

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101321\  
 Data File : VX024797.D  
 Acq On : 13 Oct 2021 20:45  
 Operator : JC/MD  
 Sample : M4170-03RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SW-RR-03-(SA)RE

Quant Time: Oct 14 03:58:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101321W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 14 03:51:38 2021  
 Response via : Initial Calibration

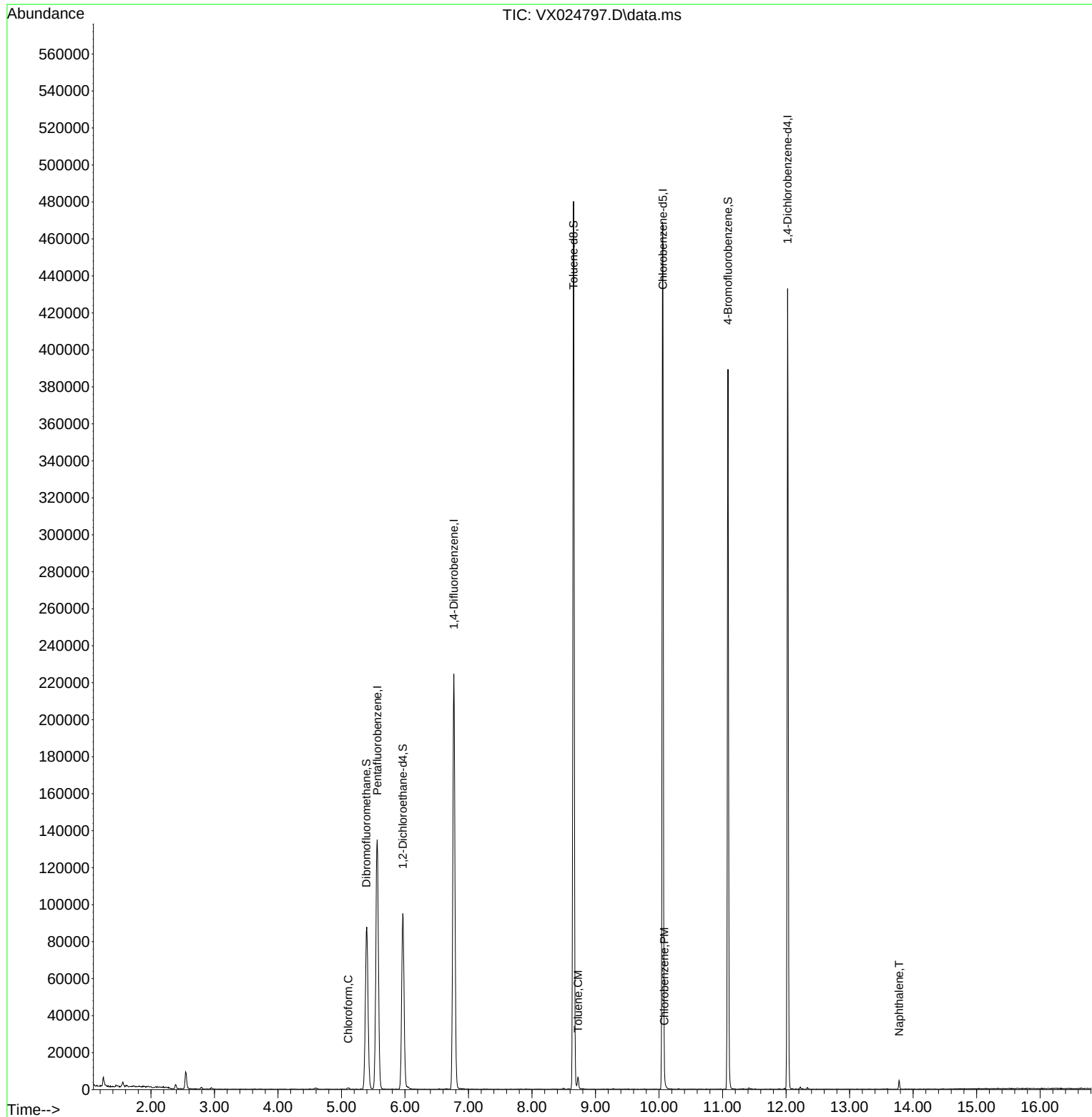
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 126474   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 221185   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.061 | 117   | 212862   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 88073    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 96681    | 62.195   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 124.400% | #        |
| 35) Dibromofluoromethane    | 5.391  | 113   | 75896    | 57.639   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 115.280% |          |
| 50) Toluene-d8              | 8.653  | 98    | 271945   | 55.833   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 111.660% |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 98892    | 51.623   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 103.240% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 30) Chloroform              | 5.104  | 83    | 927      | 0.373    | ug/l       | 99       |
| 52) Toluene                 | 8.726  | 92    | 2191     | 0.602    | ug/l       | 98       |
| 65) Chlorobenzene           | 10.085 | 112   | 1263     | 0.303    | ug/l       | 93       |
| 95) Naphthalene             | 13.780 | 128   | 3072     | 0.747    | ug/l       | 97       |
| -----                       |        |       |          |          |            |          |

