

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090223\  
 Data File : VX037496.D  
 Acq On : 02 Sep 2023 20:26  
 Operator : JC/MD  
 Sample : 04252-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-03-6-083023

Quant Time: Sep 04 04:33:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

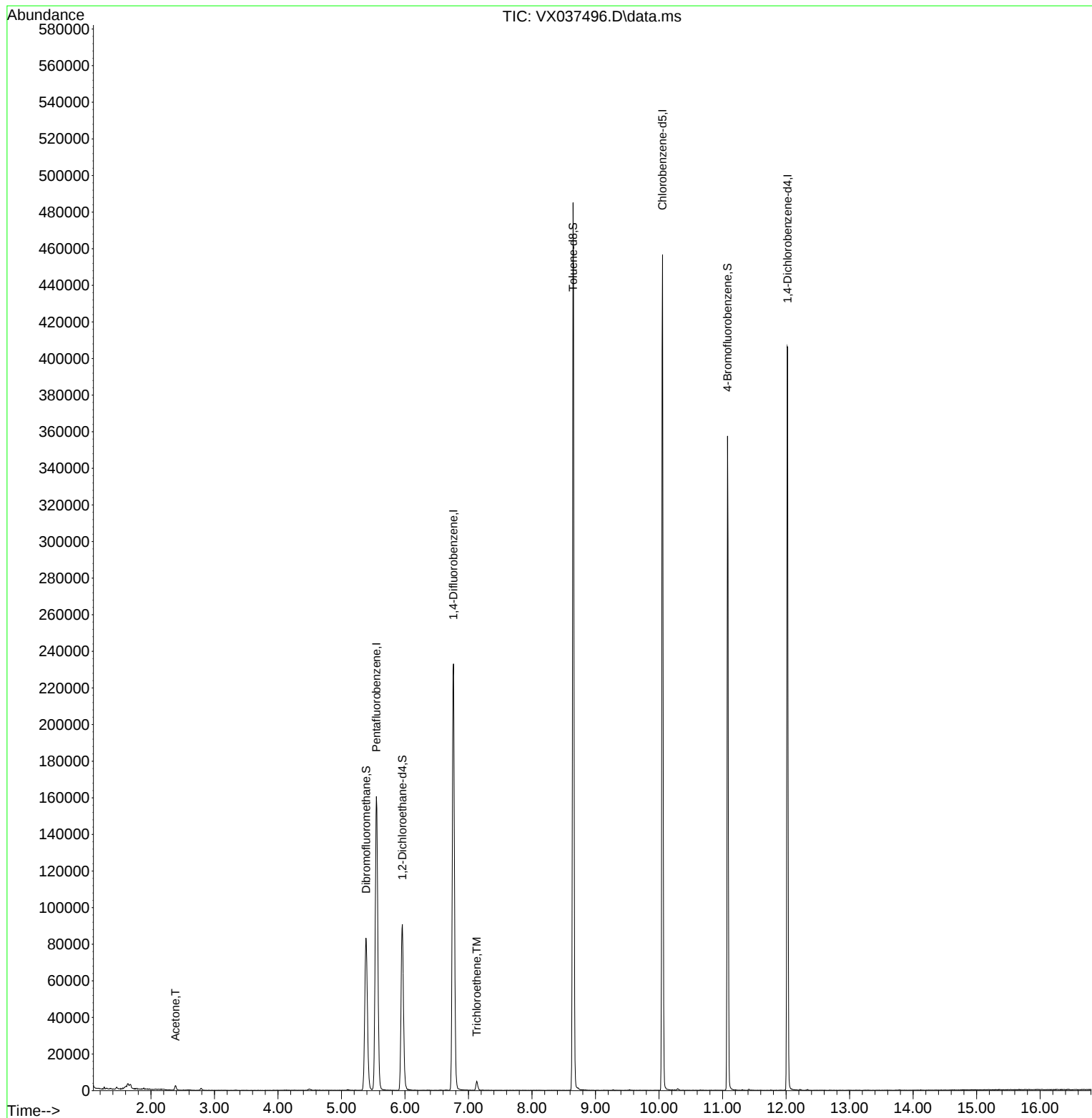
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 151359   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 249967   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 217357   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 88596    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 89287    | 40.918   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 81.840%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 75757    | 45.762   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.520%  |
| 50) Toluene-d8              | 8.647  | 98    | 291923   | 48.613   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.220%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 99421    | 42.129   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 84.260%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 3031     | 3.551    | ug/l # | 84       |
| 44) Trichloroethene         | 7.129  | 130   | 2159     | 1.129    | ug/l   | 84       |
| -----                       |        |       |          |          |        |          |

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

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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-03-6-083023

