

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101321\  
 Data File : VX024795.D  
 Acq On : 13 Oct 2021 19:58  
 Operator : JC/MD  
 Sample : M4169-07RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TRIP-BLANKRE

Quant Time: Oct 14 03:58:08 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  | 135834   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 239095   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 236038   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 103902   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 103557   | 62.028   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 124.060%# |
| 35) Dibromofluoromethane    | 5.397  | 113   | 81504    | 57.261   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 114.520%  |
| 50) Toluene-d8              | 8.653  | 98    | 292987   | 55.647   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 111.300%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 112100   | 54.134   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 108.260%  |

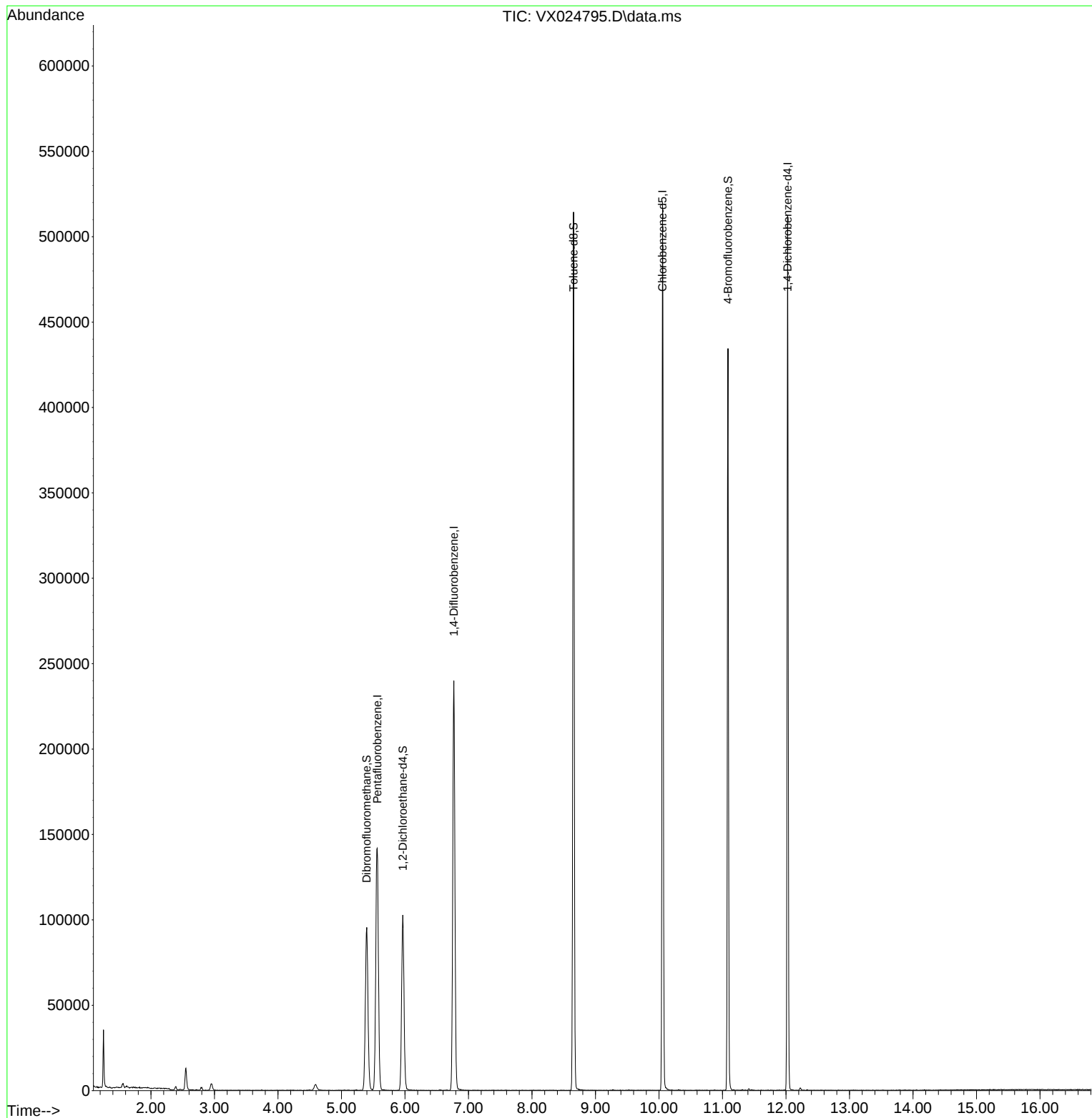
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

