

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011922\  
 Data File : VN070697.D  
 Acq On : 19 Jan 2022 14:04  
 Operator : JC/MD  
 Sample : N1180-01 50X  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 31522

Quant Time: Jan 20 03:37:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011822W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 18 13:32:07 2022  
 Response via : Initial Calibration

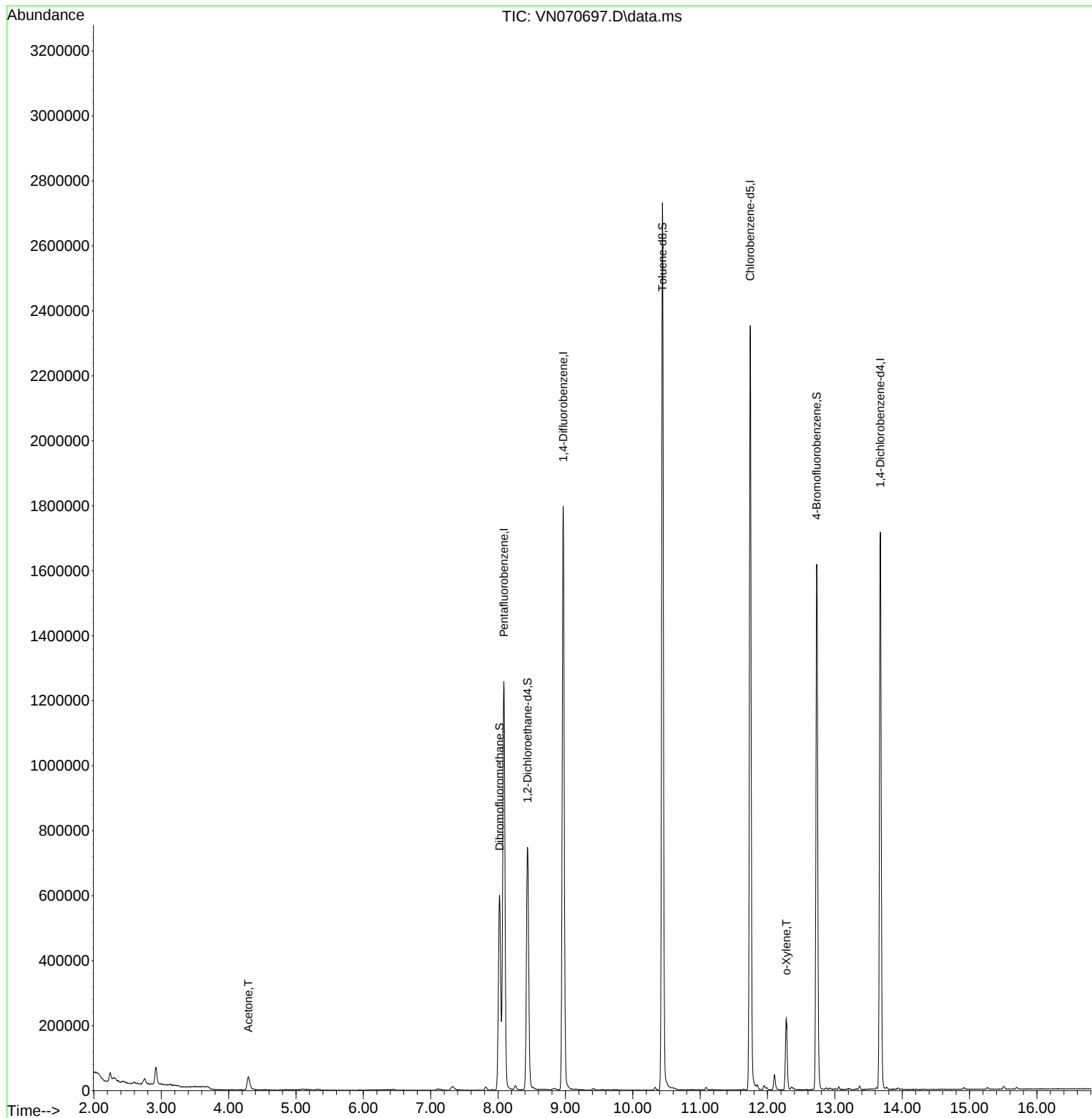
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.085  | 168   | 965990   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.968  | 114   | 1537246  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.744 | 117   | 1346267  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.675 | 152   | 474774   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.437  | 65    | 651312   | 47.046   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 94.100%  |
| 35) Dibromofluoromethane    | 8.021  | 113   | 447354   | 46.914   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 93.820%  |
| 50) Toluene-d8              | 10.440 | 98    | 1894418  | 47.159   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 94.320%  |
| 62) 4-Bromofluorobenzene    | 12.731 | 95    | 610338   | 42.637   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 85.280%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.293  | 43    | 78947    | 8.216    | ug/l   | 98       |
| 69) o-Xylene                | 12.280 | 106   | 46919    | 2.403    | ug/l   | 90       |
| -----                       |        |       |          |          |        |          |