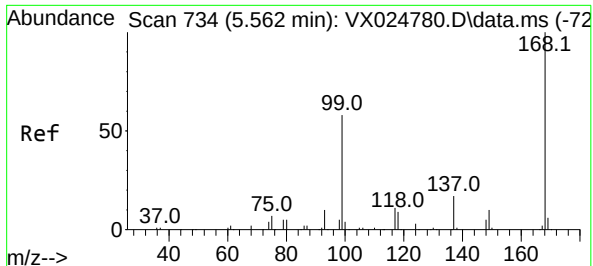
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101321W.M  
Quant Title : SW846 8260  
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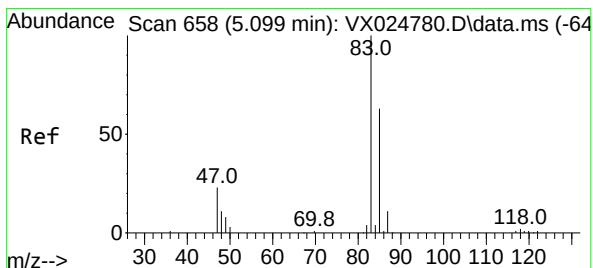
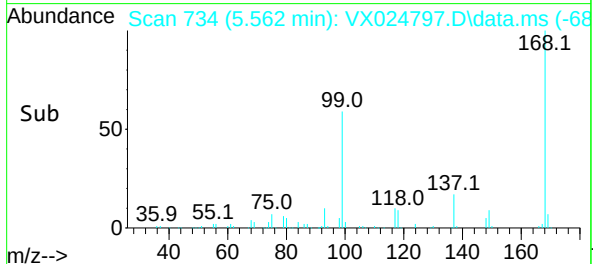
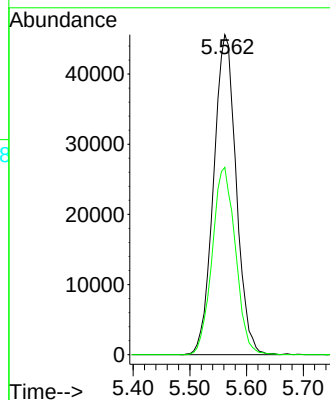
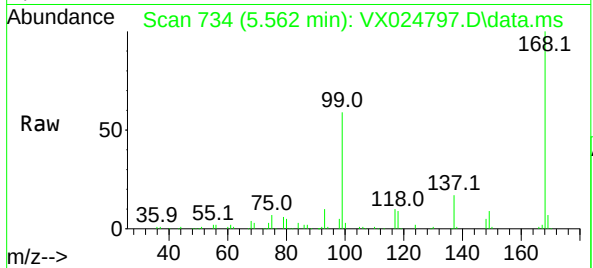




