

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110122\  
 Data File : VX032514.D  
 Acq On : 01 Nov 2022 15:35  
 Operator : JC/MD  
 Sample : N5390-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-WATER-REF-5

Quant Time: Nov 02 05:30:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 124736   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 207406   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 183124   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 85865    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 83857    | 48.383   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 96.760% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 68192    | 46.093   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 92.180% |
| 50) Toluene-d8              | 8.653  | 98    | 245609   | 47.743   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 95.480% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 93725    | 46.641   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 93.280% |

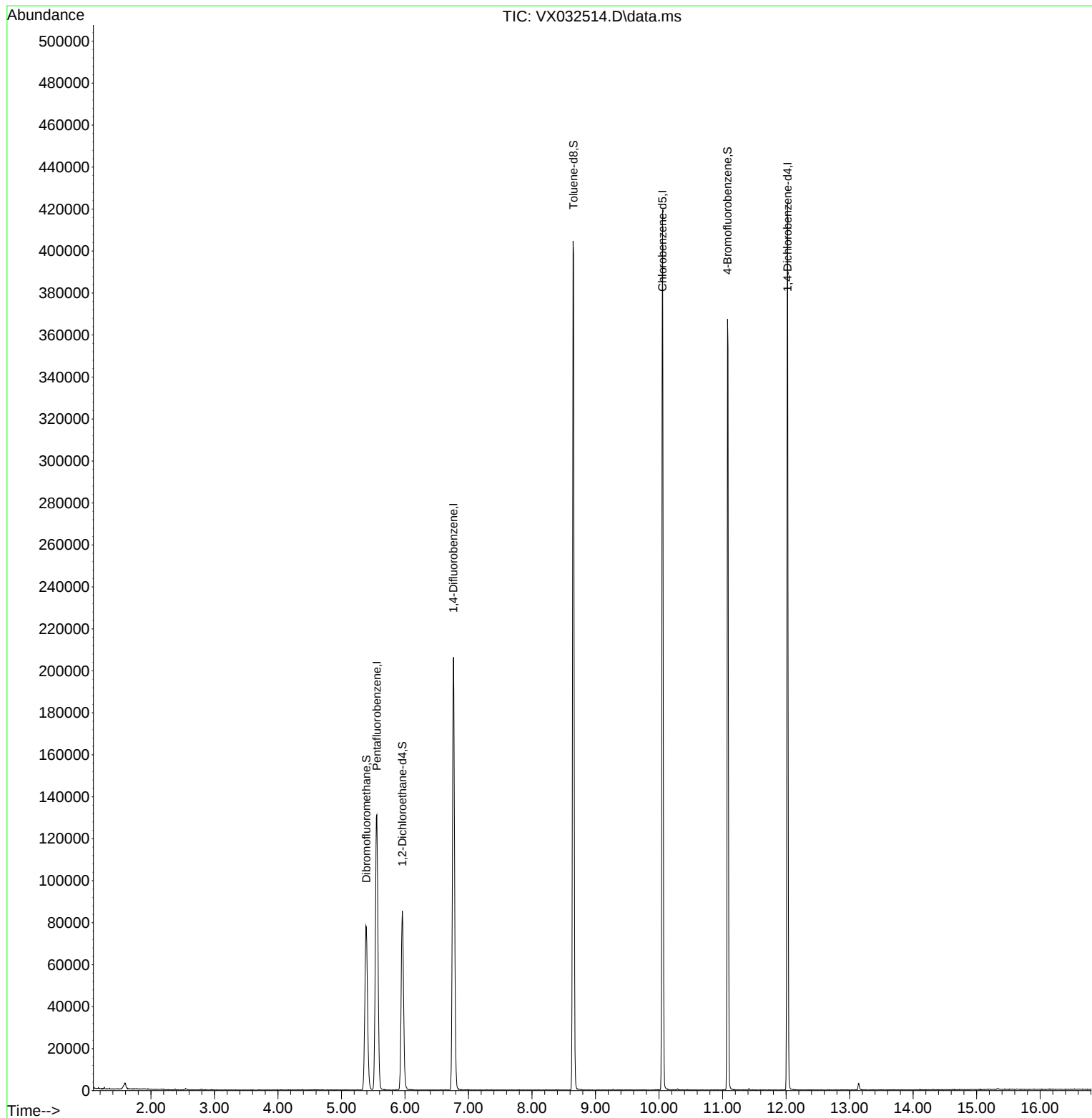
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Operator : JC/MD  
Sample : N5390-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Quant Time: Nov 02 05:30:55 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 08:28:06 2022  
Response via : Initial Calibration