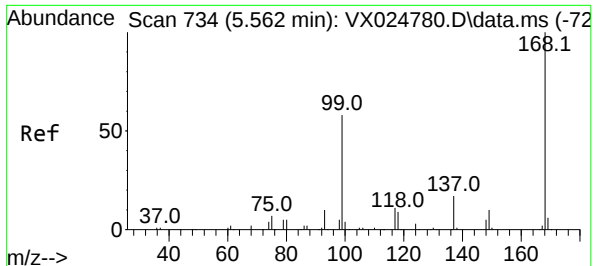
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Oct 14 03:51:38 2021  
Response via : Initial Calibration

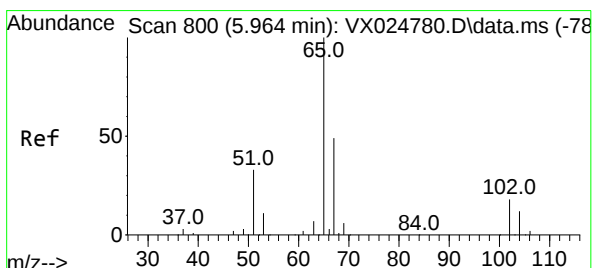
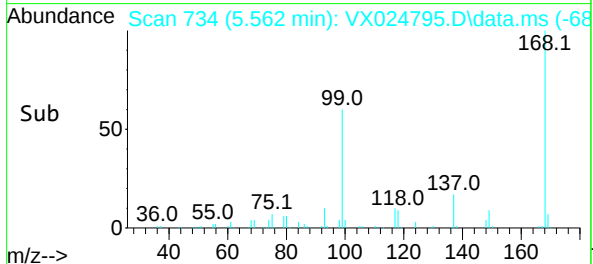
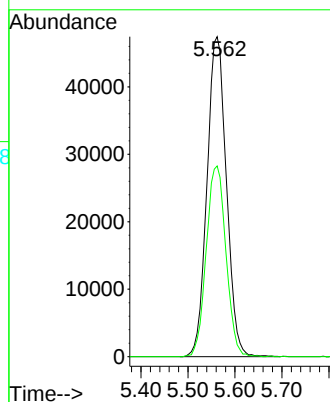
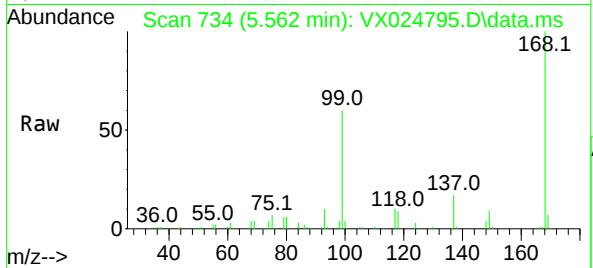




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX024795.D  
Acq: 13 Oct 2021 19:58

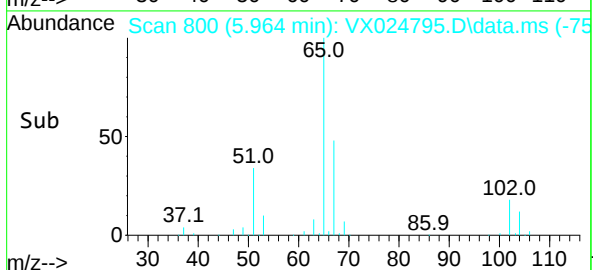
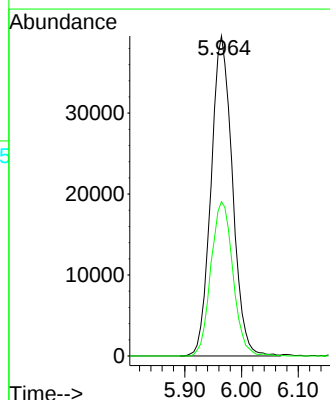
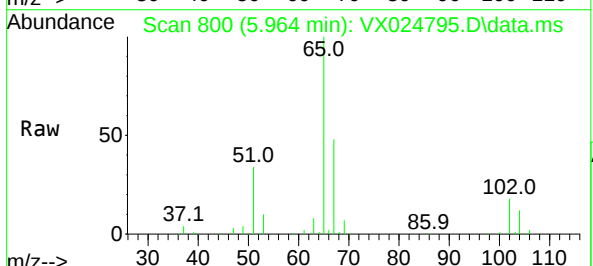
Instrument :  
MSVOA\_X  
ClientSampleId :  
TRIP-BLANKRE

