

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101121\  
 Data File : VX024752.D  
 Acq On : 12 Oct 2021 08:28  
 Operator : JC/MD  
 Sample : M4158-18  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T8-4-BOTTOM-GRAB

Quant Time: Oct 12 08:58:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 23 18:24:34 2021  
 Response via : Initial Calibration

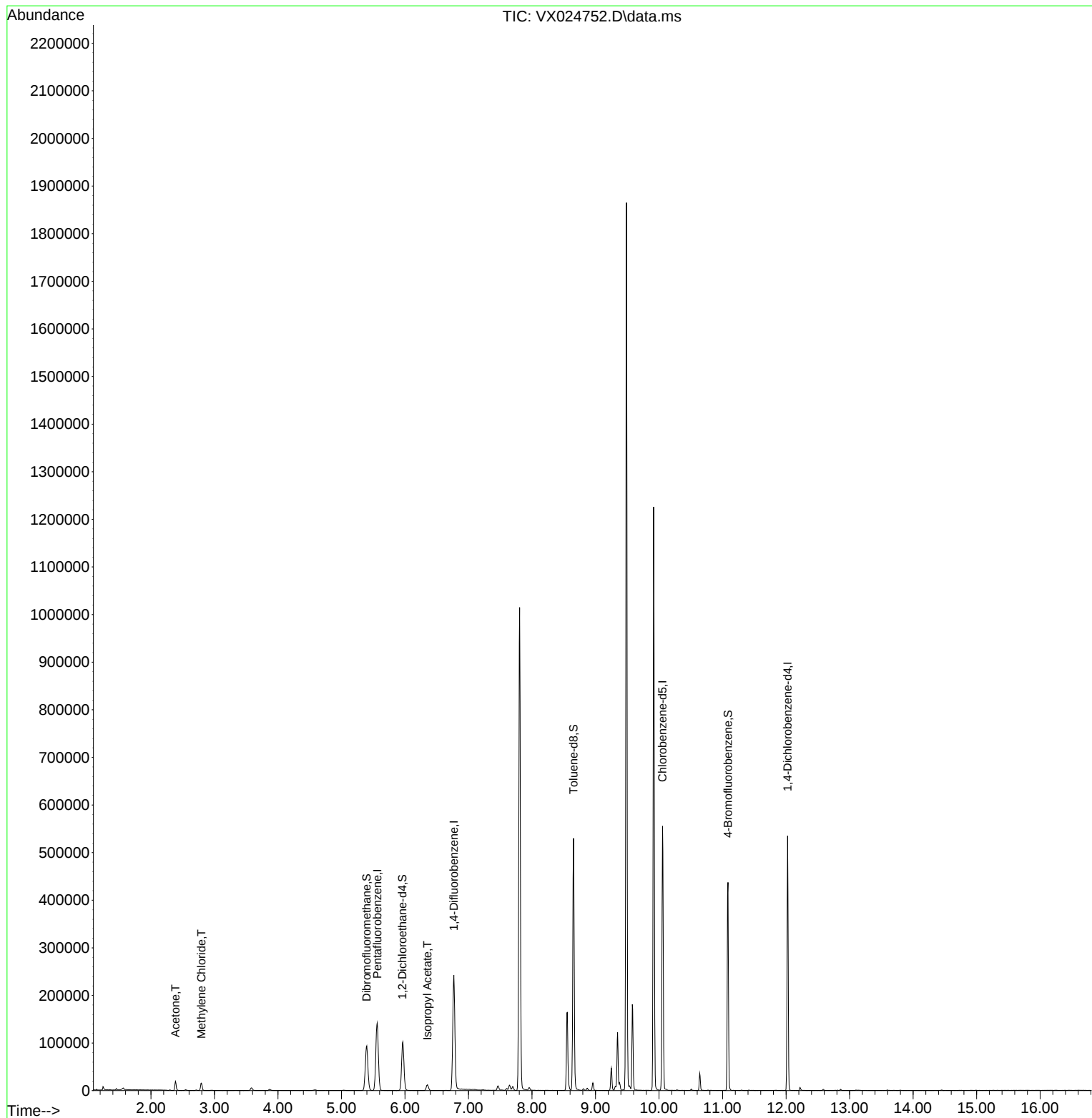
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 132070   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 234345   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 242498   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 106356   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 103947   | 55.844   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 111.680% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 79105    | 50.812   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 101.620% |
| 50) Toluene-d8              | 8.653     | 98    | 299159   | 52.210   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 104.420% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 113133   | 50.217   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 100.440% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.386     | 43    | 19469    | 15.268   | ug/l   | 90       |
| 20) Methylene Chloride      | 2.794     | 84    | 7054     | 4.013    | ug/l   | 93       |
| 43) Isopropyl Acetate       | 6.354     | 43    | 16549    | 3.881    | ug/l # | 93       |
| -----                       |           |       |          |          |        |          |