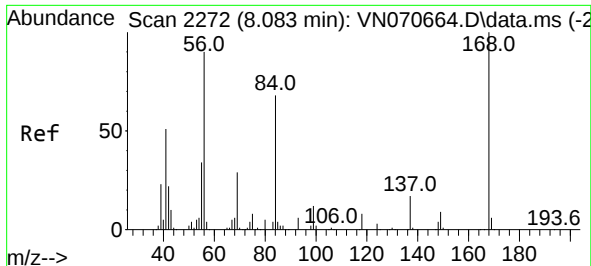
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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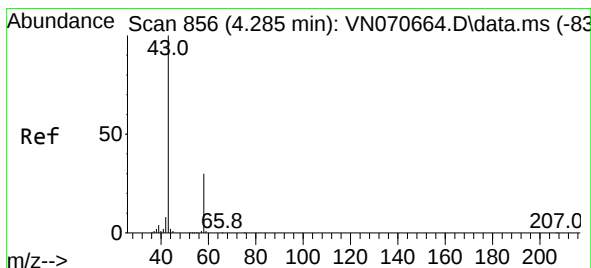
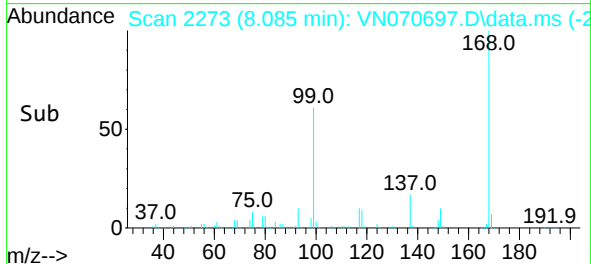
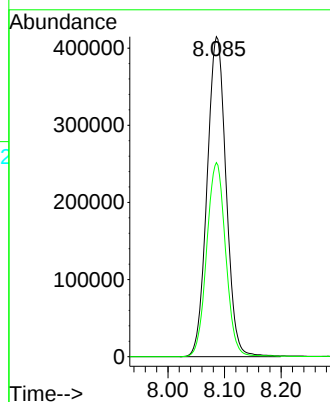
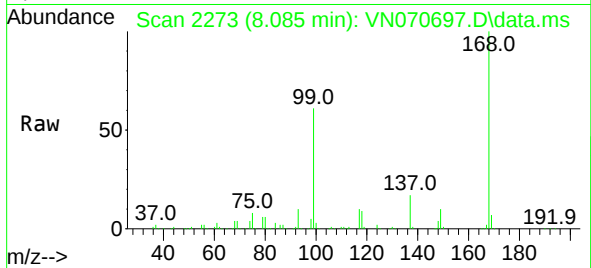




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.085 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: VN070697.D  
Acq: 19 Jan 2022 14:04

