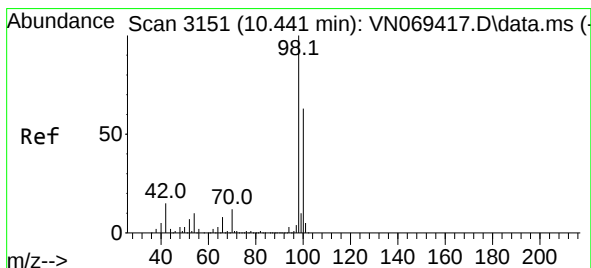
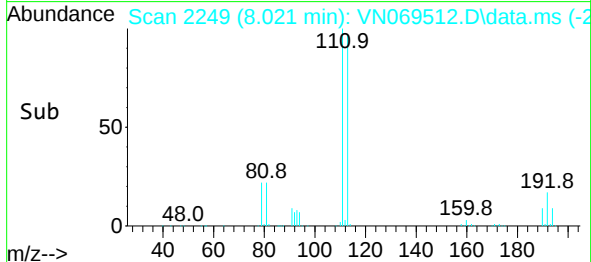
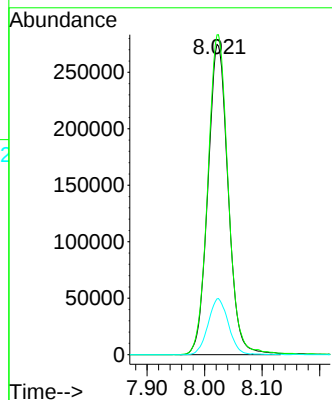
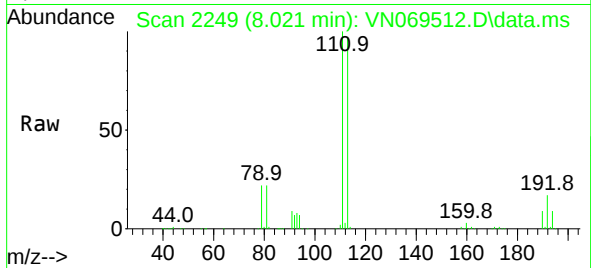




#35  
 Dibromofluoromethane  
 Concen: 47.457 ug/l  
 RT: 8.021 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VN069512.D  
 Acq: 16 Nov 2021 16:50

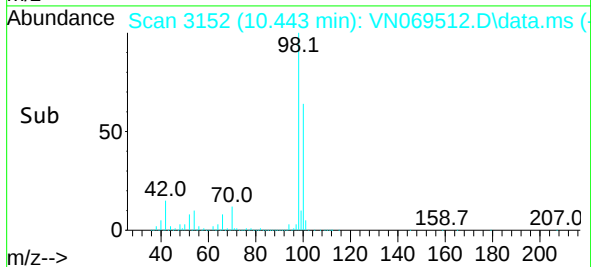
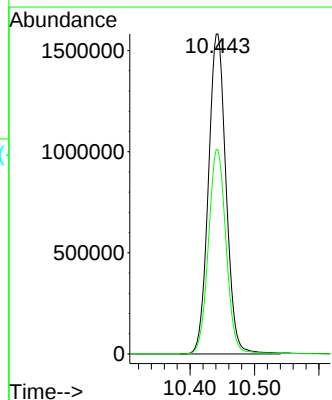
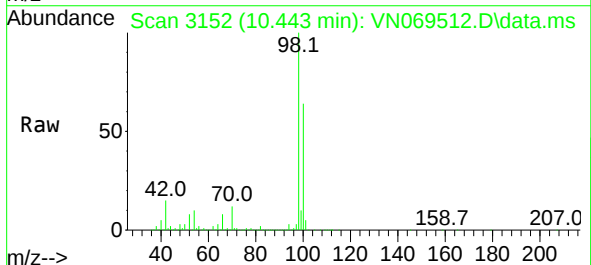
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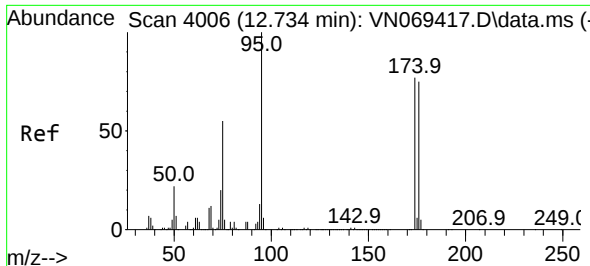
Tgt Ion:113 Resp: 673843  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 82.2 123.2  
 192 18.0 16.9 25.3



#50  
 Toluene-d8  
 Concen: 53.788 ug/l  
 RT: 10.443 min Scan# 3152  
 Delta R.T. 0.002 min  
 Lab File: VN069512.D  
 Acq: 16 Nov 2021 16:50

Tgt Ion: 98 Resp: 3003771  
 Ion Ratio Lower Upper  
 98 100  
 100 63.7 50.4 75.6