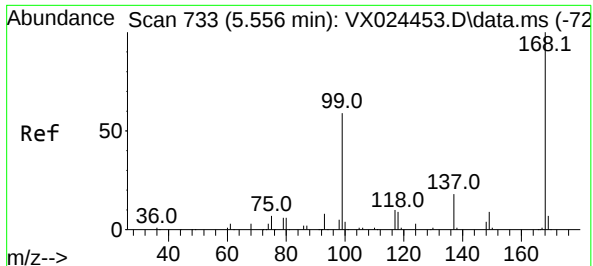
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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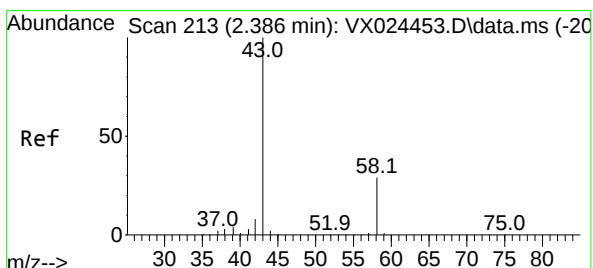
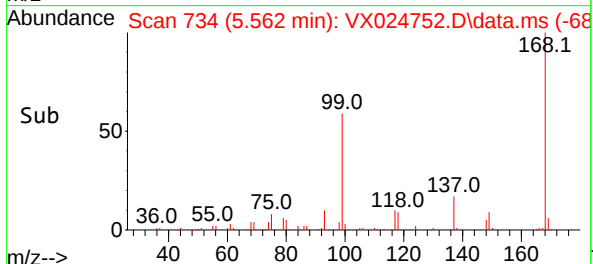
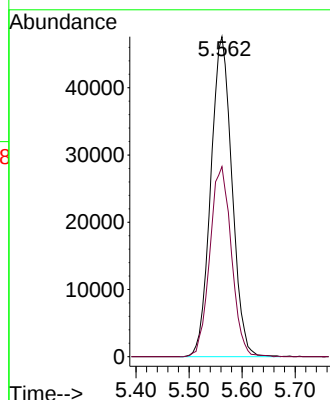
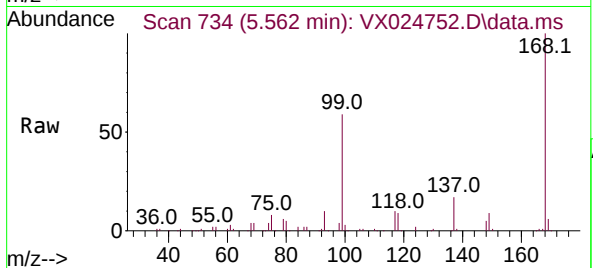