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45

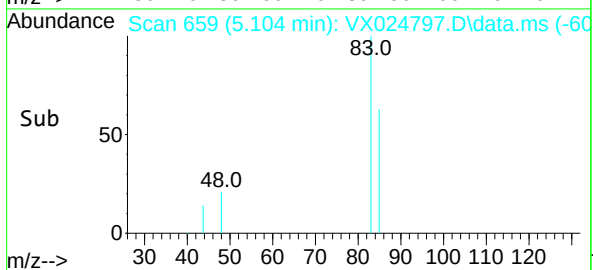
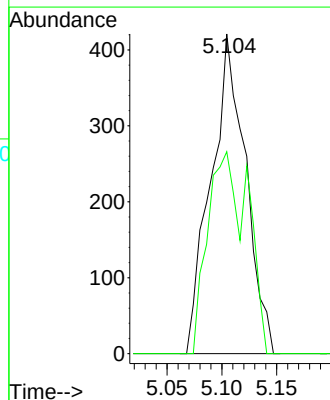
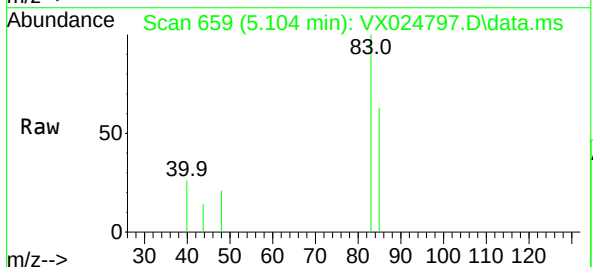
Instrument :  
MSVOA\_X  
ClientSampleId :  
SW-RR-03-(SA)RE

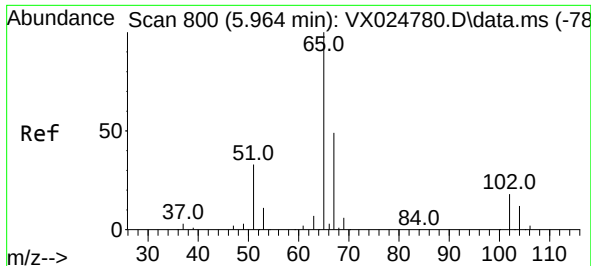
Tgt Ion:168 Resp: 126474  
Ion Ratio Lower Upper  
168 100  
99 58.6 46.4 69.6



#30  
Chloroform  
Concen: 0.373 ug/l  
RT: 5.104 min Scan# 659  
Delta R.T. 0.006 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45

Tgt Ion: 83 Resp: 927  
Ion Ratio Lower Upper  
83 100  
85 63.2 50.2 75.2



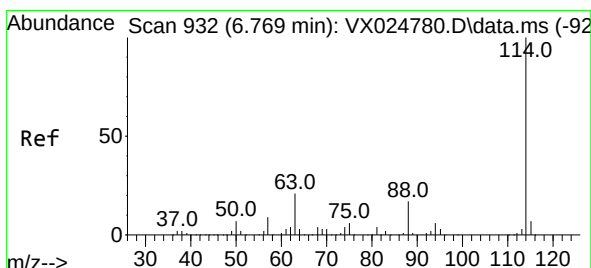
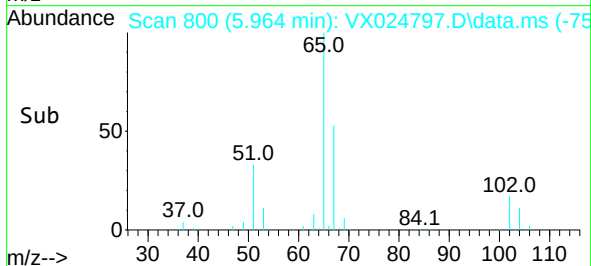
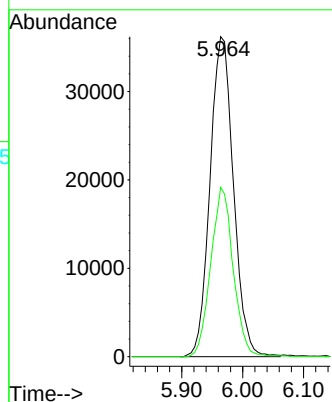
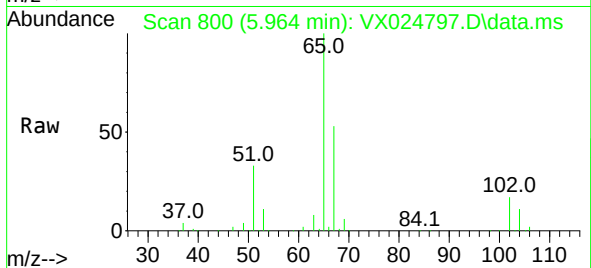


