

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100423\  
 Data File : VX038066.D  
 Acq On : 04 Oct 2023 15:34  
 Operator : JC/MD  
 Sample : 04656-19  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-101I

Quant Time: Oct 05 01:03:12 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100323W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 04 09:08:35 2023  
 Response via : Initial Calibration

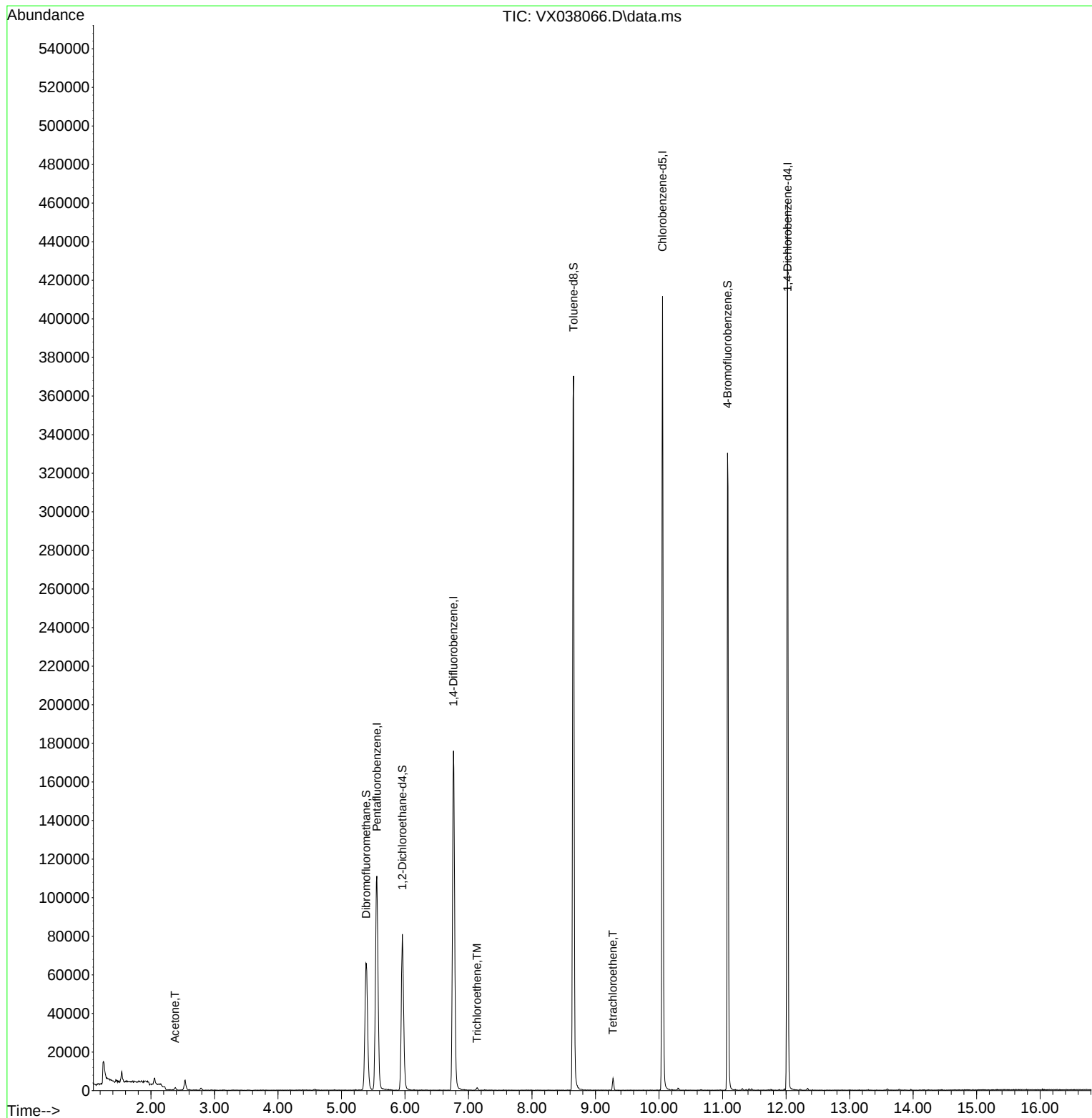
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 103000   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 178688   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 176595   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 91752    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 73342    | 45.763   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 91.520%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 57128    | 46.602   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.200%  |
| 50) Toluene-d8              | 8.653  | 98    | 225400   | 48.045   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 96.100%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 82966    | 48.592   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 97.180%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 1410     | 2.003    | ug/l   | 94       |
| 44) Trichloroethene         | 7.135  | 130   | 482      | 0.350    | ug/l   | 92       |
| 64) Tetrachloroethene       | 9.275  | 164   | 983      | 0.837    | ug/l   | 87       |
| -----                       |        |       |          |          |        |          |