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

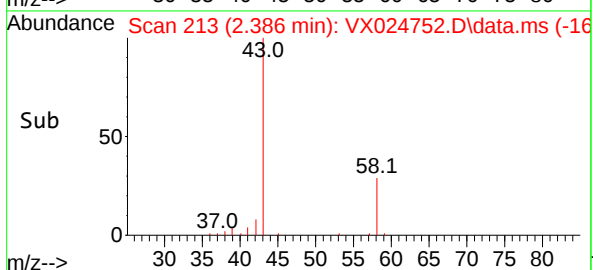
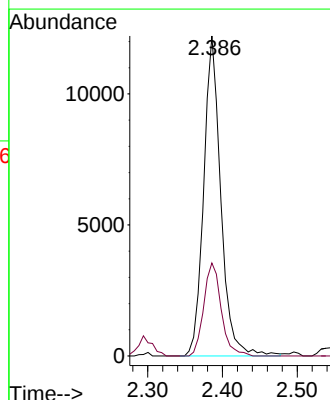
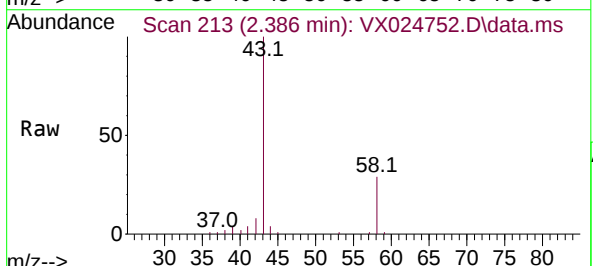
Instrument :  
MSVOA\_X  
ClientSampleId :  
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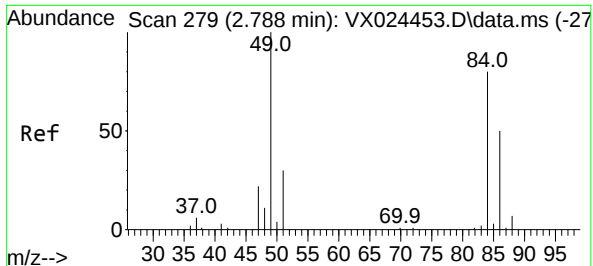
Tgt Ion:168 Resp: 132070  
Ion Ratio Lower Upper  
168 100  
99 59.4 45.8 68.6



#16  
Acetone  
Concen: 15.268 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

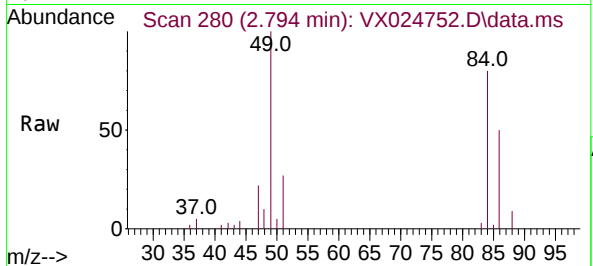
Tgt Ion: 43 Resp: 19469  
Ion Ratio Lower Upper  
43 100  
58 29.1 27.8 41.8



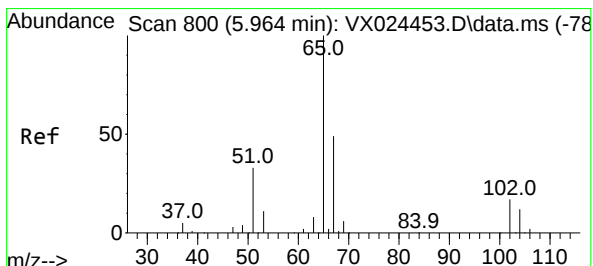
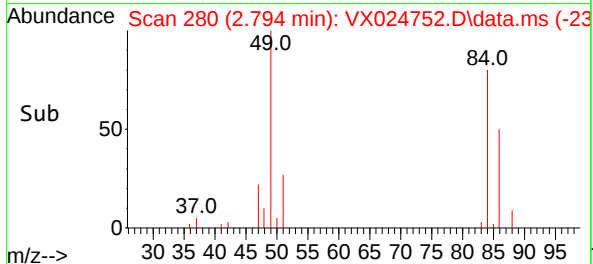
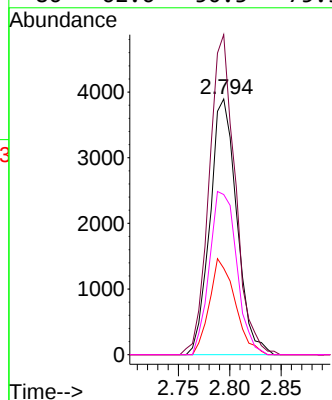


#20  
Methylene Chloride  
Concen: 4.013 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