#33

1,2-Dichloroethane-d4  
Concen: 62.195 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45

Instrument :  
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ClientSampleId :  
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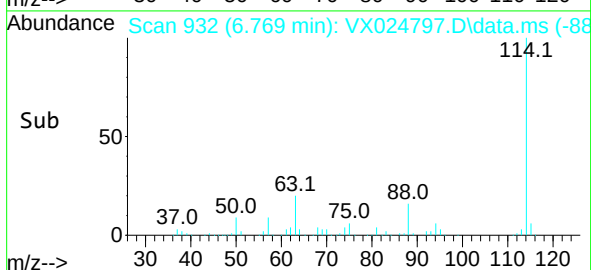
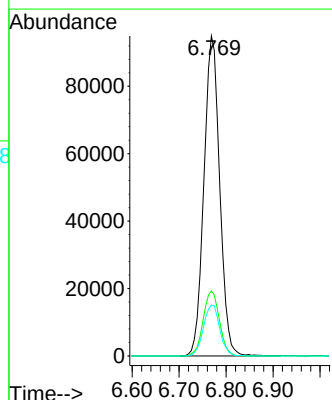
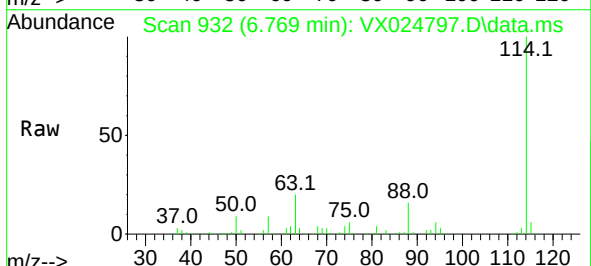
Tgt Ion: 65 Resp: 96681  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 101.0

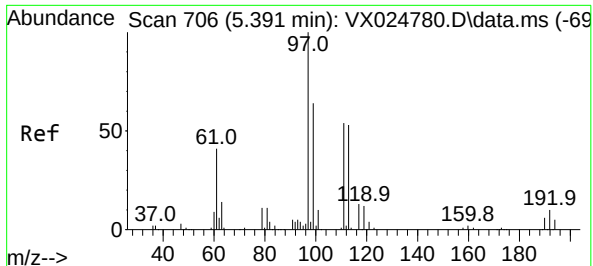


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45

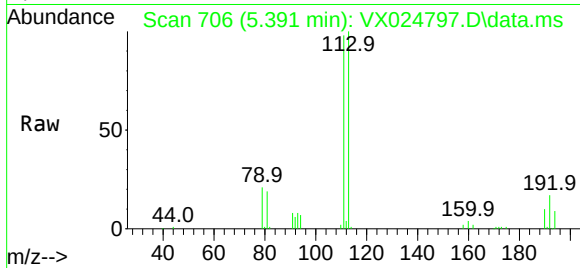
Tgt Ion: 114 Resp: 221185  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 41.0  
88 15.9 0.0 34.8



