

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101124\  
 Data File : VX043362.D  
 Acq On : 11 Oct 2024 12:54  
 Operator : JC/MD  
 Sample : P4388-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Storage-Blank-SOIL-REF-6

Quant Time: Oct 14 02:46:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 66810    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 124774   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 107600   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 45341    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 58651    | 53.754   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 107.500% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 41381    | 48.090   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 96.180%  |
| 50) Toluene-d8              | 8.647  | 98    | 146437   | 49.107   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 98.220%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 53251    | 49.154   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =     | 98.300%  |

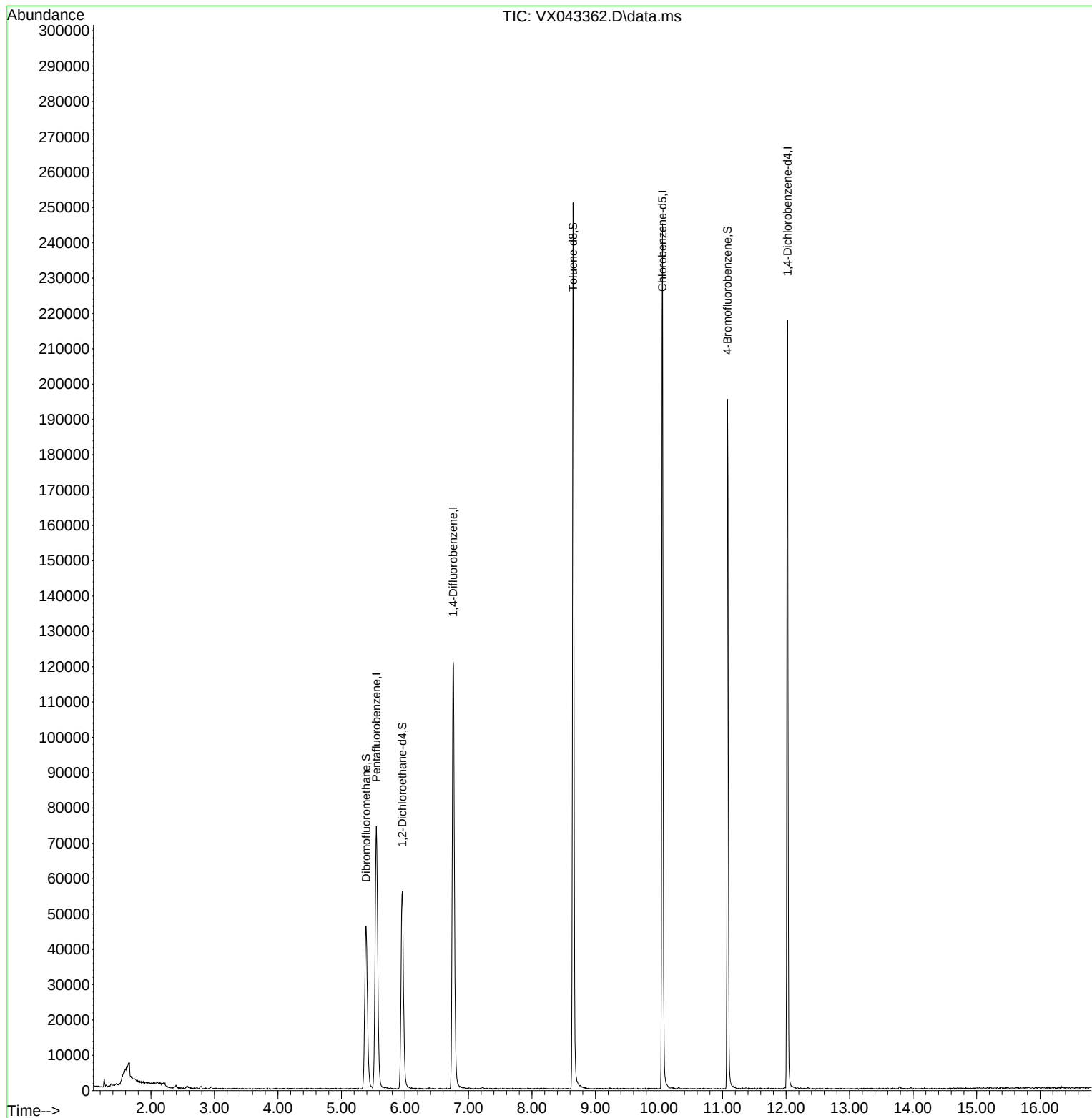
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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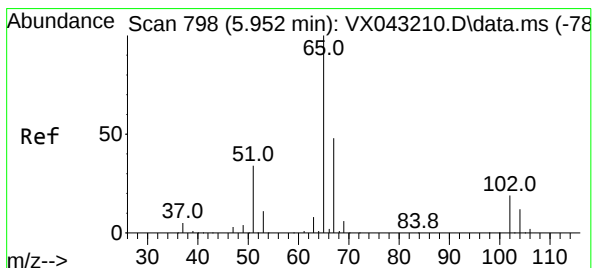
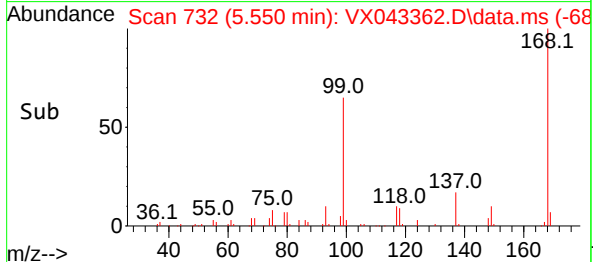
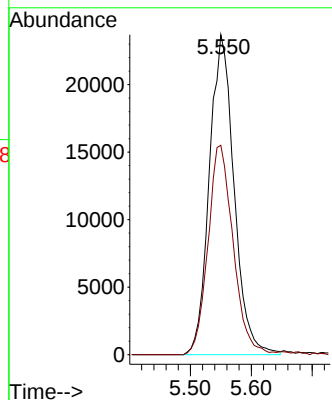
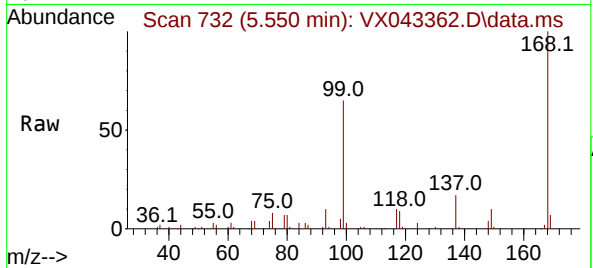