Instrument :  
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ClientSampleId :  
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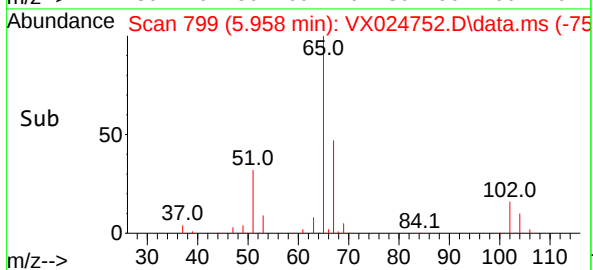
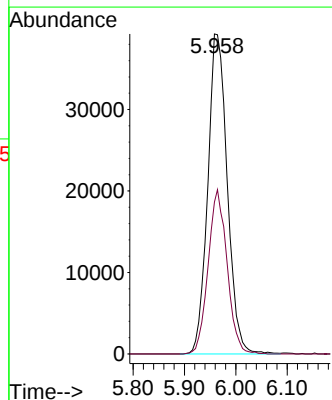
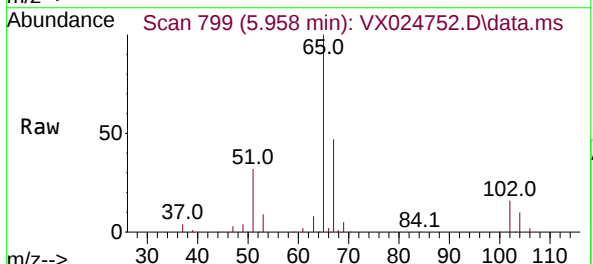


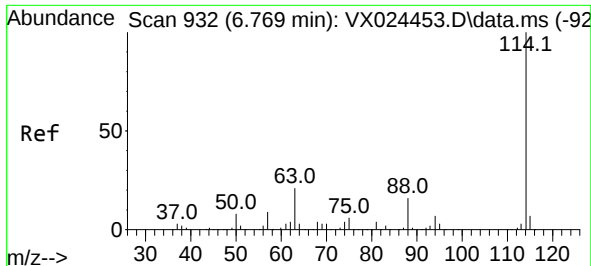
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 7054  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 125.1    | 88.6 132.8  |
| 51 33.8     | 27.0 40.6   |
| 86 62.6     | 50.3 75.5   |



#33  
1,2-Dichloroethane-d4  
Concen: 55.844 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 103947 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 49.7     | 0.0 105.4    |

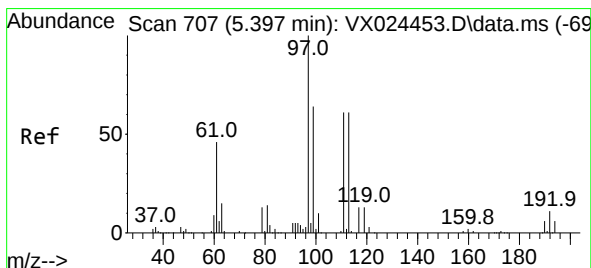
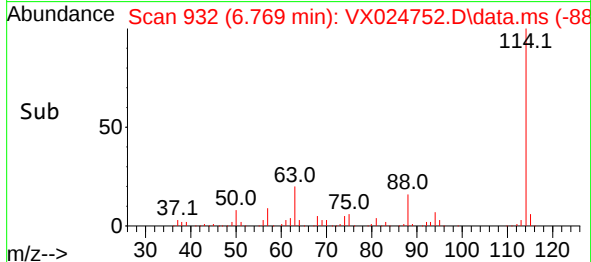
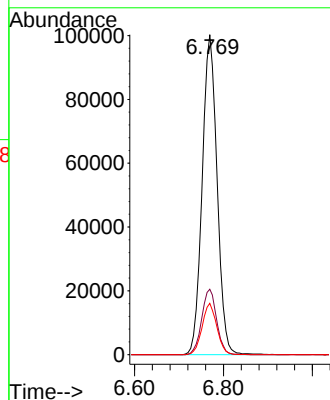
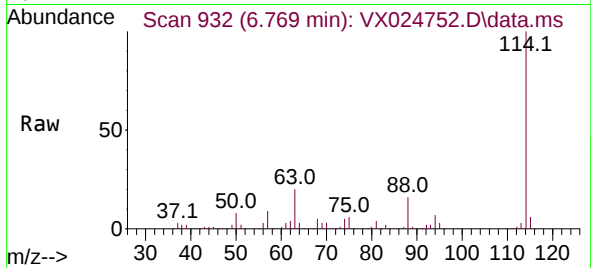