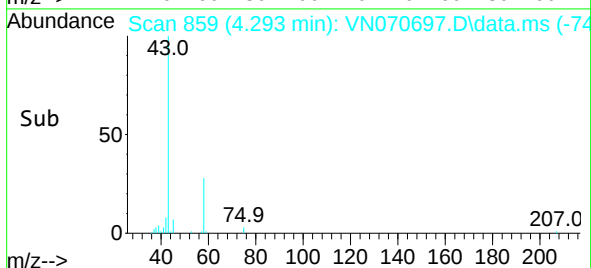
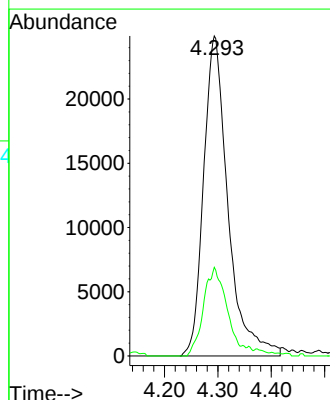
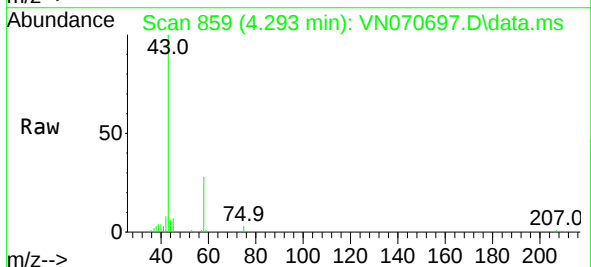
Instrument :  
MSVOA\_N  
ClientSampleId :  
31522

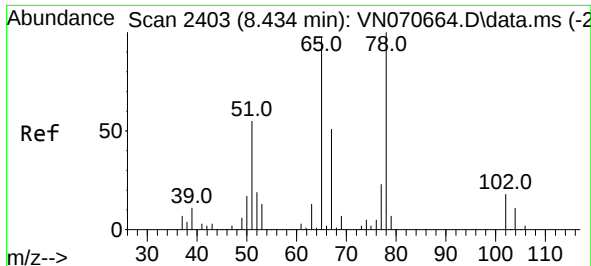
Tgt Ion:168 Resp: 965990  
Ion Ratio Lower Upper  
168 100  
99 60.7 41.3 61.9



#16  
Acetone  
Concen: 8.216 ug/l  
RT: 4.293 min Scan# 859  
Delta R.T. 0.008 min  
Lab File: VN070697.D  
Acq: 19 Jan 2022 14:04

Tgt Ion: 43 Resp: 78947  
Ion Ratio Lower Upper  
43 100  
58 27.7 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 47.046 ug/l

RT: 8.437 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070697.D

Acq: 19 Jan 2022 14:04

Instrument :

MSVOA\_N

ClientSampleId :

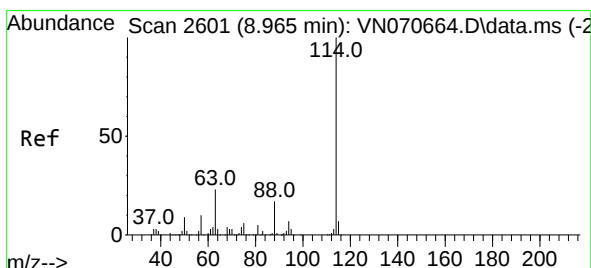
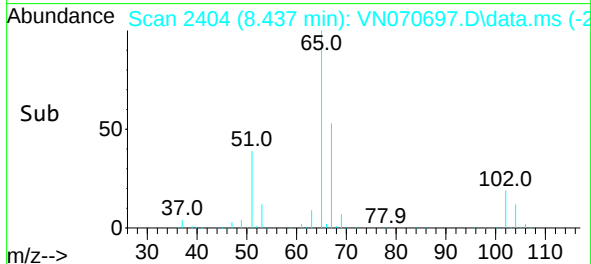
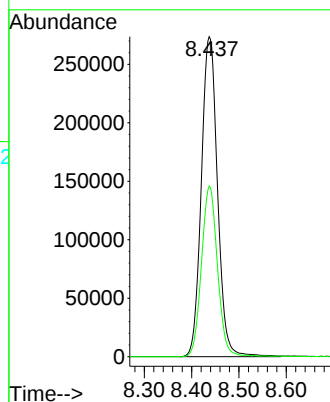
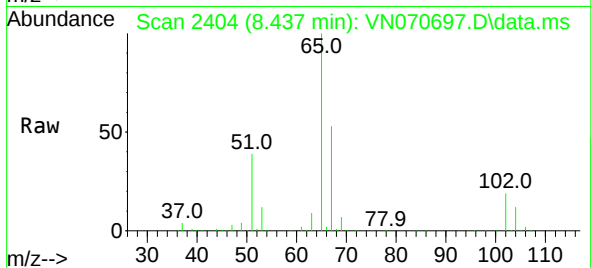
31522