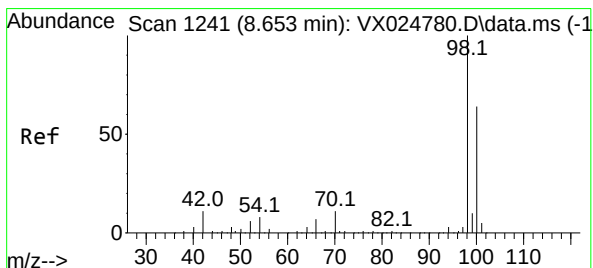
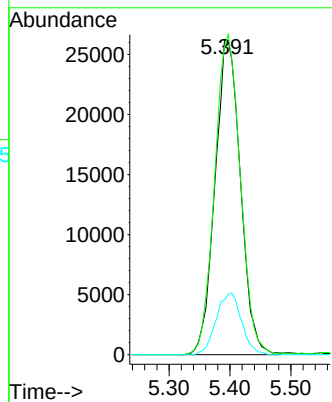
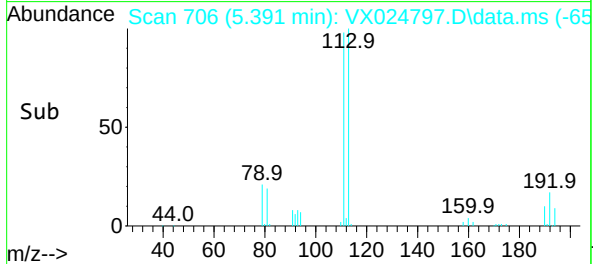


#35  
Dibromofluoromethane  
Concen: 57.639 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45

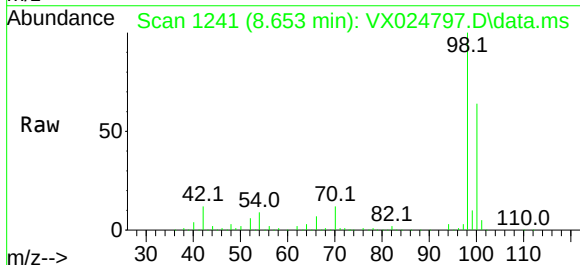
Instrument :  
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SW-RR-03-(SA)RE



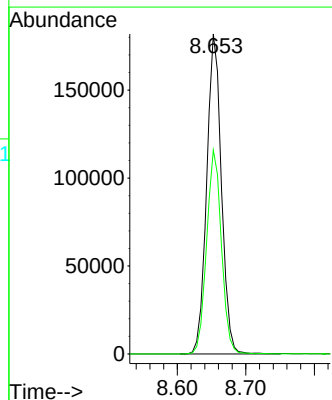
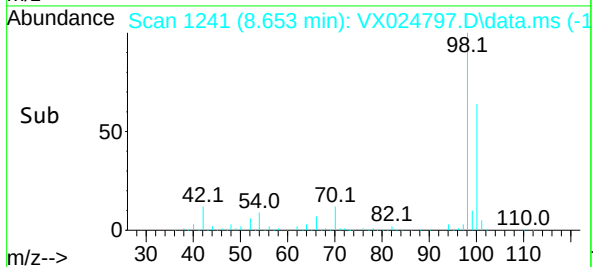
Tgt Ion:113 Resp: 75896  
Ion Ratio Lower Upper  
113 100  
111 103.0 82.1 123.1  
192 19.6 15.6 23.4

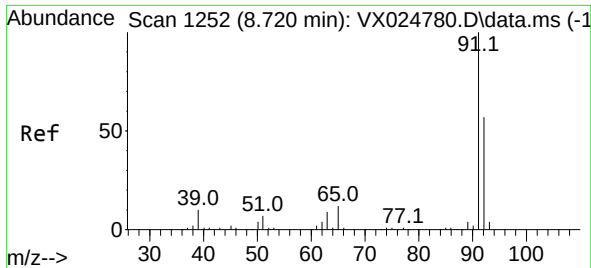


#50  
Toluene-d8  
Concen: 55.833 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45



Tgt Ion: 98 Resp: 271945  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.4 77.0