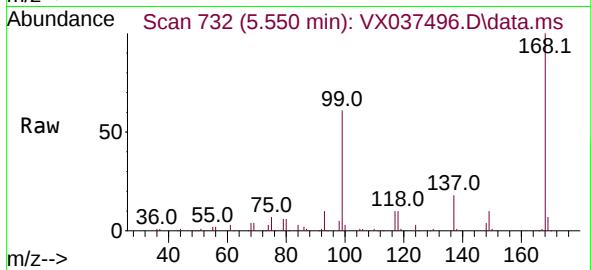
Quant Time: Sep 04 04:33:45 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration



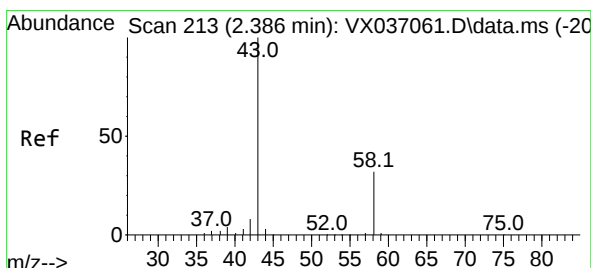
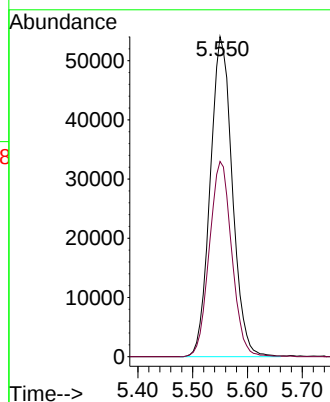
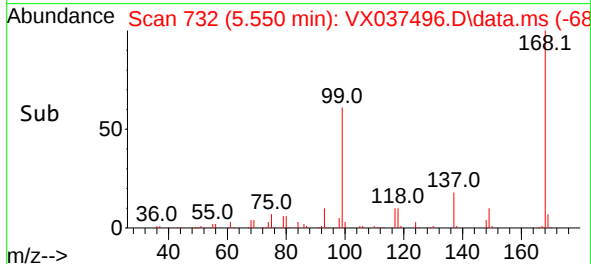


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX037496.D  
Acq: 02 Sep 2023 20:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-03-6-083023

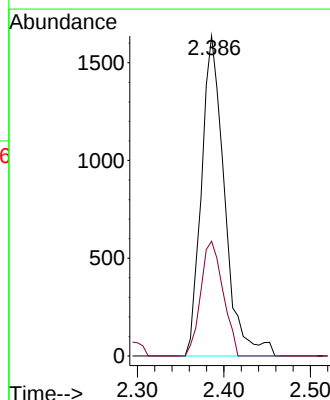
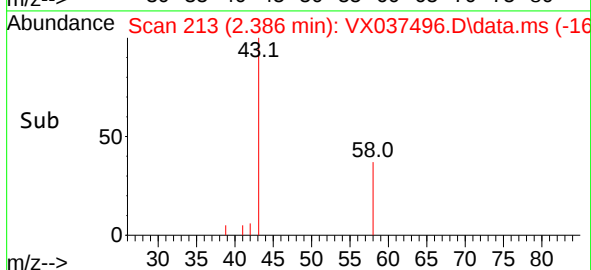
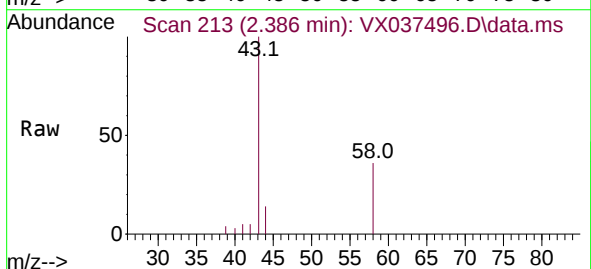


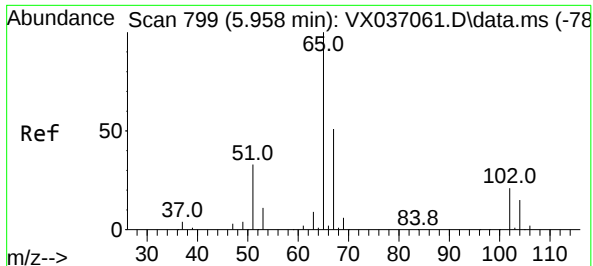
Tgt Ion:168 Resp: 151359  
Ion Ratio Lower Upper  
168 100  
99 61.0 56.6 85.0



#16  
Acetone  
Concen: 3.551 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX037496.D  
Acq: 02 Sep 2023 20:26

Tgt Ion: 43 Resp: 3031  
Ion Ratio Lower Upper  
43 100  
58 35.9 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 40.918 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037496.D