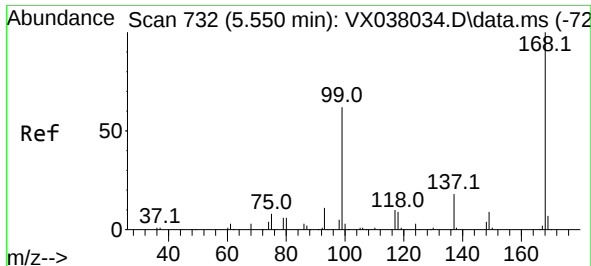
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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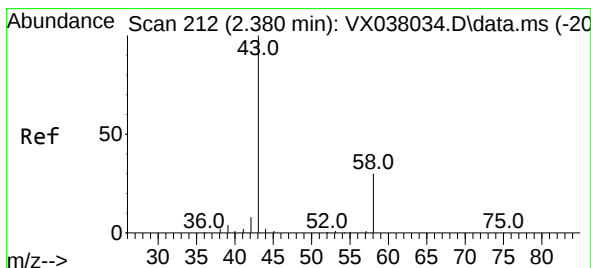
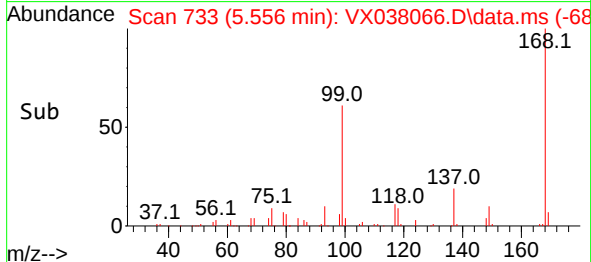
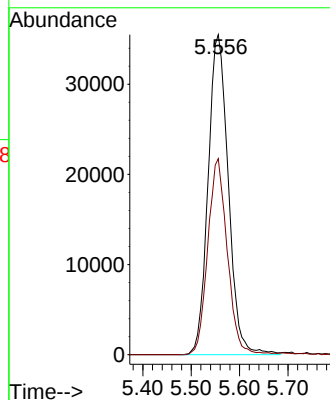
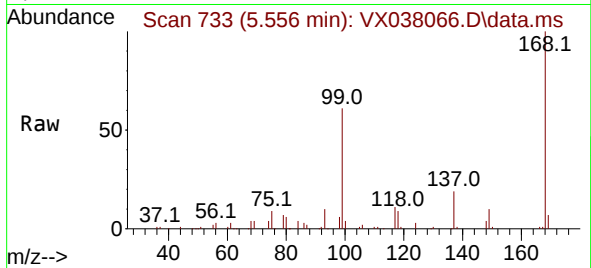




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX038066.D  
Acq: 04 Oct 2023 15:34