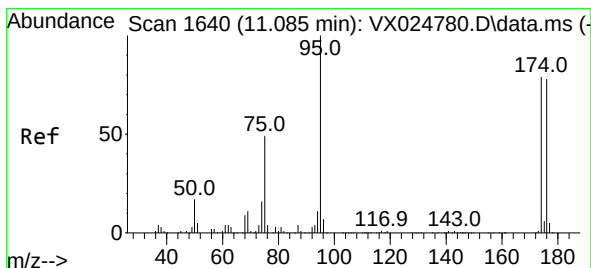
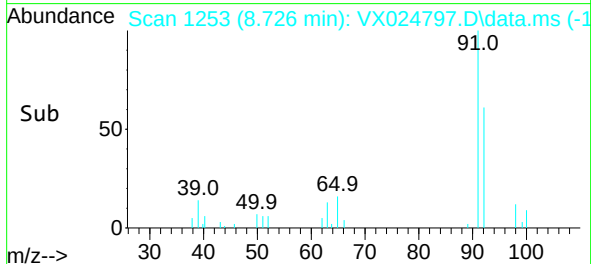
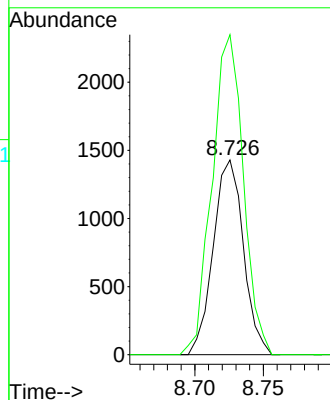
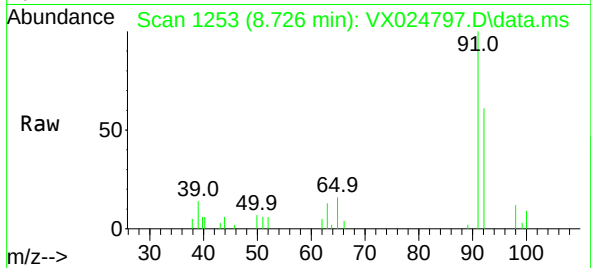




#52  
Toluene  
Concen: 0.602 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45

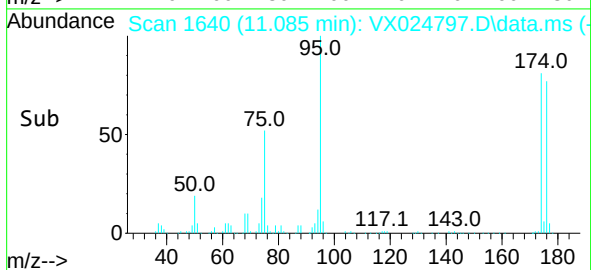
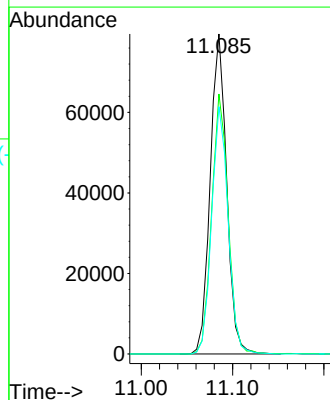
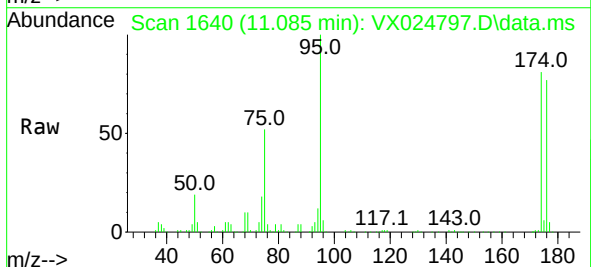
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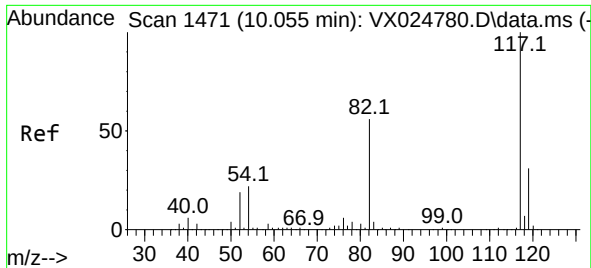
Tgt Ion: 92 Resp: 2191  
Ion Ratio Lower Upper  
92 100  
91 170.4 138.6 208.0