Tgt Ion: 65 Resp: 651312

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070697.D

Acq: 19 Jan 2022 14:04

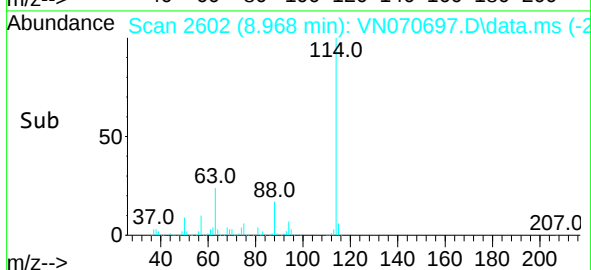
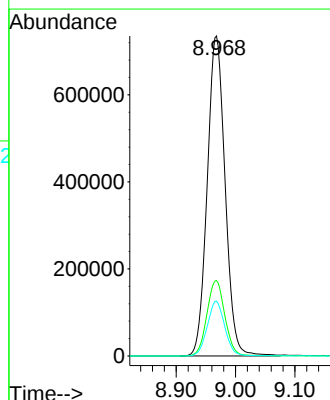
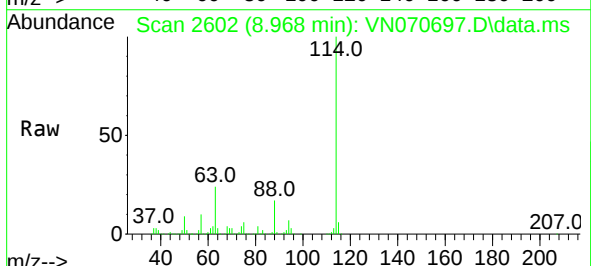
Tgt Ion: 114 Resp: 1537246

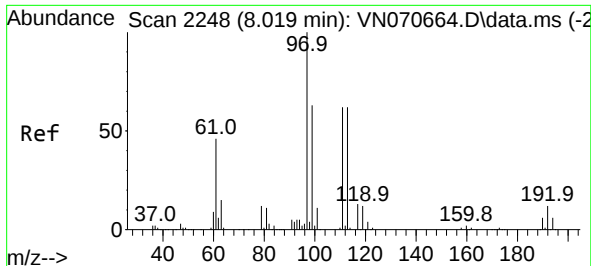
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 17.2 0.0 27.4