Acq: 02 Sep 2023 20:26

Instrument :

MSVOA\_X

ClientSampleId :

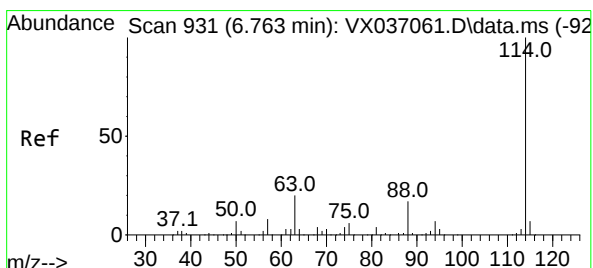
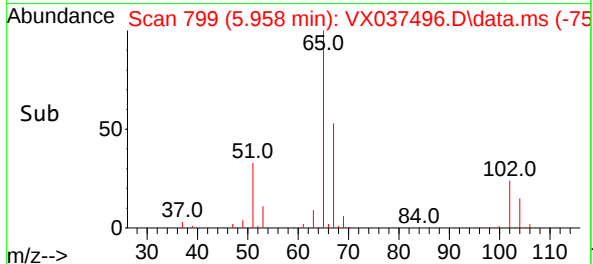
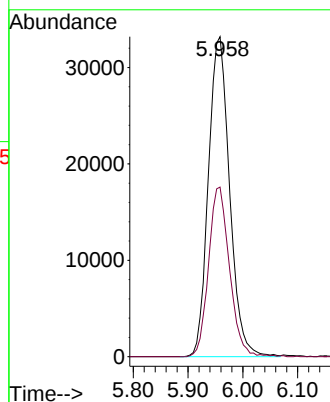
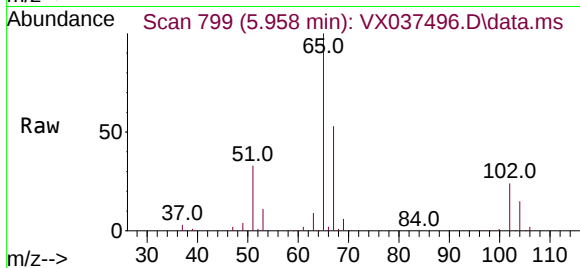
MW-03-6-083023

Tgt Ion: 65 Resp: 89287

Ion Ratio Lower Upper

65 100

67 52.3 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: VX037496.D

Acq: 02 Sep 2023 20:26

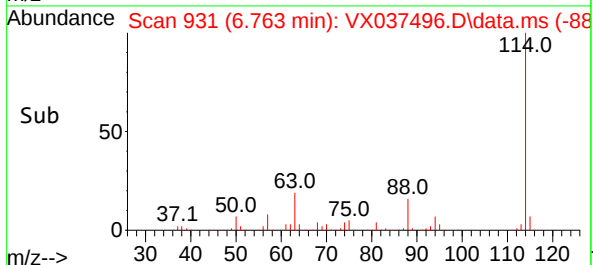
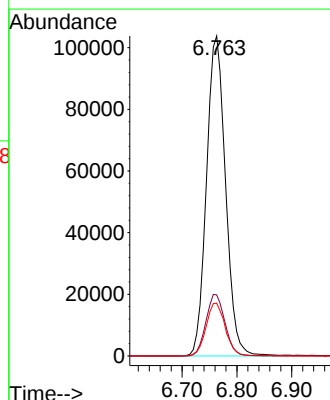
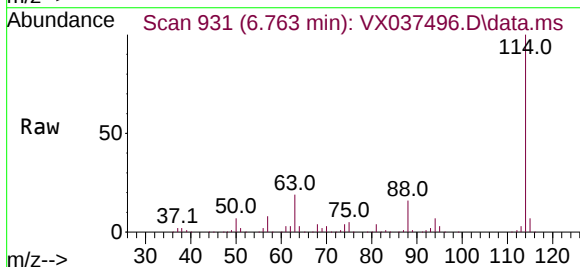
Tgt Ion: 114 Resp: 249967

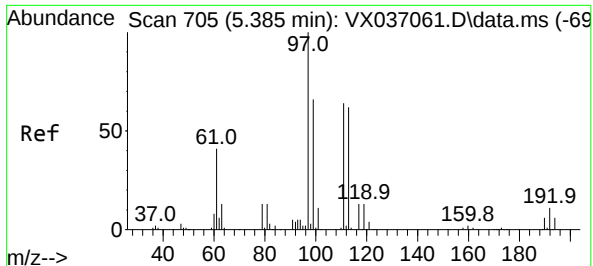
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.5 0.0 36.6