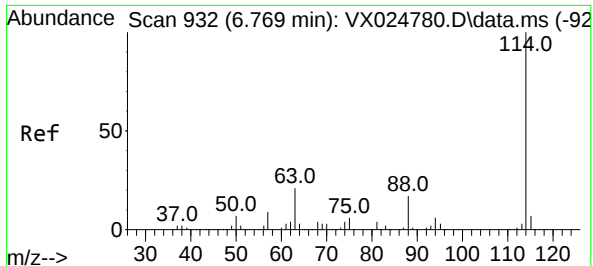
Tgt Ion:168 Resp: 135834  
Ion Ratio Lower Upper  
168 100  
99 59.6 46.4 69.6



#33  
1,2-Dichloroethane-d4  
Concen: 62.028 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX024795.D  
Acq: 13 Oct 2021 19:58

Tgt Ion: 65 Resp: 103557  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 101.0

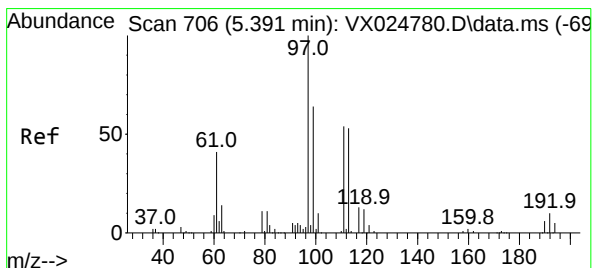
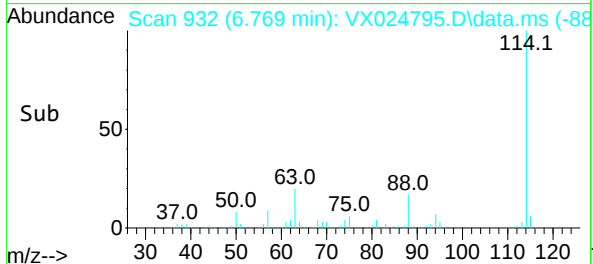
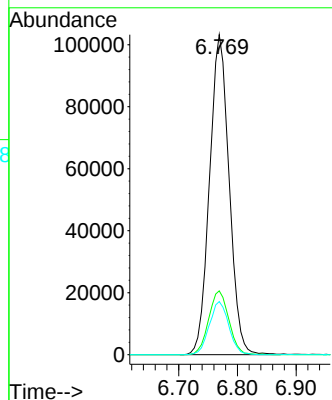
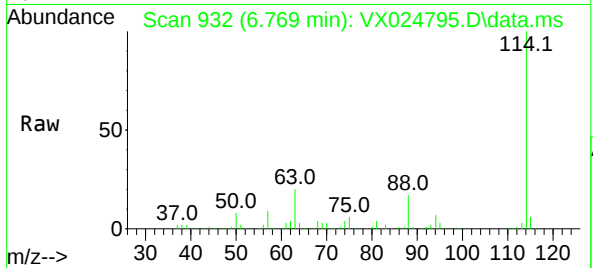




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024795.D  
Acq: 13 Oct 2021 19:58