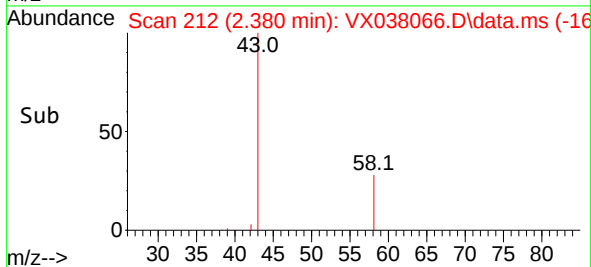
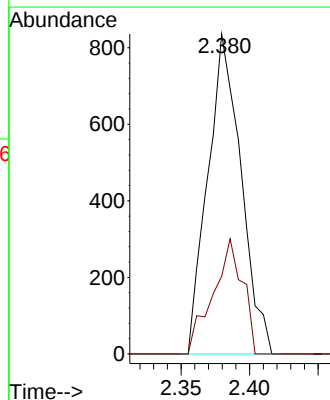
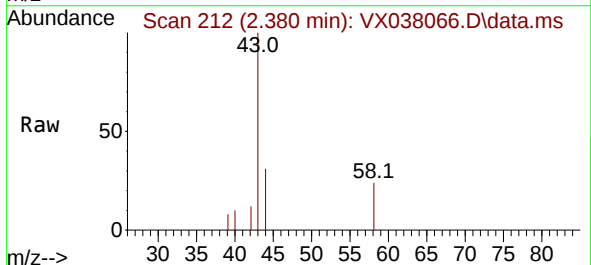
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-101I

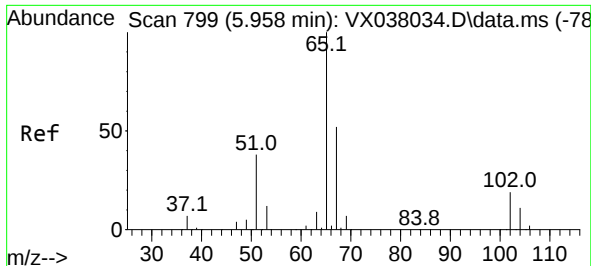
Tgt Ion:168 Resp: 103000  
Ion Ratio Lower Upper  
168 100  
99 61.3 56.6 85.0



#16  
Acetone  
Concen: 2.003 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX038066.D  
Acq: 04 Oct 2023 15:34

Tgt Ion: 43 Resp: 1410  
Ion Ratio Lower Upper  
43 100  
58 24.3 21.9 32.9

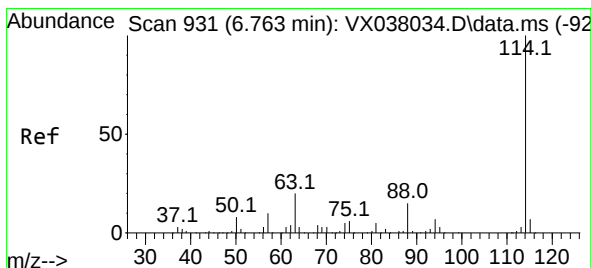
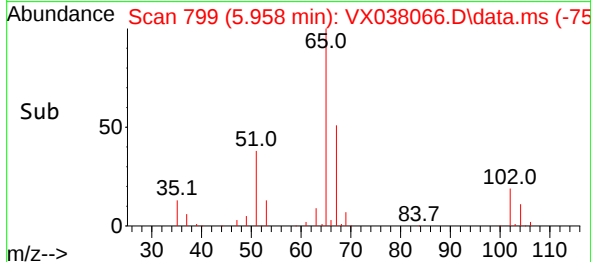
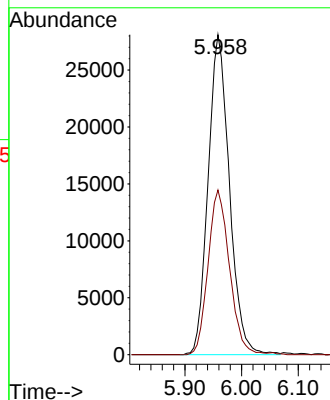
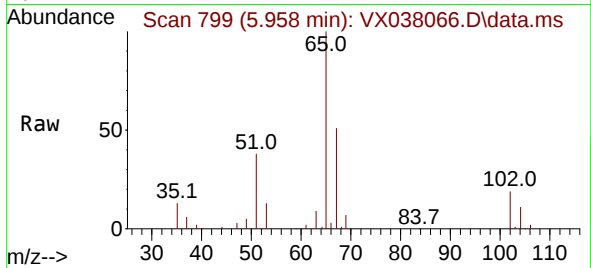




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.763 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX038066.D  
 Acq: 04 Oct 2023 15:34