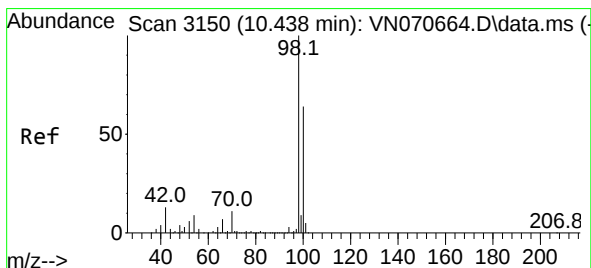
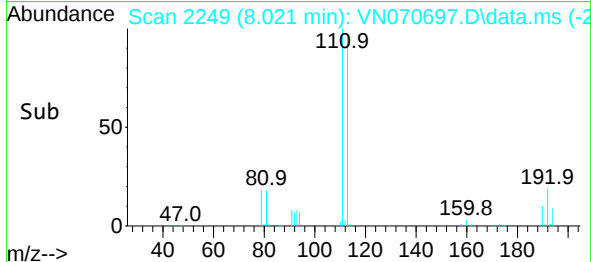
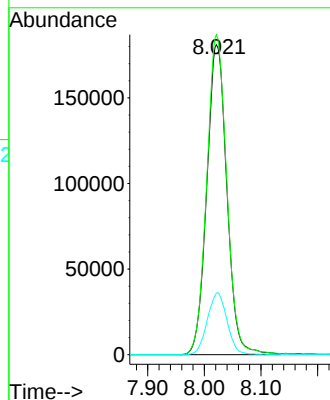
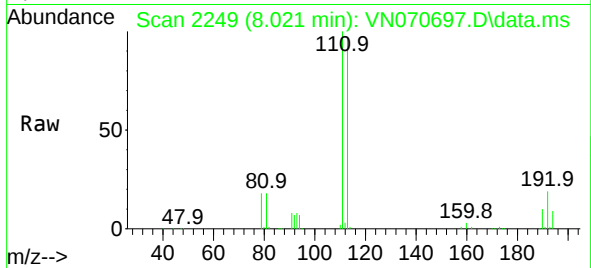




#35  
Dibromofluoromethane  
Concen: 46.914 ug/l  
RT: 8.021 min Scan# 2113  
Delta R.T. 0.002 min  
Lab File: VN070697.D  
Acq: 19 Jan 2022 14:04

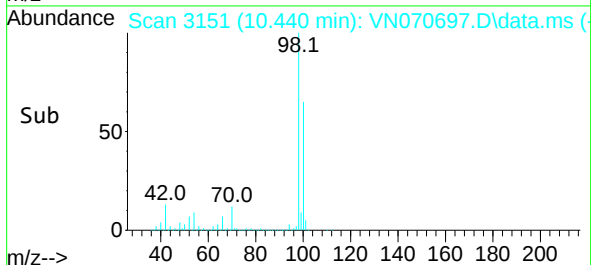
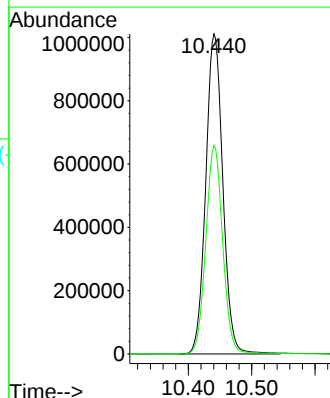
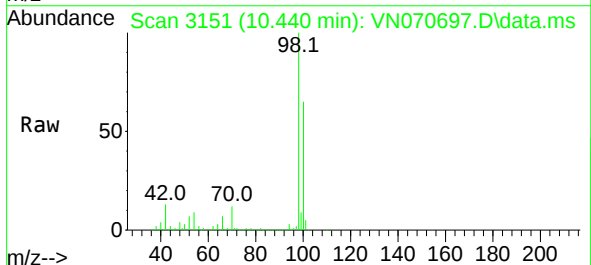
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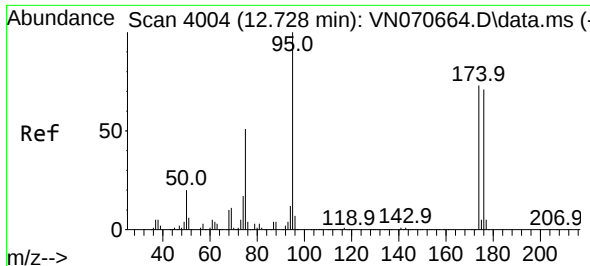
Tgt Ion:113 Resp: 447354  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.2 123.2  
192 19.6 16.9 25.3



#50  
Toluene-d8  
Concen: 47.159 ug/l  
RT: 10.440 min Scan# 3151  
Delta R.T. 0.002 min  
Lab File: VN070697.D  
Acq: 19 Jan 2022 14:04