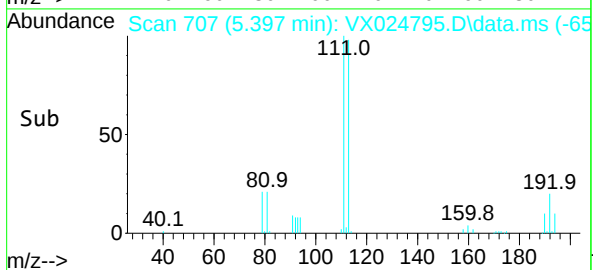
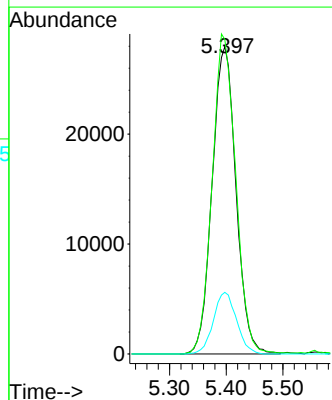
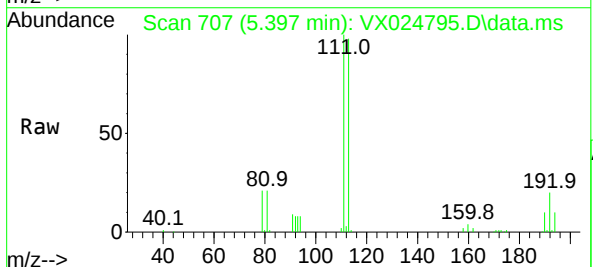
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ClientSampleId :  
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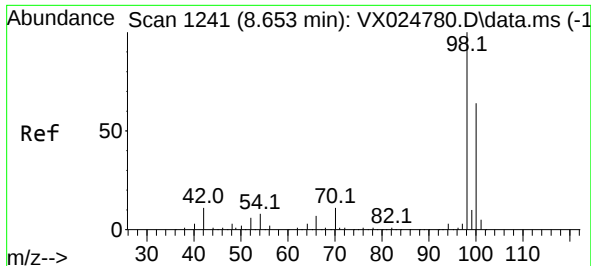
Tgt Ion:114 Resp: 239095  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 41.0  
88 16.6 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 57.261 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX024795.D  
Acq: 13 Oct 2021 19:58

Tgt Ion:113 Resp: 81504  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.1 123.1  
192 19.5 15.6 23.4

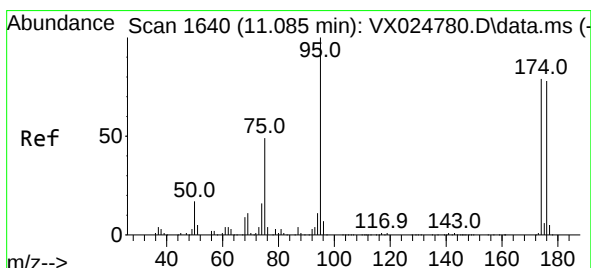
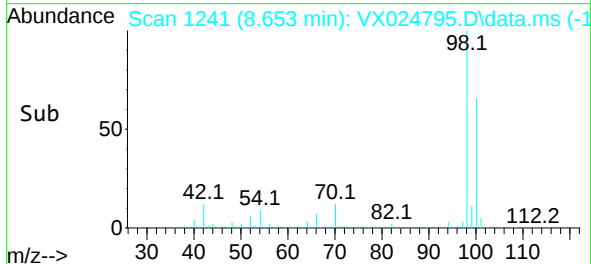
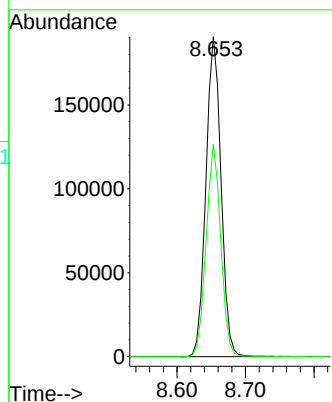
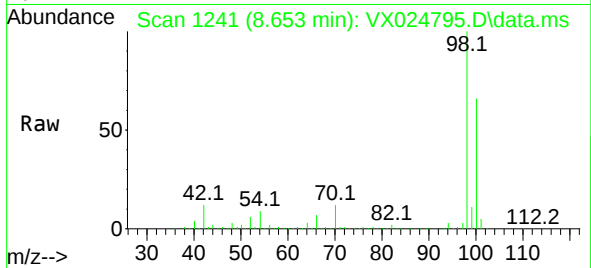




#50  
Toluene-d8  
Concen: 55.647 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX024795.D  
Acq: 13 Oct 2021 19:58