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

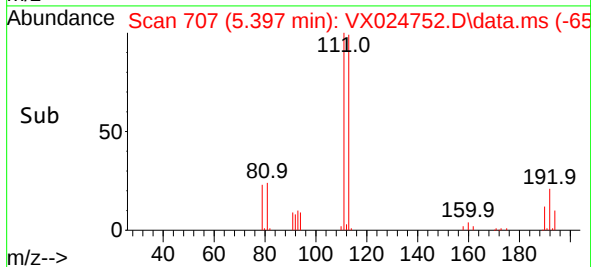
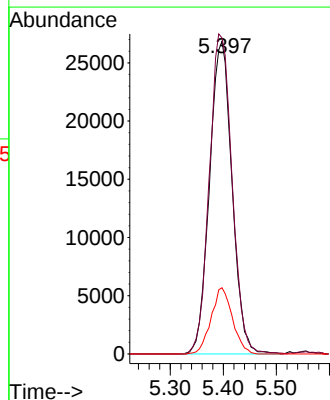
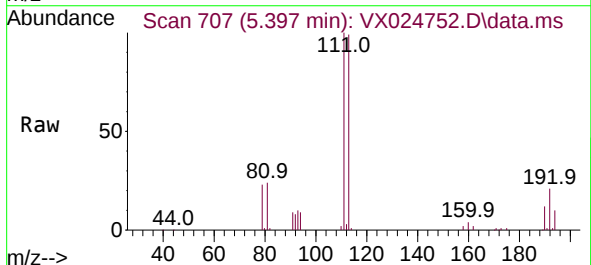
Instrument :  
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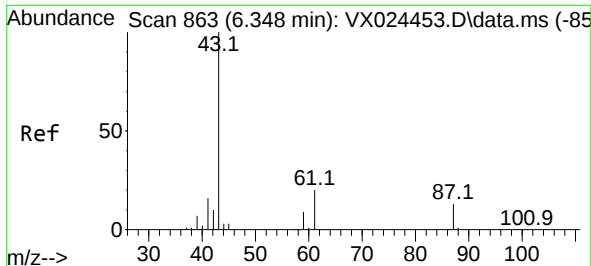
Tgt Ion:114 Resp: 234345  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 40.8  
88 16.0 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 50.812 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

Tgt Ion:113 Resp: 79105  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.9 122.9  
192 20.1 16.7 25.1

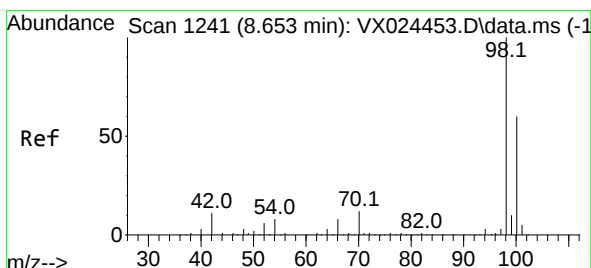
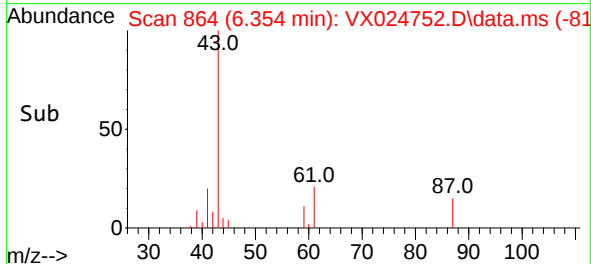
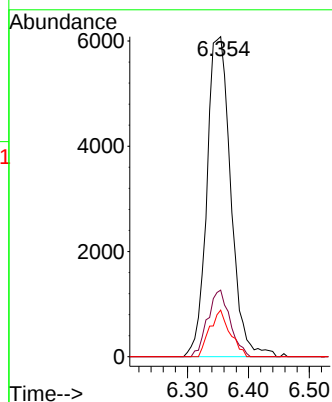
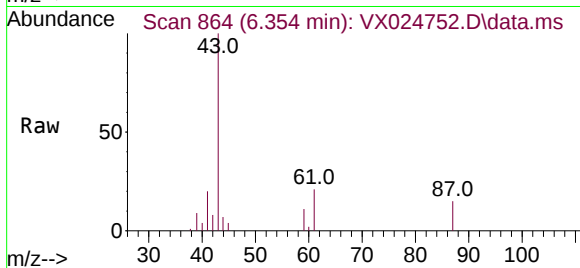