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX043362.D  
Acq: 11 Oct 2024 12:54

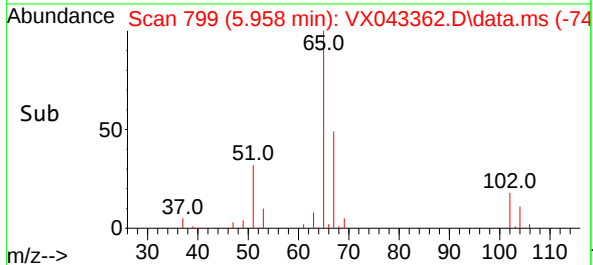
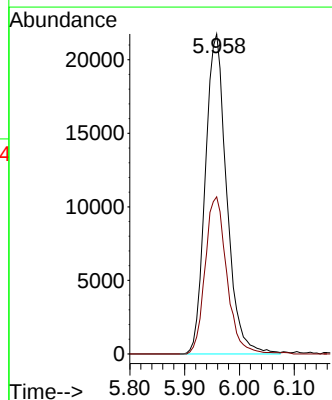
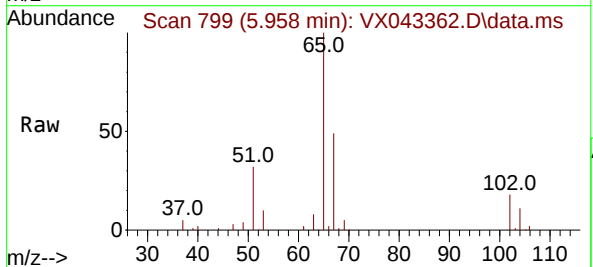
Instrument :  
MSVOA\_X  
ClientSampleId :  
Storage-Blank-SOIL-REF-6