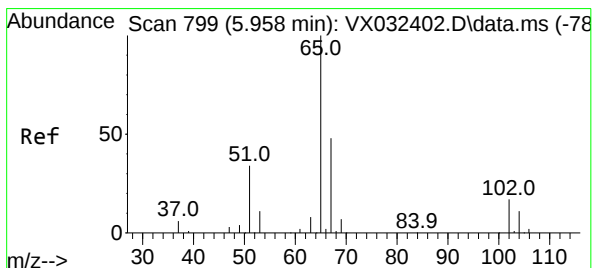
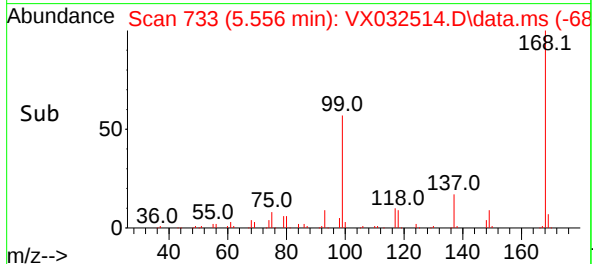
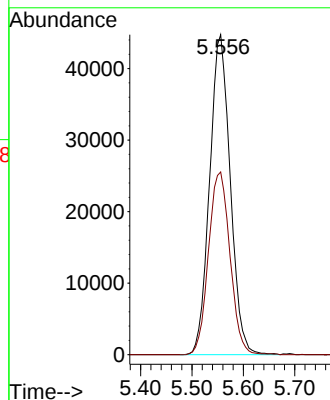
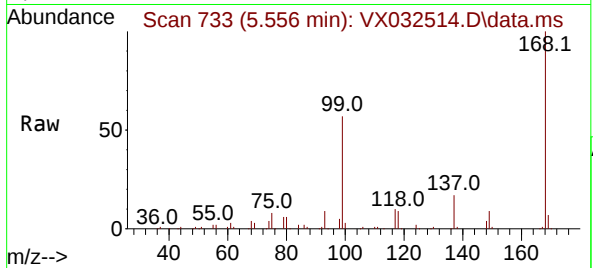




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX032514.D  
Acq: 01 Nov 2022 15:35

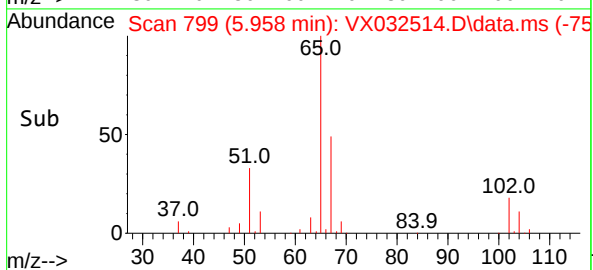
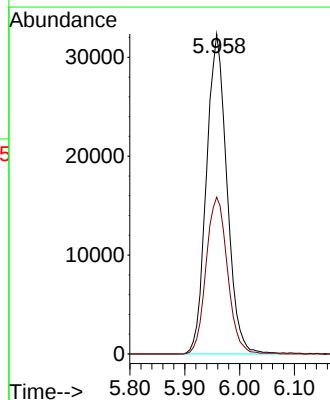
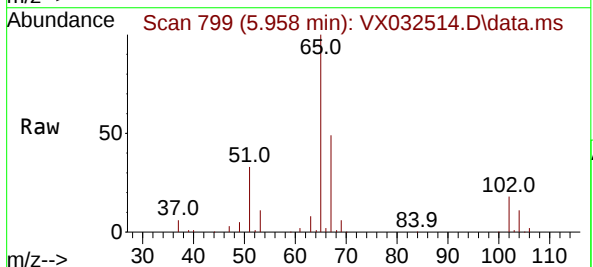
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 124736  
Ion Ratio Lower Upper  
168 100  
99 57.1 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 48.383 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX032514.D  
Acq: 01 Nov 2022 15:35

Tgt Ion: 65 Resp: 83857  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 101.8

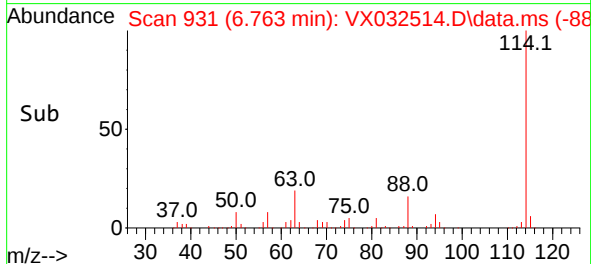
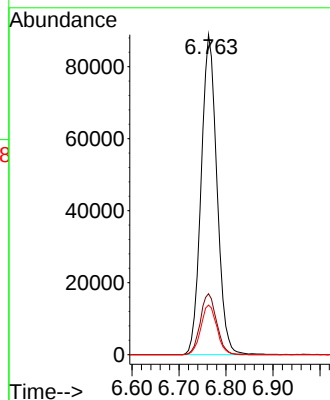
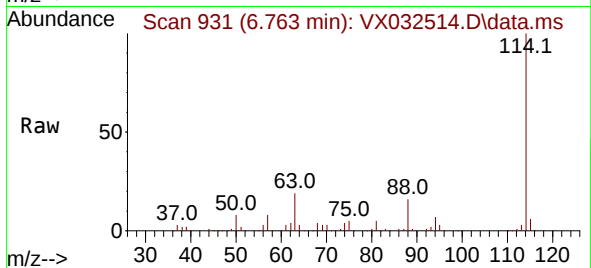