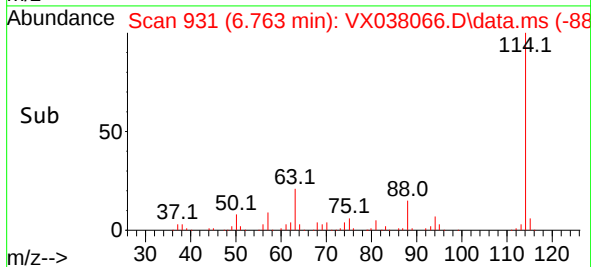
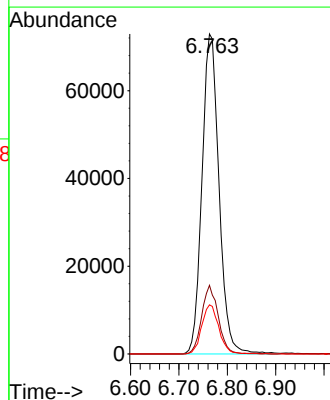
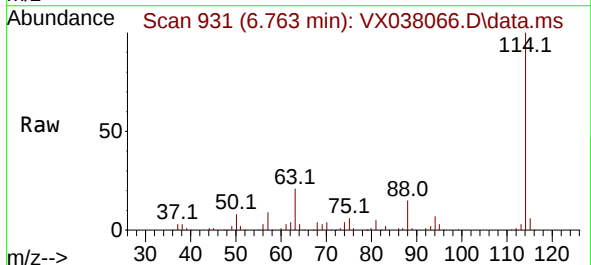
Instrument :  
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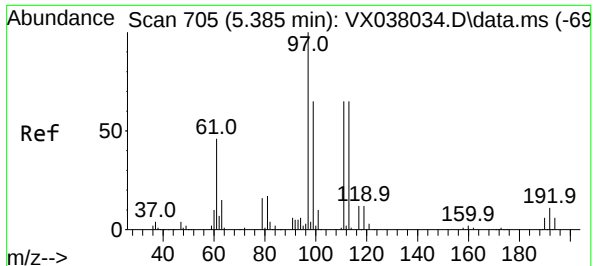
Tgt Ion: 65 Resp: 73342  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. -0.000 min  
 Lab File: VX038066.D  
 Acq: 04 Oct 2023 15:34

Tgt Ion: 114 Resp: 178688  
 Ion Ratio Lower Upper  
 114 100  
 63 21.4 0.0 45.0  
 88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.602 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038066.D

Acq: 04 Oct 2023 15:34

Instrument :

MSVOA\_X

ClientSampleId :

MW-101I

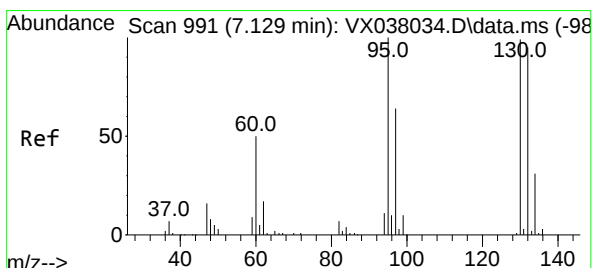
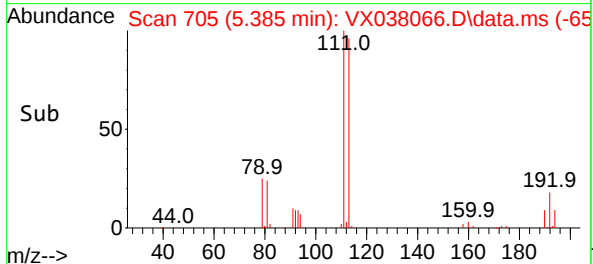
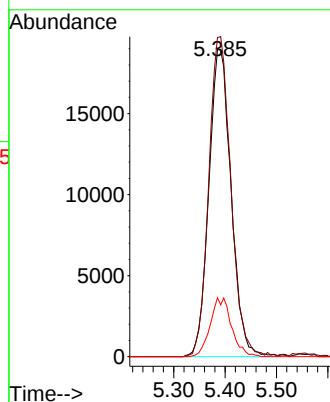
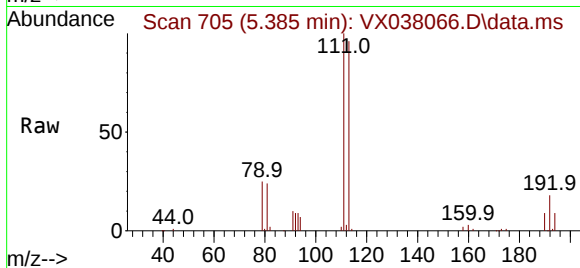
Tgt Ion:113 Resp: 57128