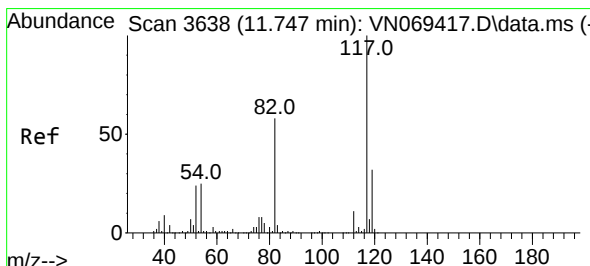
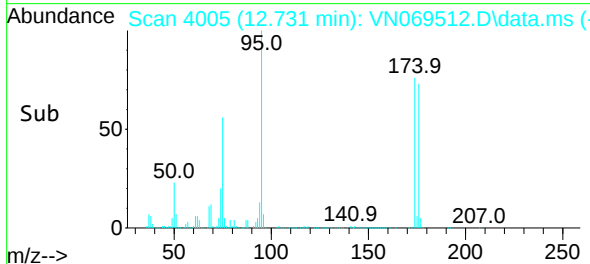
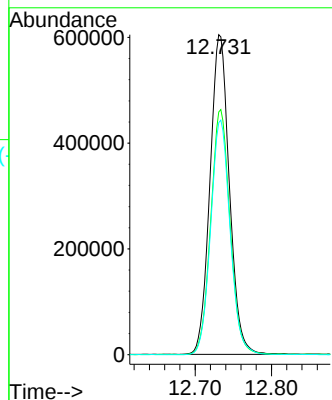
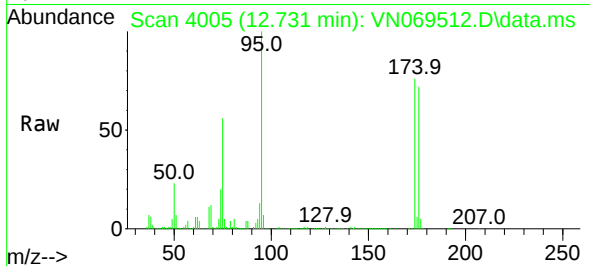




#62  
4-Bromofluorobenzene  
Concen: 51.986 ug/l  
RT: 12.731 min Scan# 4006  
Delta R.T. -0.003 min  
Lab File: VN069512.D  
Acq: 16 Nov 2021 16:50

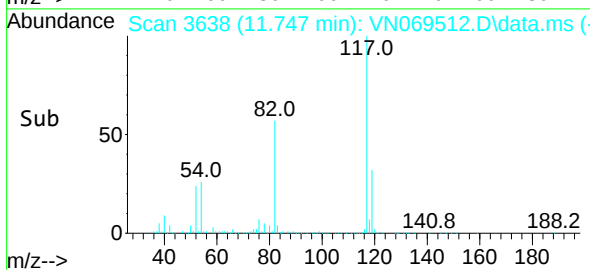
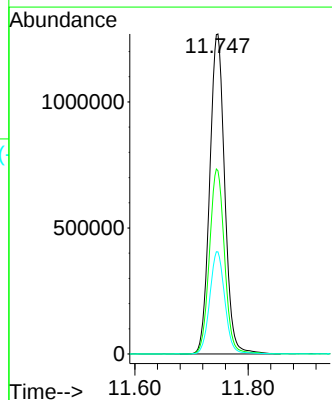
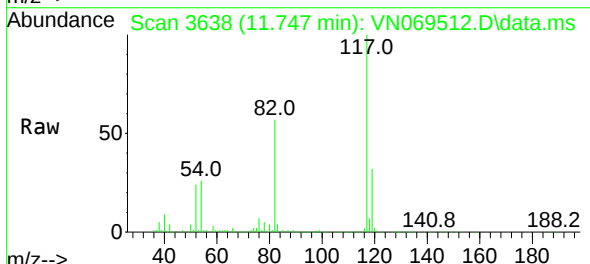
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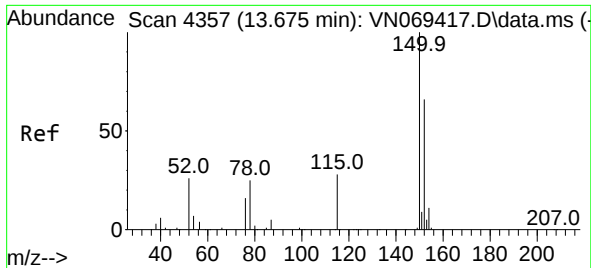
Tgt Ion: 95 Resp: 1066498  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 187.2  
176 73.5 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN069512.D  
Acq: 16 Nov 2021 16:50

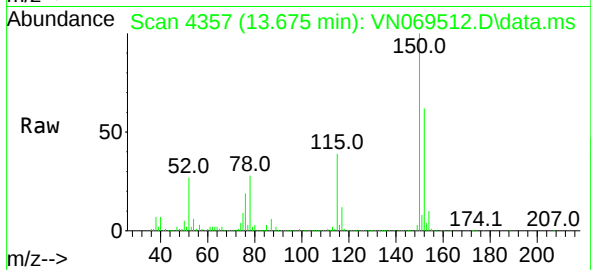
Tgt Ion: 117 Resp: 2334193  
Ion Ratio Lower Upper  
117 100  
82 57.2 42.4 63.6  
119 31.9 25.4 38.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.675 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VN069512.D  
 Acq: 16 Nov 2021 16:50

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
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Tgt Ion:152 Resp: 891890  
 Ion Ratio Lower Upper  
 152 100  
 115 61.4 27.5 82.5  
 150 159.3 0.0 344.4