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX032514.D  
Acq: 01 Nov 2022 15:35

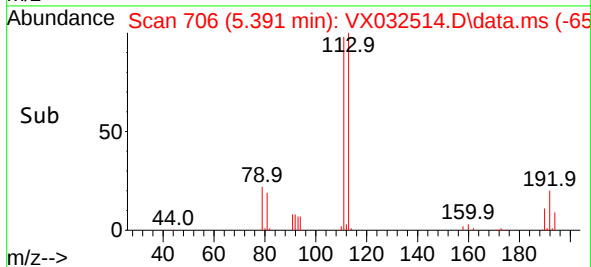
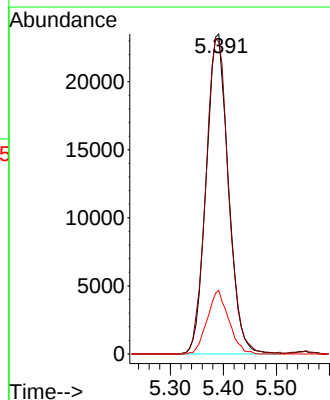
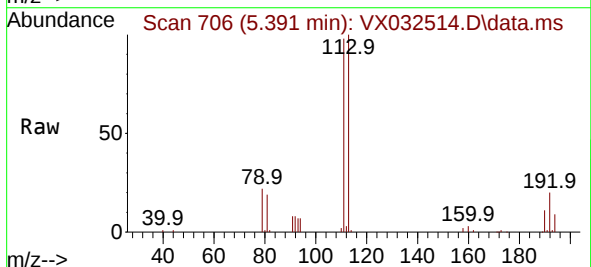
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

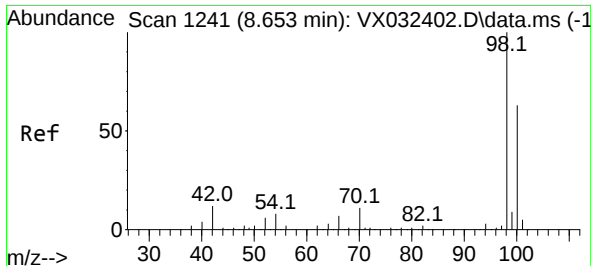
Tgt Ion:114 Resp: 207406  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 41.6  
88 15.5 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 46.093 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX032514.D  
Acq: 01 Nov 2022 15:35

Tgt Ion:113 Resp: 68192  
Ion Ratio Lower Upper  
113 100  
111 101.2 82.4 123.6  
192 19.2 15.4 23.2

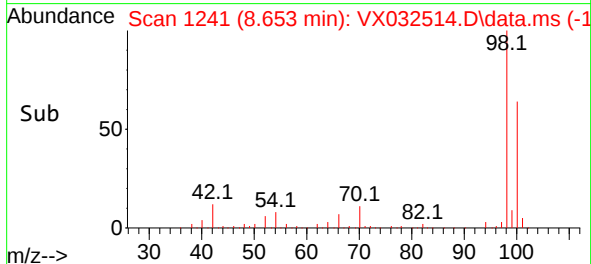
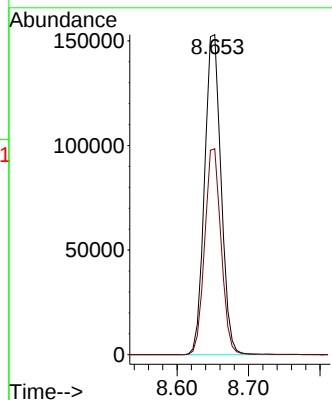
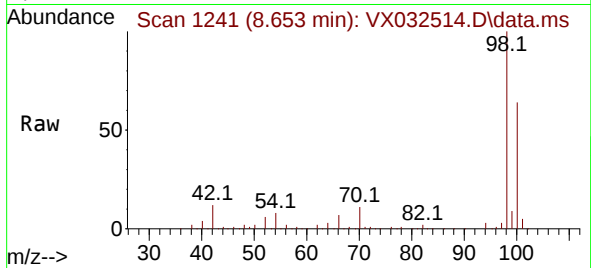