#43  
Isopropyl Acetate  
Concen: 3.881 ug/l  
RT: 6.354 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

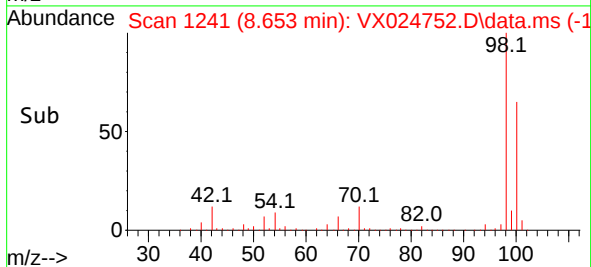
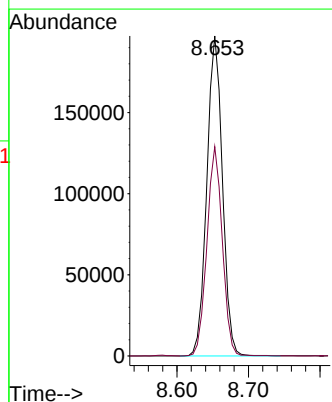
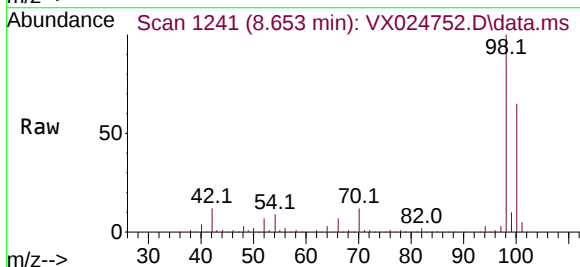
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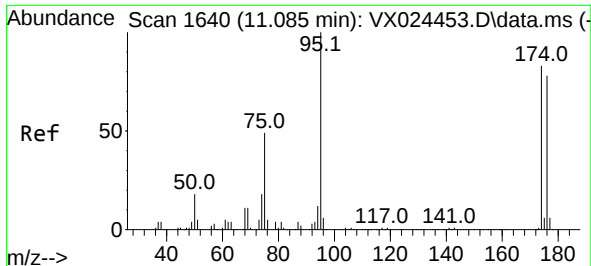
Tgt Ion: 43 Resp: 16549  
Ion Ratio Lower Upper  
43 100  
61 19.5 18.2 27.4  
87 12.3 12.5 18.7#



#50  
Toluene-d8  
Concen: 52.210 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

Tgt Ion: 98 Resp: 299159  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.9 77.9