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 18.4 13.3 19.9



#44

Trichloroethene

Concen: 0.350 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX038066.D

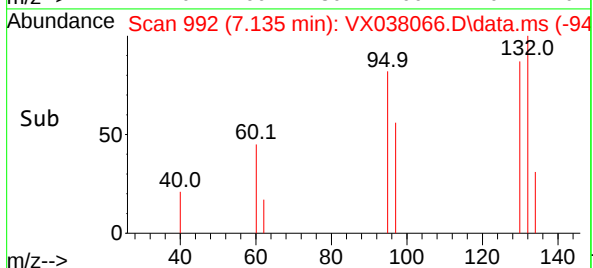
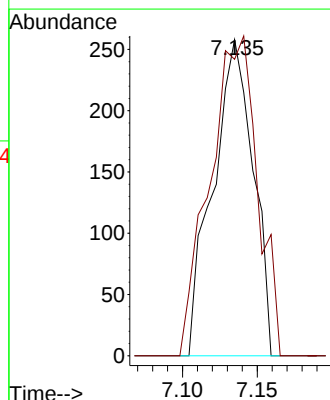
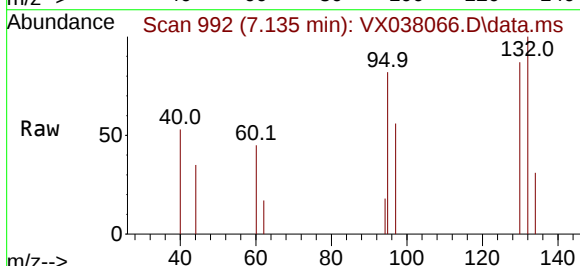
Acq: 04 Oct 2023 15:34

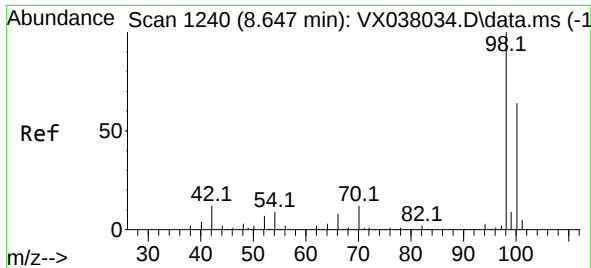
Tgt Ion:130 Resp: 482

Ion Ratio Lower Upper

130 100

95 93.8 0.0 204.4

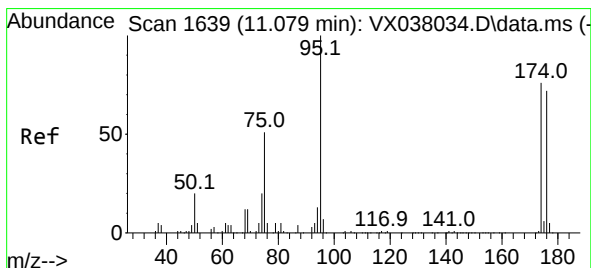
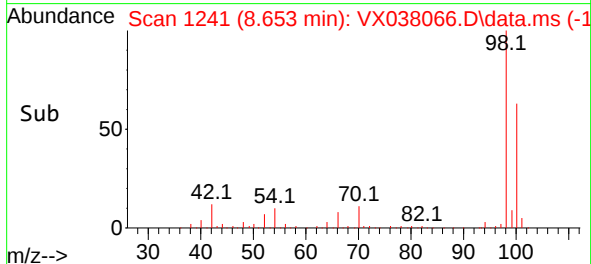
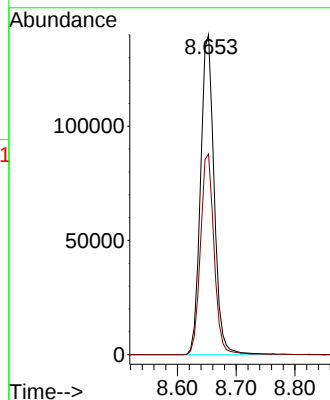
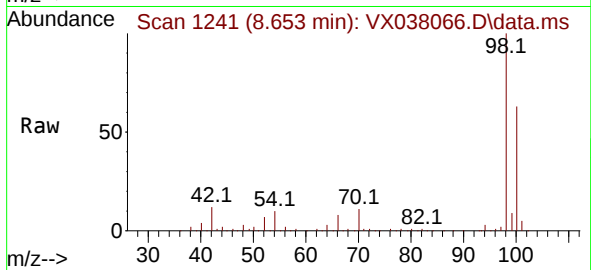