#62  
4-Bromofluorobenzene  
Concen: 51.623 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45

Tgt Ion: 95 Resp: 98892  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 158.0  
176 77.6 0.0 153.6

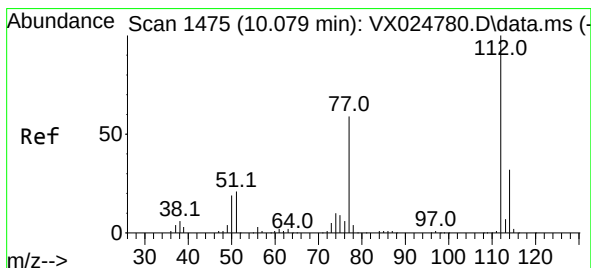
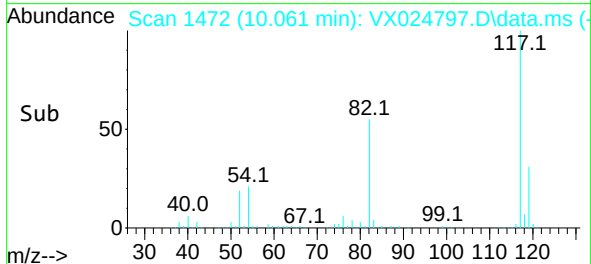
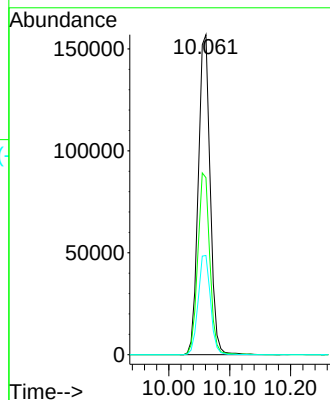
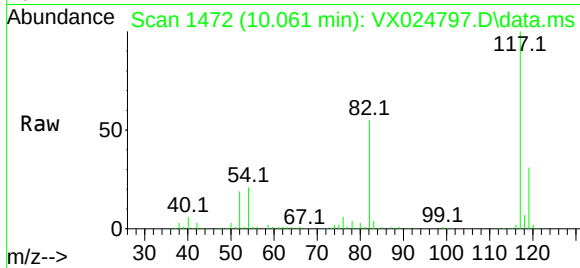




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45

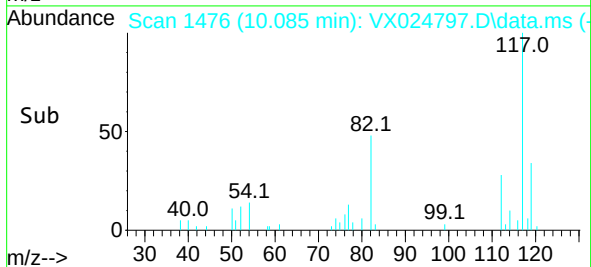
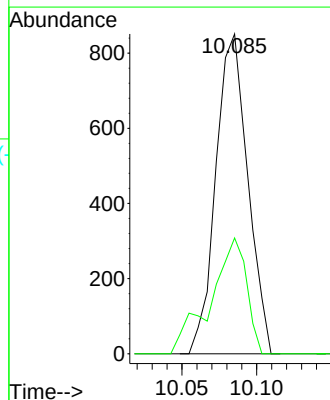
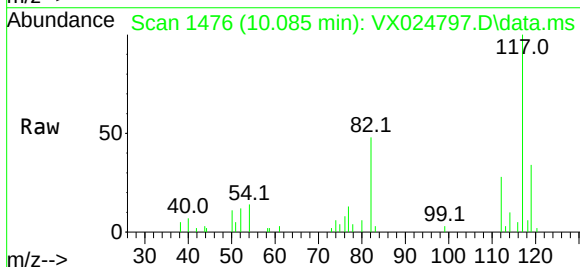
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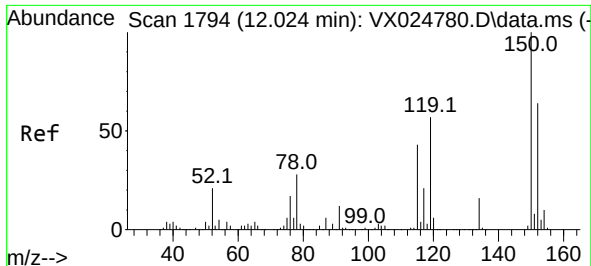
Tgt Ion:117 Resp: 212862  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.6 67.0  
119 31.0 24.8 37.2



