

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110122\  
 Data File : VX032516.D  
 Acq On : 01 Nov 2022 16:21  
 Operator : JC/MD  
 Sample : N5390-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Nov 02 05:31:35 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   | 124627   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 205215   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 179309   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 82676    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 82483    | 47.632   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.260%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 65817    | 44.963   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 89.920%  |
| 50) Toluene-d8              | 8.653  | 98    | 240825   | 47.313   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 94.620%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 90825    | 45.680   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 91.360%  |

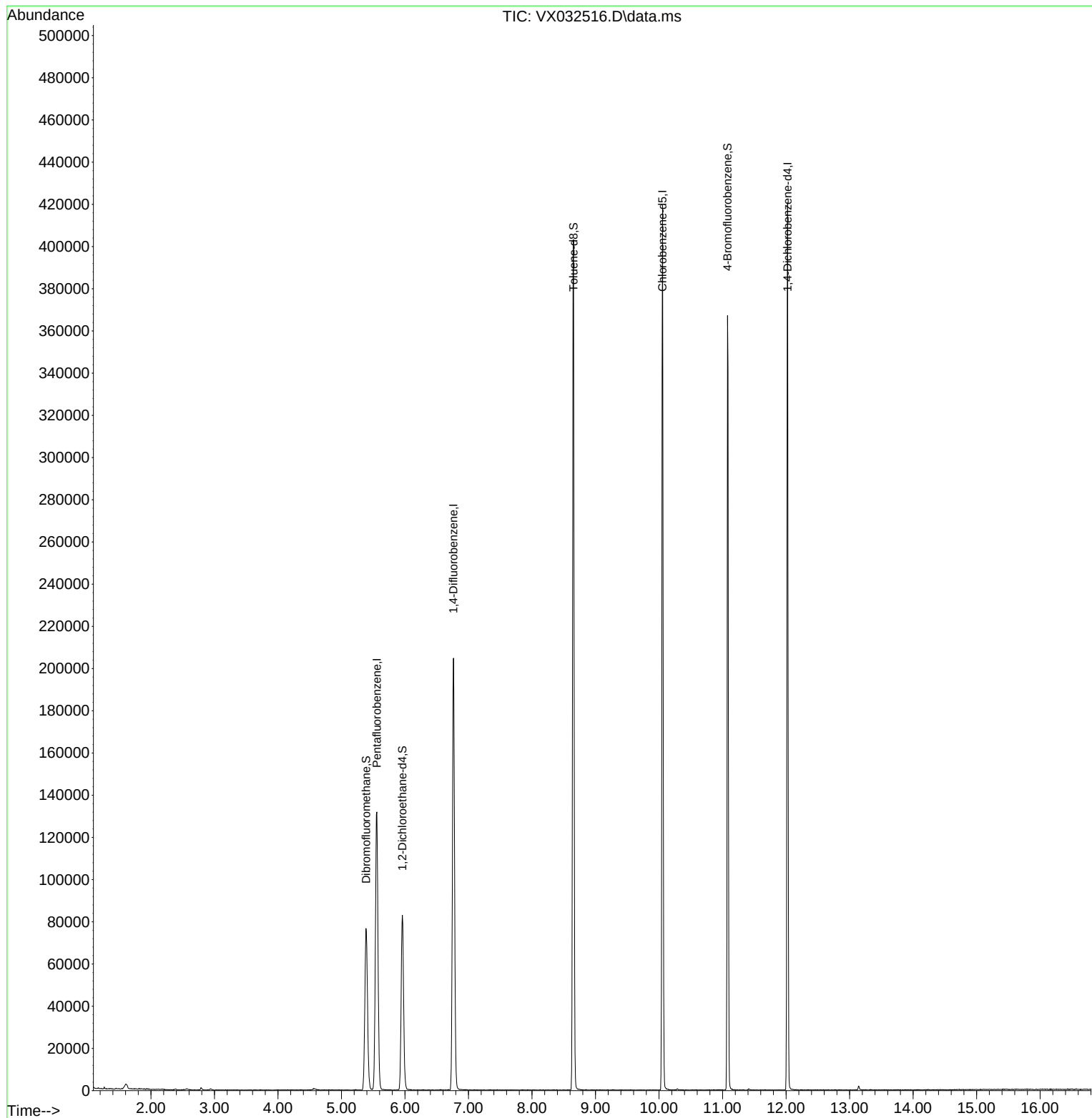
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