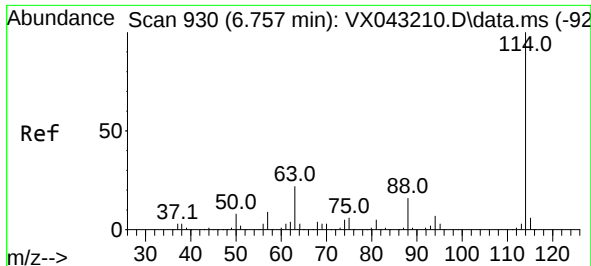
Tgt Ion:168 Resp: 66810  
Ion Ratio Lower Upper  
168 100  
99 65.5 49.7 74.5



#33  
1,2-Dichloroethane-d4  
Concen: 53.754 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX043362.D  
Acq: 11 Oct 2024 12:54

Tgt Ion: 65 Resp: 58651  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 99.0

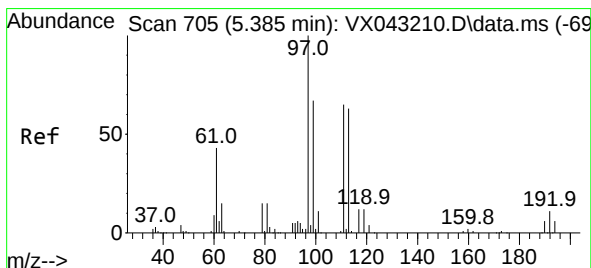
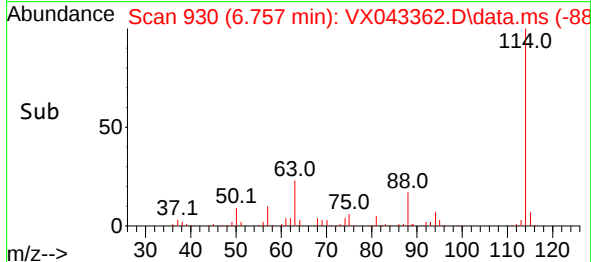
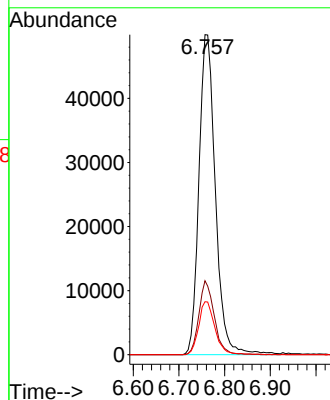
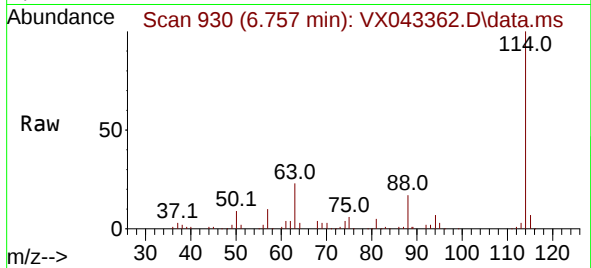




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX043362.D  
Acq: 11 Oct 2024 12:54

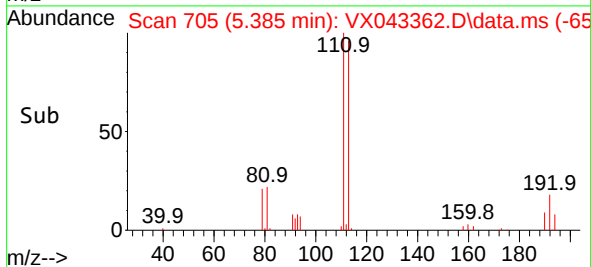
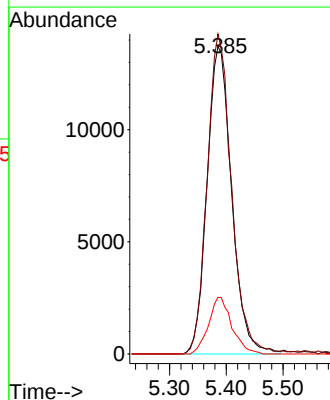
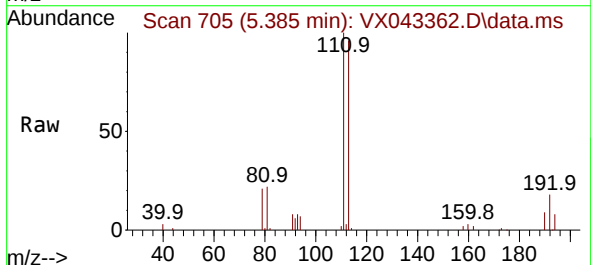
Instrument :  
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ClientSampleId :  
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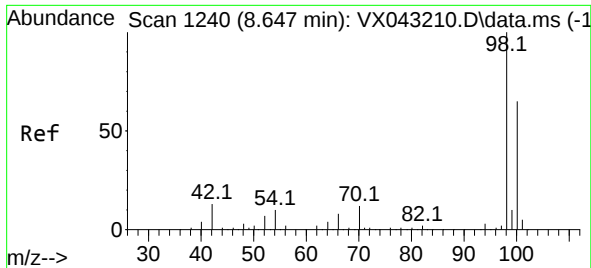
Tgt Ion:114 Resp: 124774  
Ion Ratio Lower Upper  
114 100  
63 23.1 0.0 43.0  
88 16.6 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 48.090 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX043362.D  
Acq: 11 Oct 2024 12:54