#50  
Toluene-d8  
Concen: 47.743 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX032514.D  
Acq: 01 Nov 2022 15:35

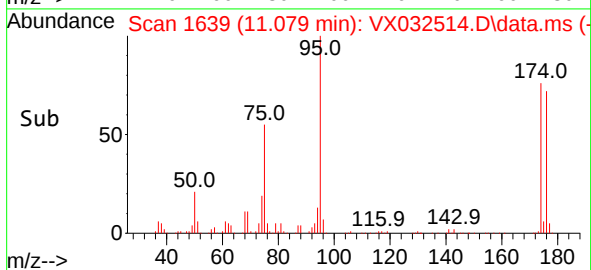
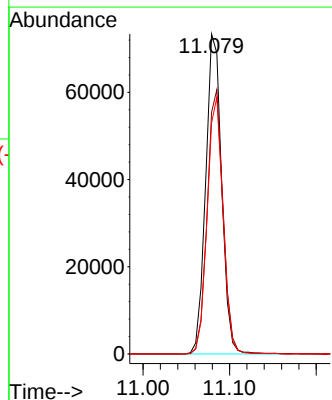
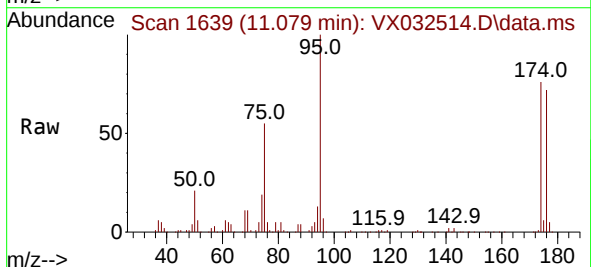
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

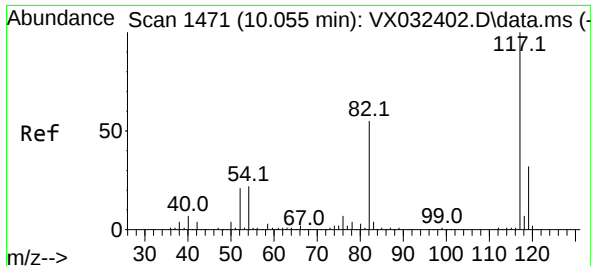
Tgt Ion: 98 Resp: 245609  
Ion Ratio Lower Upper  
98 100  
100 63.7 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 46.641 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX032514.D  
Acq: 01 Nov 2022 15:35

Tgt Ion: 95 Resp: 93725  
Ion Ratio Lower Upper  
95 100  
174 82.6 0.0 164.0  
176 79.6 0.0 154.4

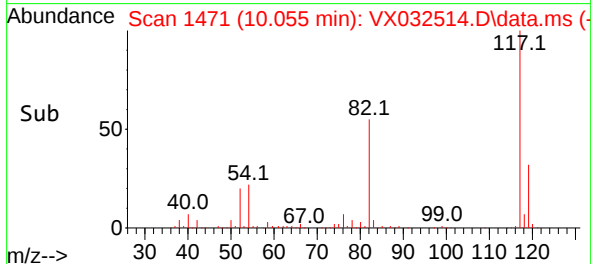
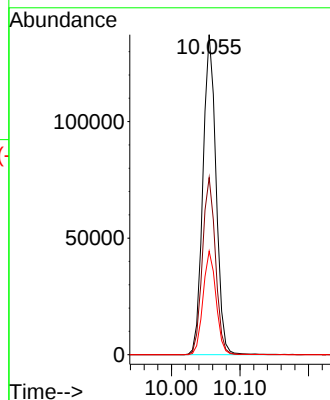
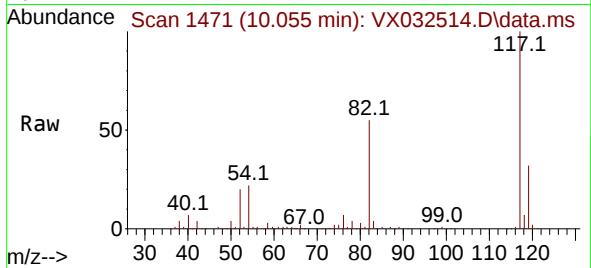




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX032514.D  
Acq: 01 Nov 2022 15:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 183124  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.3 66.5  
119 32.4 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX032514.D  
Acq: 01 Nov 2022 15:35

Tgt Ion:152 Resp: 85865  
Ion Ratio Lower Upper  
152 100  
115 59.0 44.0 132.0  
150 154.0 0.0 351.8