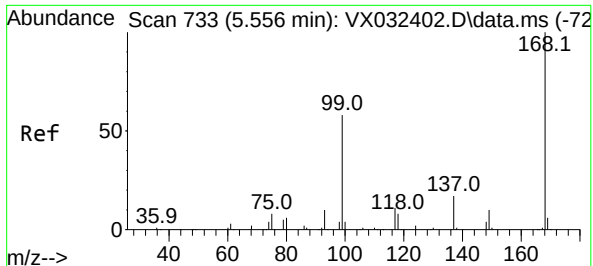
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

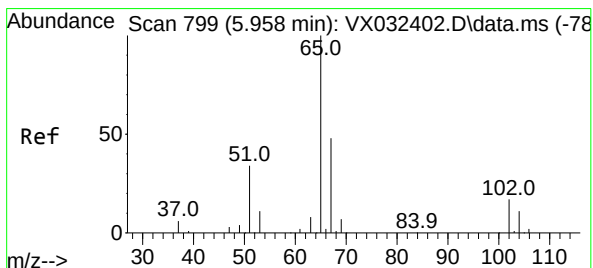
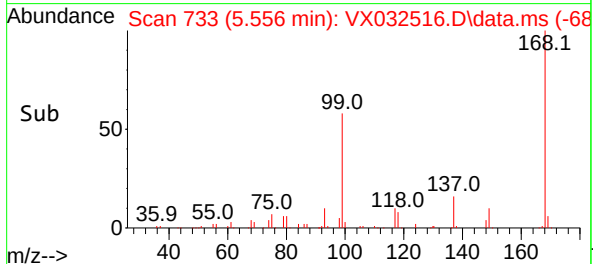
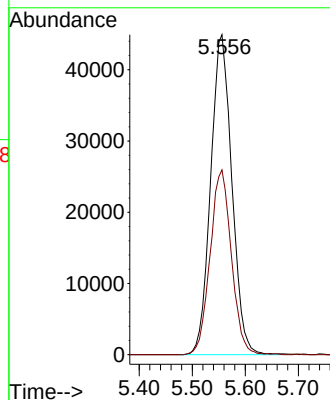
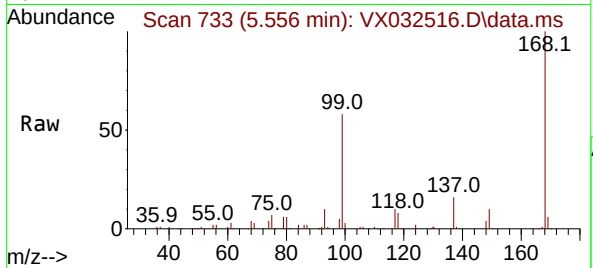




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX032516.D  
Acq: 01 Nov 2022 16:21

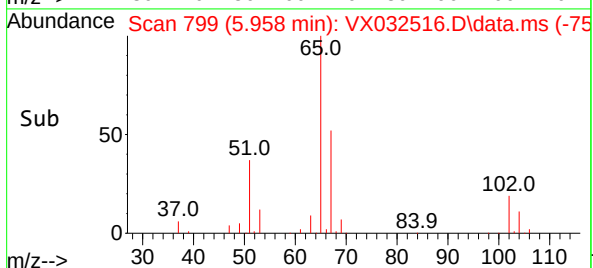
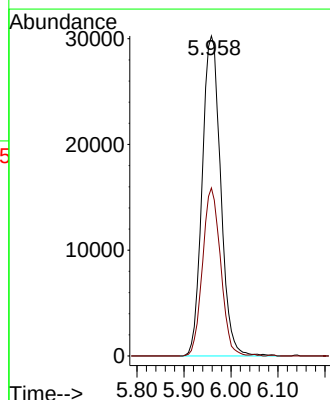
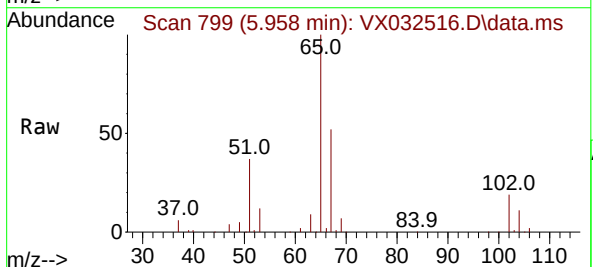
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