Tgt Ion:113 Resp: 41381  
Ion Ratio Lower Upper  
113 100  
111 102.8 83.4 125.0  
192 17.4 14.1 21.1

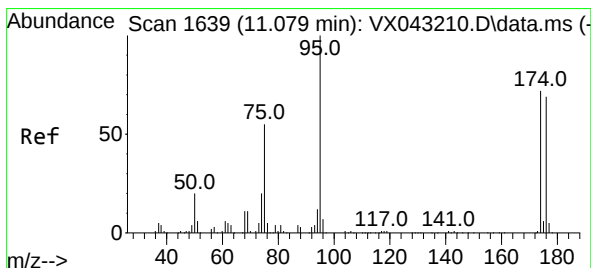
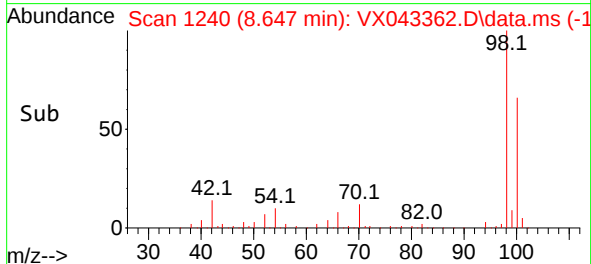
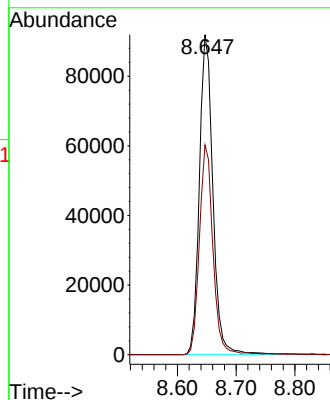
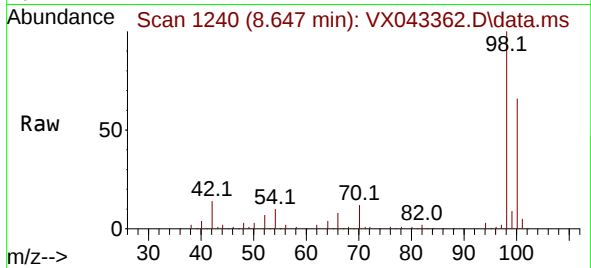




#50  
Toluene-d8  
Concen: 49.107 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043362.D  
Acq: 11 Oct 2024 12:54