Tgt Ion: 98 Resp: 1894418  
Ion Ratio Lower Upper  
98 100  
100 64.4 50.4 75.6

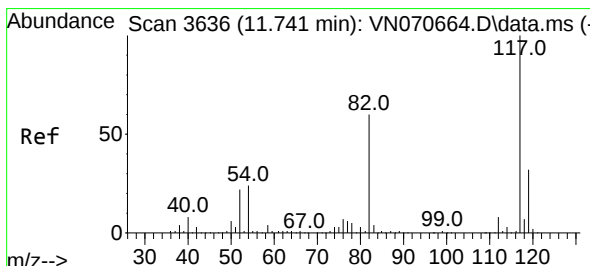
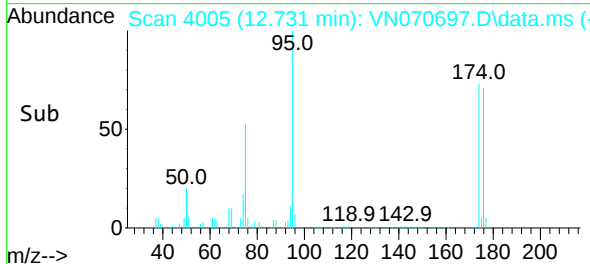
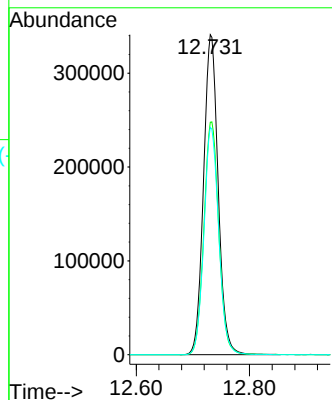
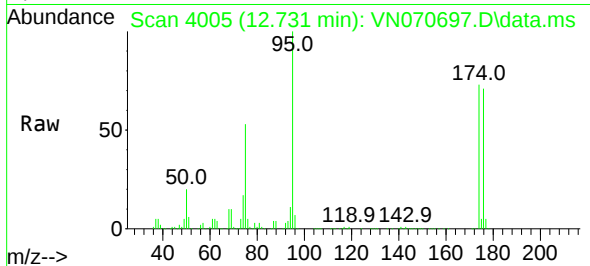




#62  
4-Bromofluorobenzene  
Concen: 42.637 ug/l  
RT: 12.731 min Scan# 4005  
Delta R.T. 0.003 min  
Lab File: VN070697.D  
Acq: 19 Jan 2022 14:04

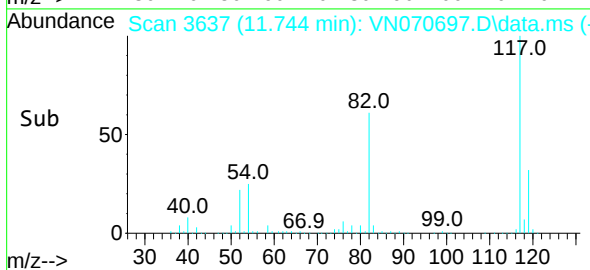
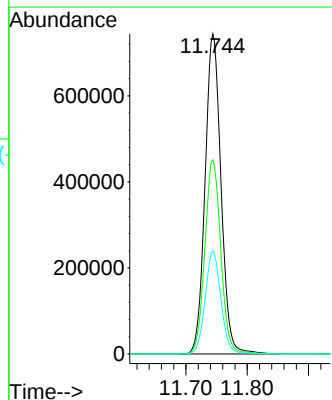
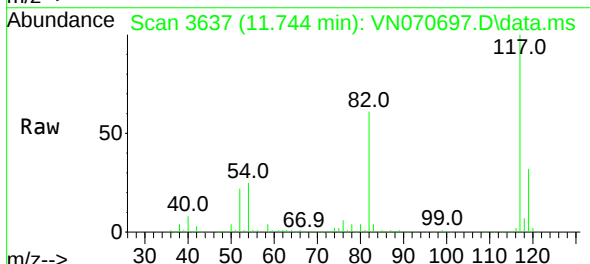
Instrument :  
MSVOA\_N  
ClientSampleId :  
31522