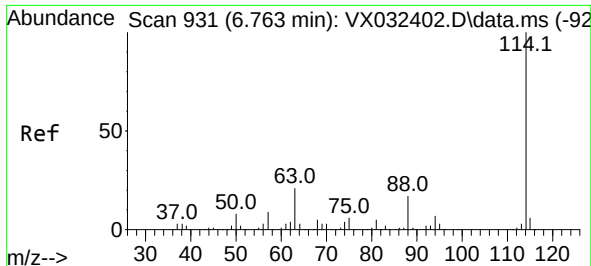
Tgt Ion:168 Resp: 124627  
Ion Ratio Lower Upper  
168 100  
99 57.8 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 47.632 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX032516.D  
Acq: 01 Nov 2022 16:21

Tgt Ion: 65 Resp: 82483  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 101.8

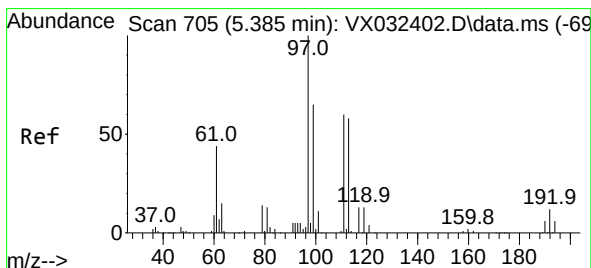
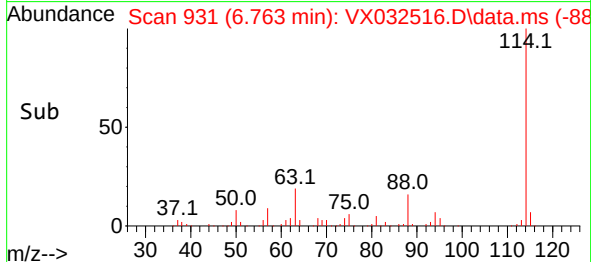
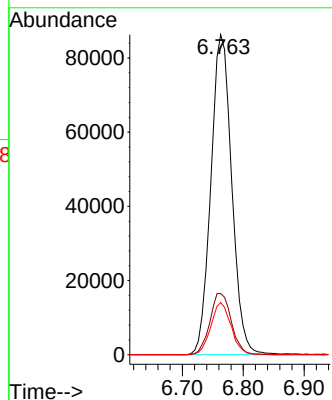
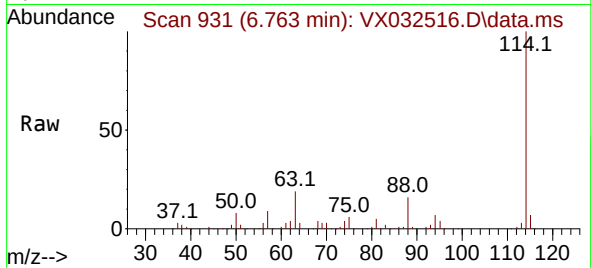




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX032516.D  
Acq: 01 Nov 2022 16:21