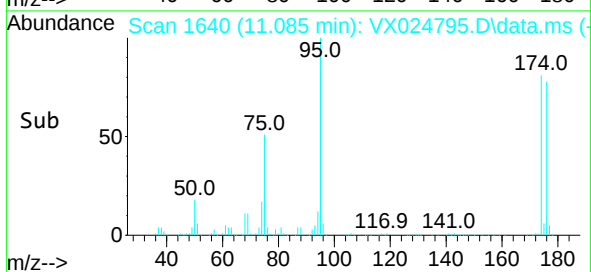
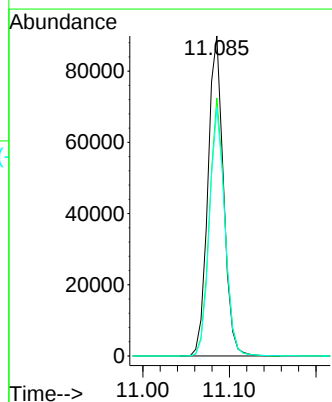
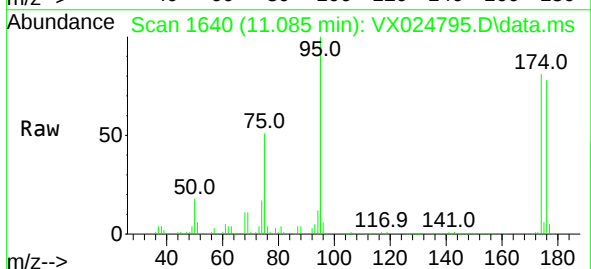
Instrument :  
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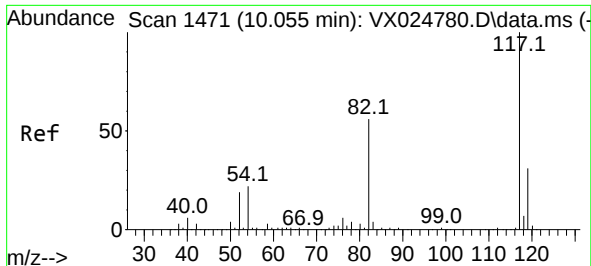
Tgt Ion: 98 Resp: 292987  
Ion Ratio Lower Upper  
98 100  
100 64.4 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 54.134 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024795.D  
Acq: 13 Oct 2021 19:58

Tgt Ion: 95 Resp: 112100  
Ion Ratio Lower Upper  
95 100  
174 79.2 0.0 158.0  
176 76.6 0.0 153.6

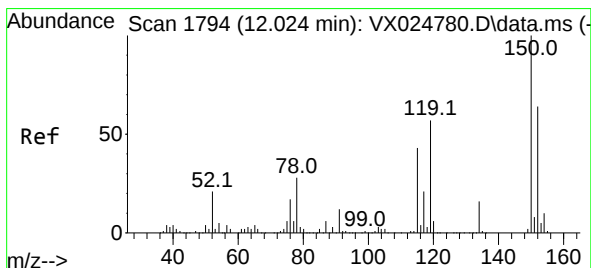
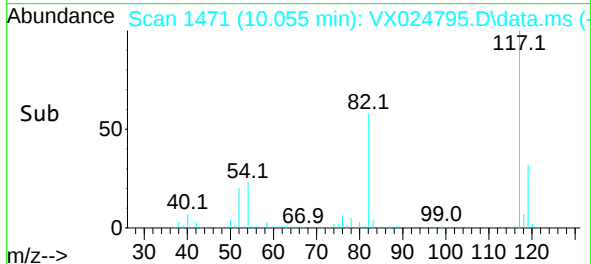
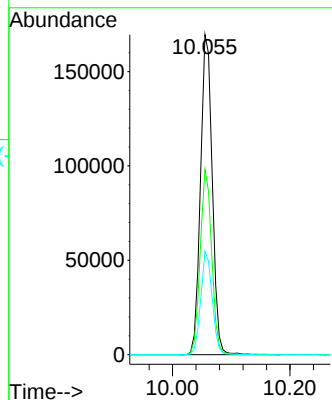
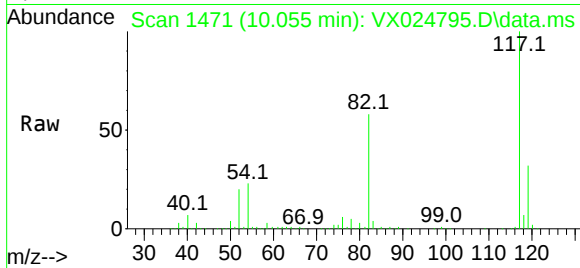




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX024795.D  
Acq: 13 Oct 2021 19:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
TRIP-BLANKRE

Tgt Ion:117 Resp: 236038  
Ion Ratio Lower Upper  
117 100  
82 57.8 44.6 67.0  
119 32.3 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX024795.D  
Acq: 13 Oct 2021 19:58

Tgt Ion:152 Resp: 103902  
Ion Ratio Lower Upper  
152 100  
115 60.2 43.3 129.8  
150 156.7 0.0 351.2