#50  
Toluene-d8  
Concen: 48.045 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX038066.D  
Acq: 04 Oct 2023 15:34

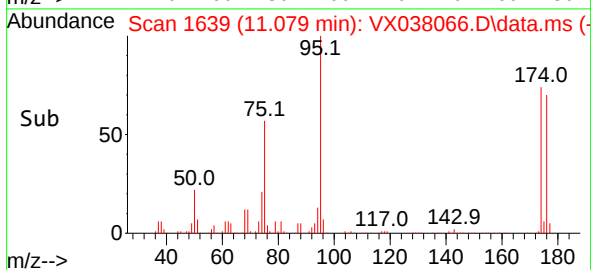
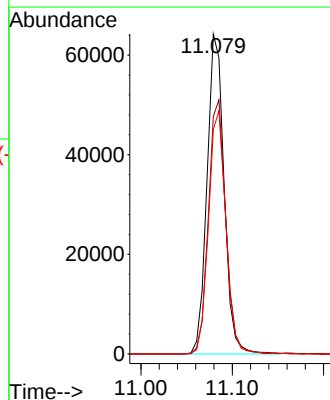
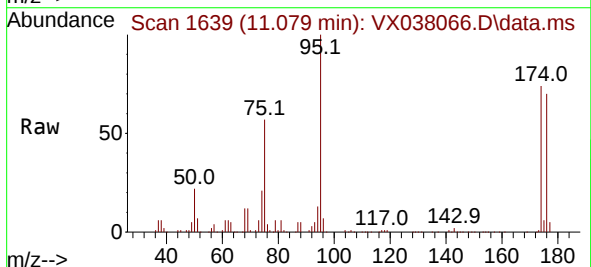
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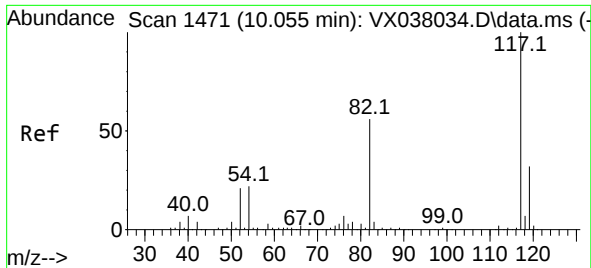
Tgt Ion: 98 Resp: 225400  
Ion Ratio Lower Upper  
98 100  
100 63.0 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 48.592 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX038066.D  
Acq: 04 Oct 2023 15:34

Tgt Ion: 95 Resp: 82966  
Ion Ratio Lower Upper  
95 100  
174 80.8 0.0 135.6  
176 77.4 0.0 131.0