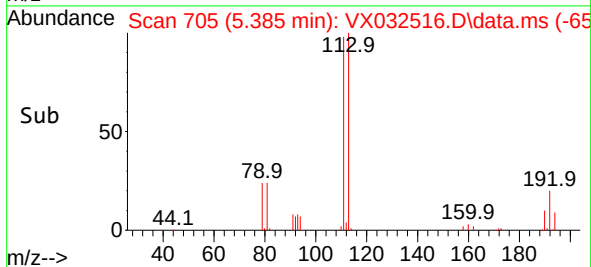
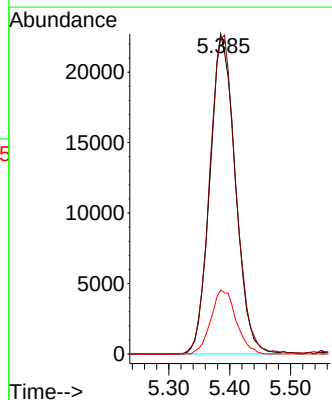
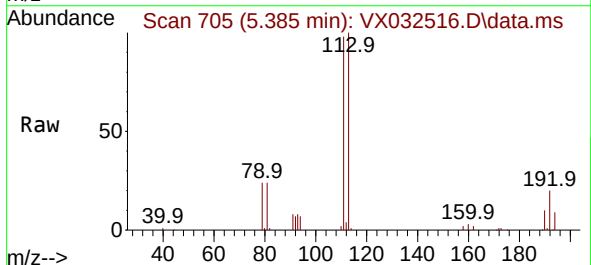
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ClientSampleId :  
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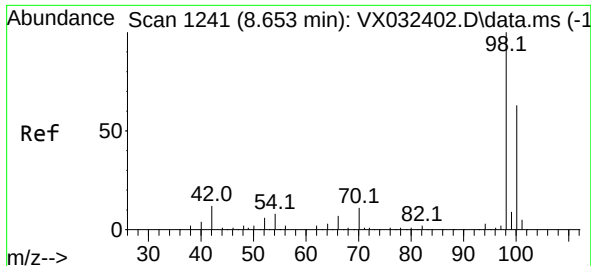
Tgt Ion:114 Resp: 205215  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 41.6  
88 16.3 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 44.963 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX032516.D  
Acq: 01 Nov 2022 16:21

Tgt Ion:113 Resp: 65817  
Ion Ratio Lower Upper  
113 100  
111 102.0 82.4 123.6  
192 19.8 15.4 23.2

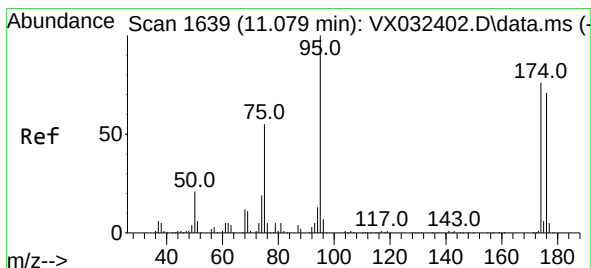
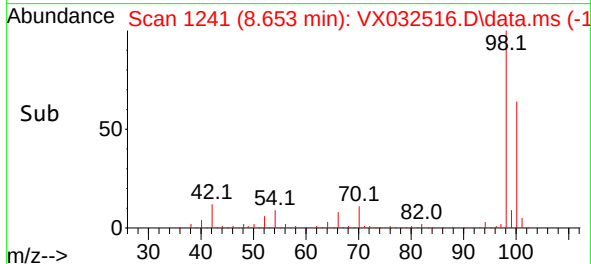
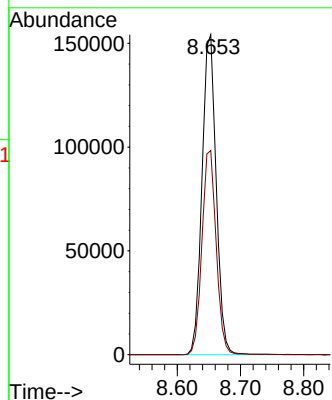
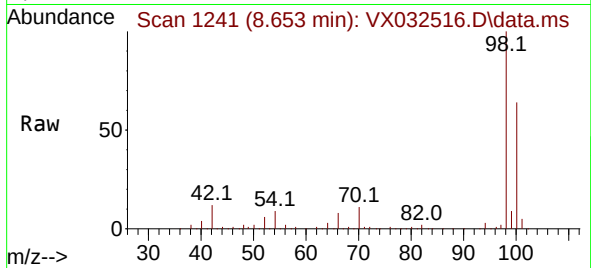




#50  
Toluene-d8  
Concen: 47.313 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX032516.D  
Acq: 01 Nov 2022 16:21