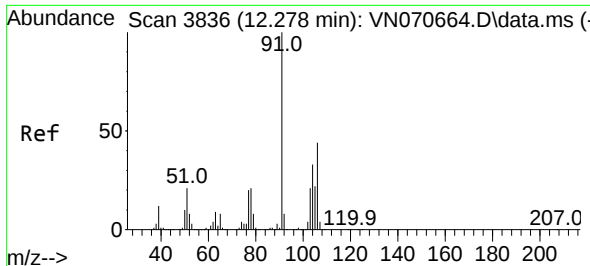
Tgt Ion: 95 Resp: 610338  
Ion Ratio Lower Upper  
95 100  
174 74.2 0.0 187.2  
176 71.7 0.0 181.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.744 min Scan# 3637  
Delta R.T. 0.003 min  
Lab File: VN070697.D  
Acq: 19 Jan 2022 14:04

Tgt Ion: 117 Resp: 1346267  
Ion Ratio Lower Upper  
117 100  
82 60.6 42.4 63.6  
119 32.2 25.4 38.2

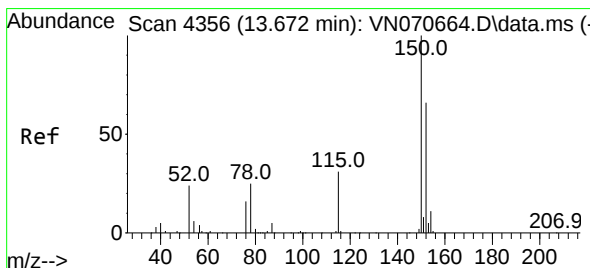
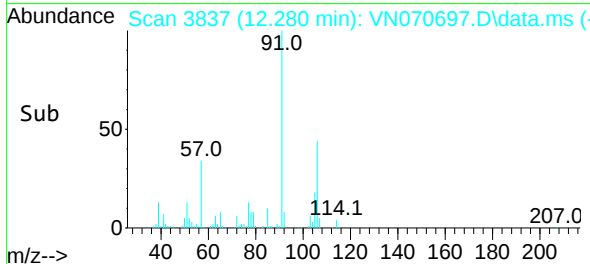
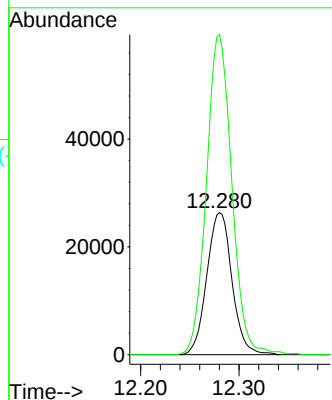
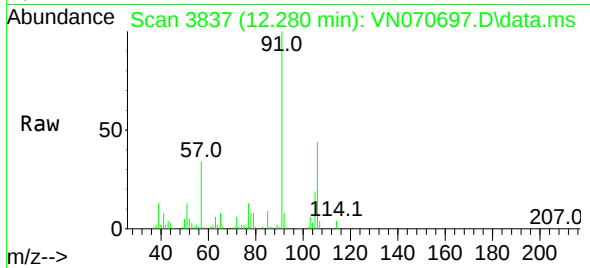




#69  
o-Xylene  
Concen: 2.403 ug/l  
RT: 12.280 min Scan# 3837  
Delta R.T. 0.002 min  
Lab File: VN070697.D  
Acq: 19 Jan 2022 14:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
31522

Tgt Ion:106 Resp: 46919  
Ion Ratio Lower Upper  
106 100  
91 227.4 105.8 317.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.675 min Scan# 4357  
Delta R.T. 0.003 min  
Lab File: VN070697.D  
Acq: 19 Jan 2022 14:04

Tgt Ion:152 Resp: 474774  
Ion Ratio Lower Upper  
152 100  
115 61.5 27.5 82.5  
150 157.8 0.0 344.4