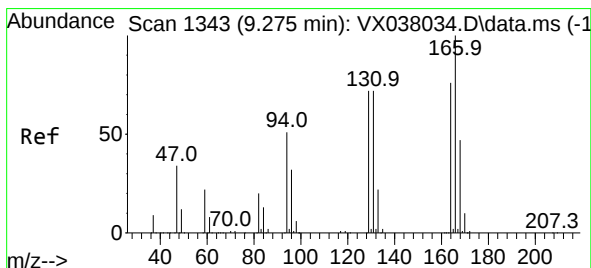
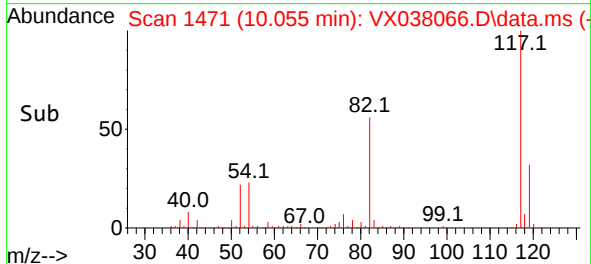
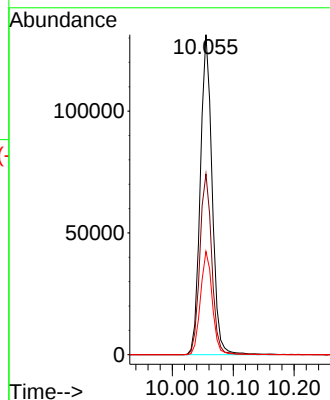
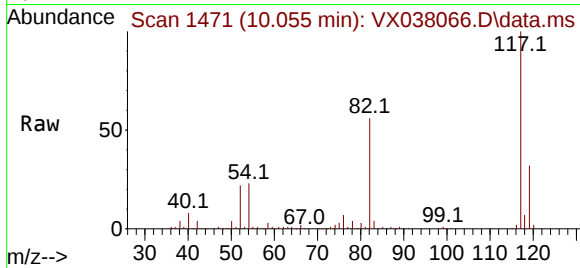




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038066.D  
Acq: 04 Oct 2023 15:34

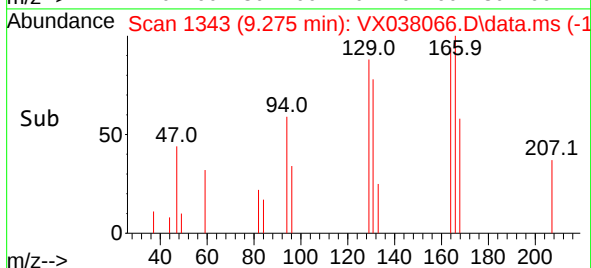
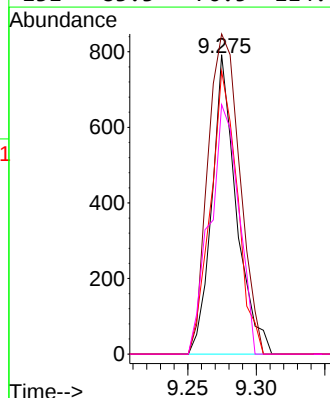
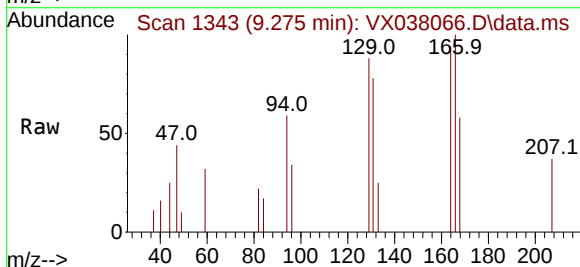
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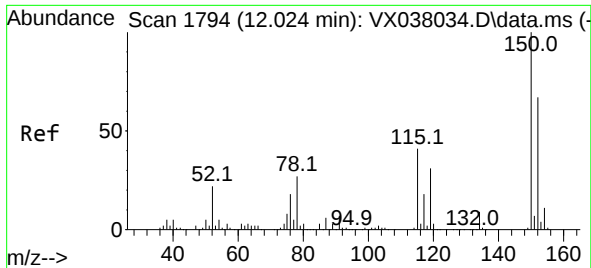
Tgt Ion:117 Resp: 176595  
Ion Ratio Lower Upper  
117 100  
82 56.4 46.2 69.4  
119 32.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 0.837 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX038066.D  
Acq: 04 Oct 2023 15:34

Tgt Ion:164 Resp: 983  
Ion Ratio Lower Upper  
164 100  
166 106.9 102.7 154.1  
129 94.6 80.4 120.6  
131 83.3 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038066.D

Acq: 04 Oct 2023 15:34

Instrument :

MSVOA\_X

ClientSampleId :

MW-101I

Tgt Ion:152 Resp: 91752

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.5 0.0 345.0