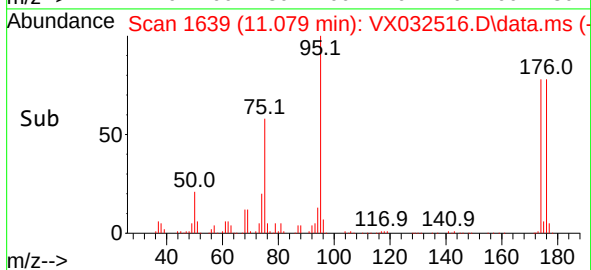
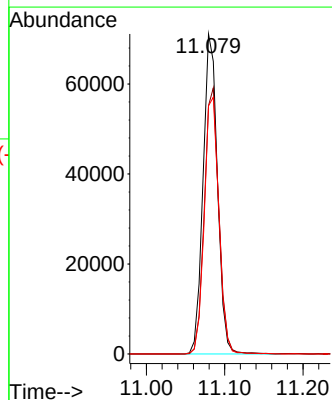
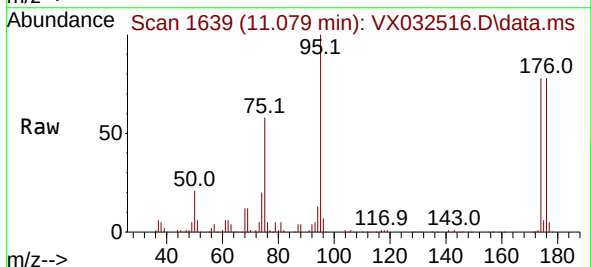
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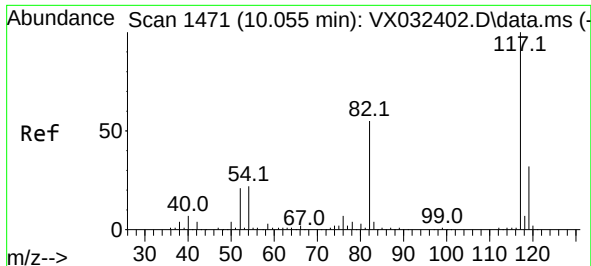
Tgt Ion: 98 Resp: 240825  
Ion Ratio Lower Upper  
98 100  
100 64.3 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 45.680 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032516.D  
Acq: 01 Nov 2022 16:21

Tgt Ion: 95 Resp: 90825  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 164.0  
176 81.6 0.0 154.4

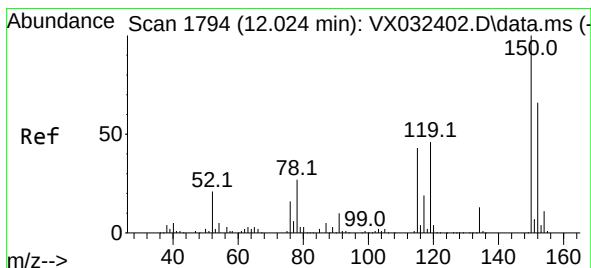
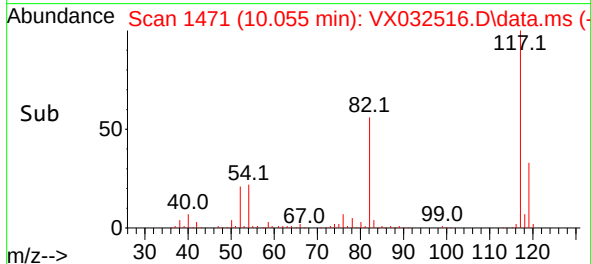
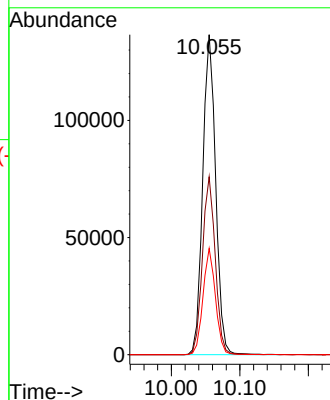
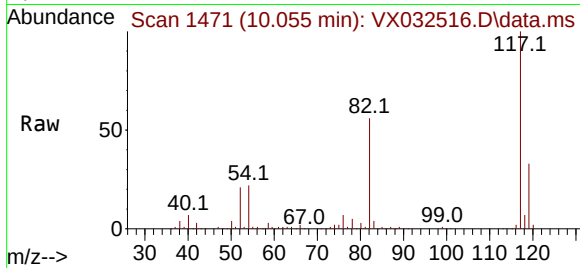




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032516.D  
Acq: 01 Nov 2022 16:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 179309  
Ion Ratio Lower Upper  
117 100  
82 55.6 44.3 66.5  
119 33.2 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: VX032516.D  
Acq: 01 Nov 2022 16:21

Tgt Ion:152 Resp: 82676  
Ion Ratio Lower Upper  
152 100  
115 60.9 44.0 132.0  
150 158.4 0.0 351.8