#65  
Chlorobenzene  
Concen: 0.303 ug/l  
RT: 10.085 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VX024797.D  
Acq: 13 Oct 2021 20:45

Tgt Ion:112 Resp: 1263  
Ion Ratio Lower Upper  
112 100  
114 36.2 25.8 38.6

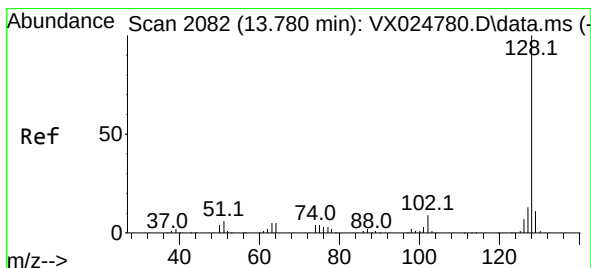
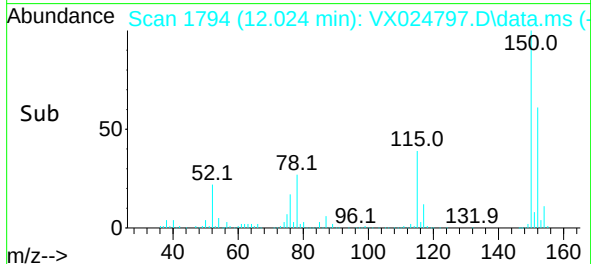
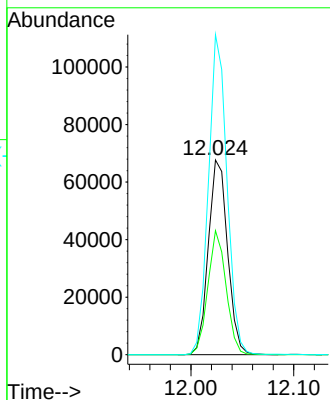
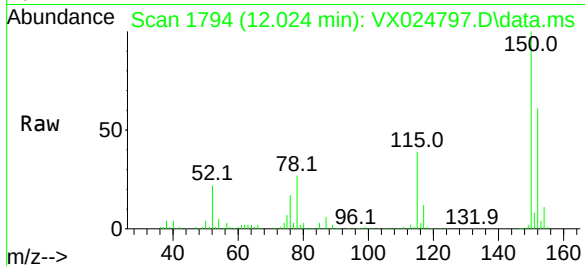




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. -0.000 min  
 Lab File: VX024797.D  
 Acq: 13 Oct 2021 20:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SW-RR-03-(SA)RE

Tgt Ion:152 Resp: 88073  
 Ion Ratio Lower Upper  
 152 100  
 115 60.5 43.3 129.8  
 150 158.2 0.0 351.2



#95  
 Naphthalene  
 Concen: 0.747 ug/l  
 RT: 13.780 min Scan# 2082  
 Delta R.T. -0.000 min  
 Lab File: VX024797.D  
 Acq: 13 Oct 2021 20:45

Tgt Ion:128 Resp: 3072  
 Ion Ratio Lower Upper  
 128 100  
 127 13.5 10.3 15.5  
 129 12.4 8.8 13.2