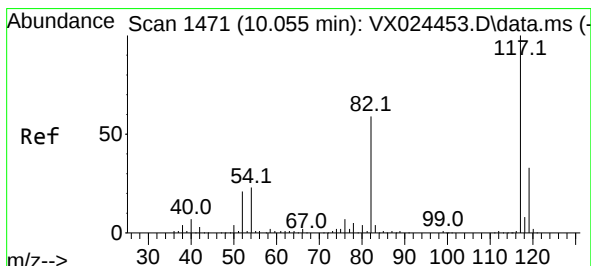
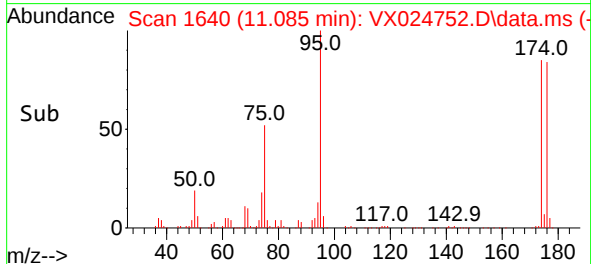
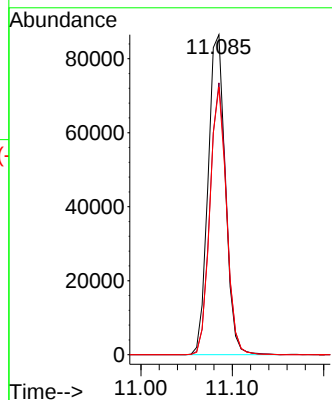
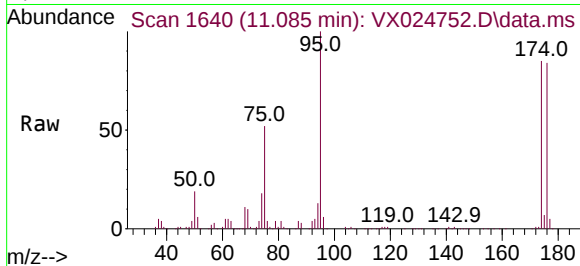




#62  
4-Bromofluorobenzene  
Concen: 50.217 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

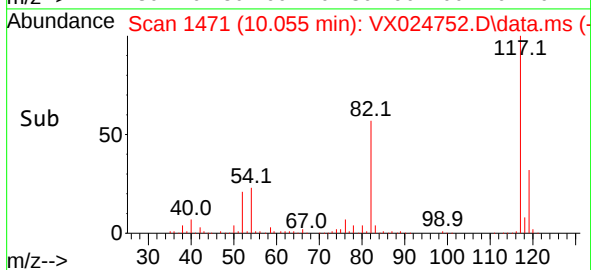
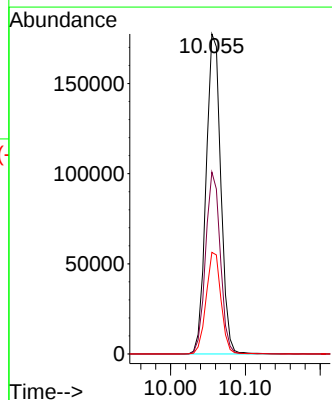
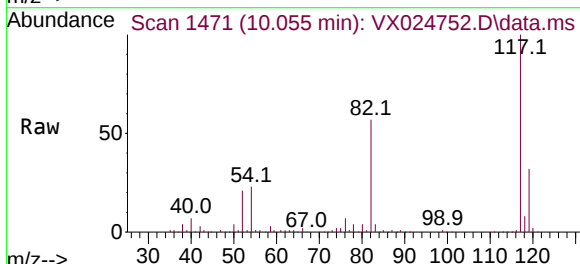
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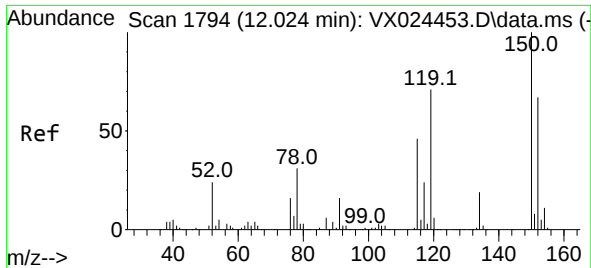
Tgt Ion: 95 Resp: 113133  
Ion Ratio Lower Upper  
95 100  
174 81.7 0.0 154.6  
176 80.3 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX024752.D  
Acq: 12 Oct 2021 08:28

Tgt Ion: 117 Resp: 242498  
Ion Ratio Lower Upper  
117 100  
82 56.8 47.4 71.2  
119 31.7 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX024752.D  
 Acq: 12 Oct 2021 08:28

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 106356  
 Ion Ratio Lower Upper  
 152 100  
 115 60.0 41.1 123.3  
 150 155.4 0.0 349.0