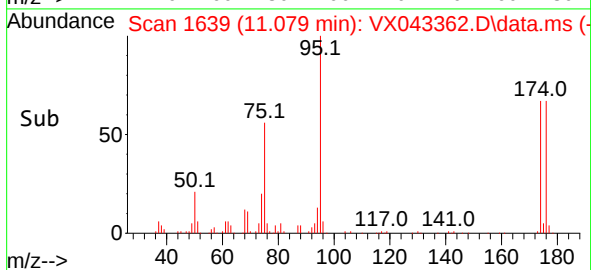
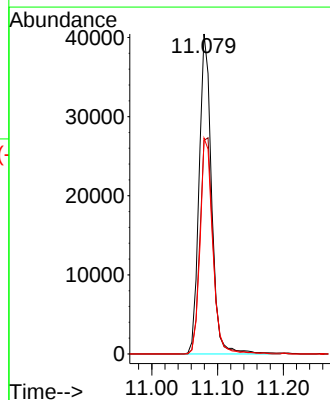
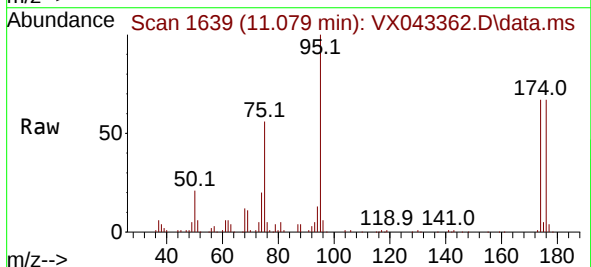
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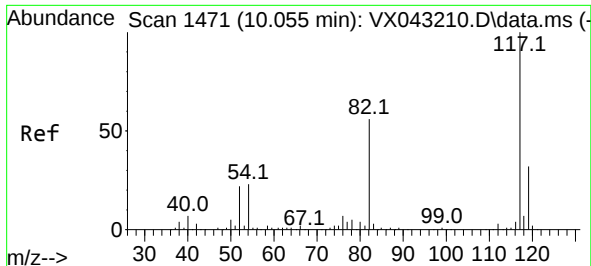
Tgt Ion: 98 Resp: 146437  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.4 78.6



#62  
4-Bromofluorobenzene  
Concen: 49.154 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043362.D  
Acq: 11 Oct 2024 12:54

Tgt Ion: 95 Resp: 53251  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 145.0  
176 68.3 0.0 143.0

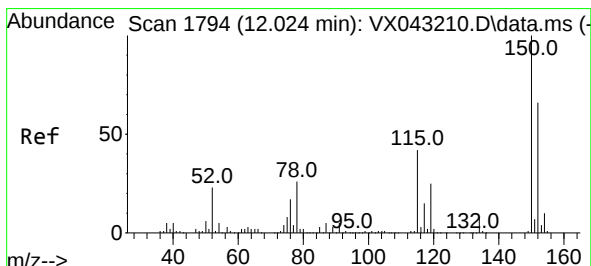
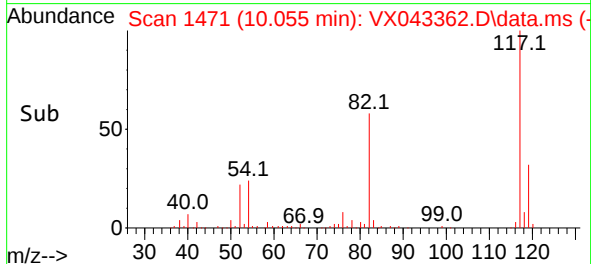
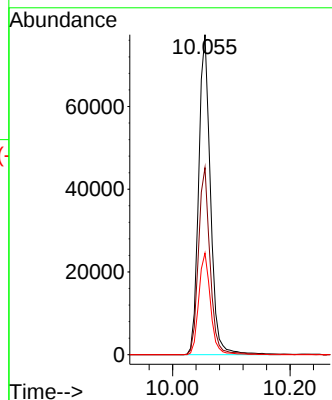
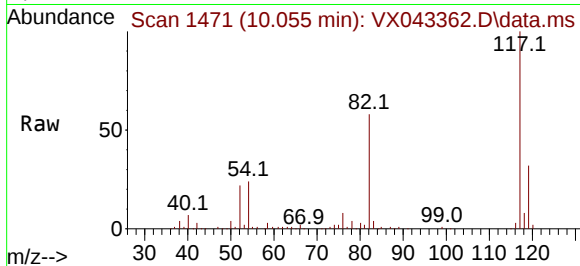




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043362.D  
Acq: 11 Oct 2024 12:54

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MSVOA\_X  
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Tgt Ion:117 Resp: 107600  
Ion Ratio Lower Upper  
117 100  
82 58.5 45.0 67.6  
119 31.8 25.3 37.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX043362.D  
Acq: 11 Oct 2024 12:54

Tgt Ion:152 Resp: 45341  
Ion Ratio Lower Upper  
152 100  
115 62.7 44.1 132.3  
150 155.4 0.0 347.4