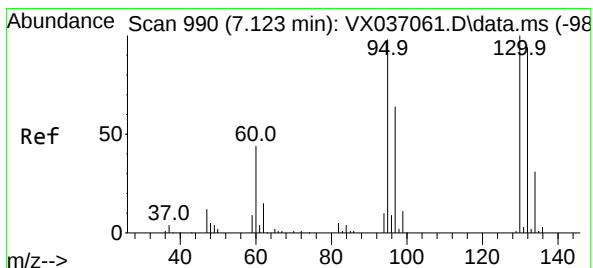
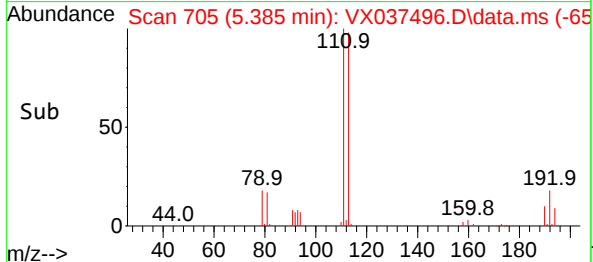
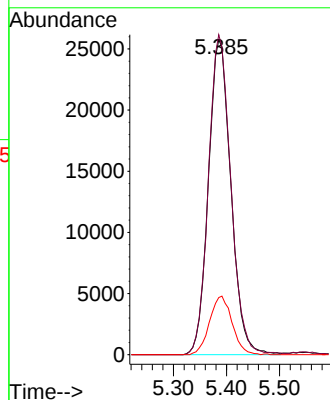
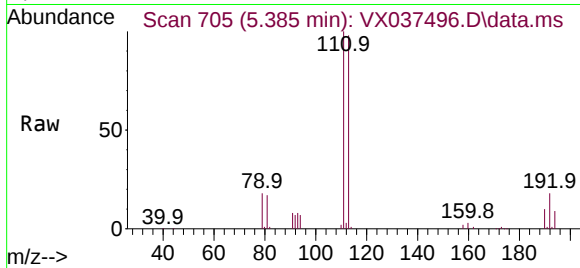




#35  
Dibromofluoromethane  
Concen: 45.762 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037496.D  
Acq: 02 Sep 2023 20:26

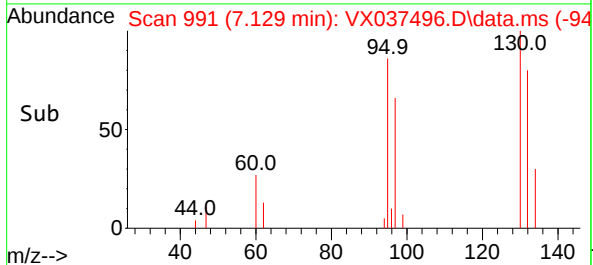
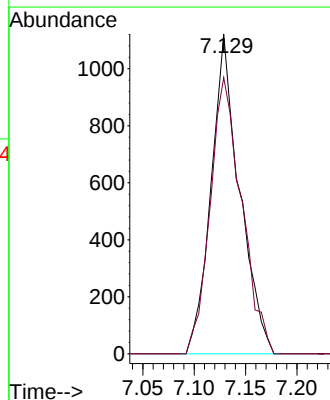
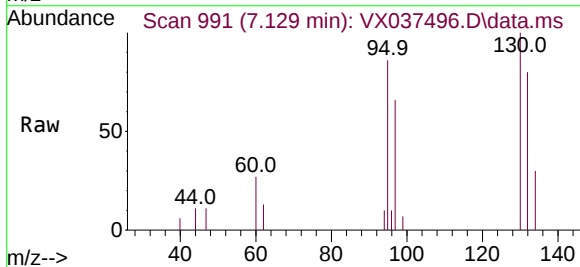
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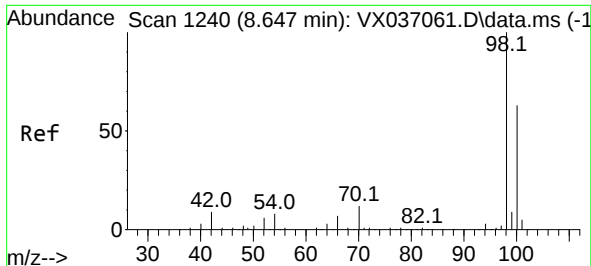
Tgt Ion:113 Resp: 75757  
Ion Ratio Lower Upper  
113 100  
111 101.3 82.9 124.3  
192 18.6 13.3 19.9



#44  
Trichloroethene  
Concen: 1.129 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX037496.D  
Acq: 02 Sep 2023 20:26

Tgt Ion:130 Resp: 2159  
Ion Ratio Lower Upper  
130 100  
95 86.4 0.0 204.4

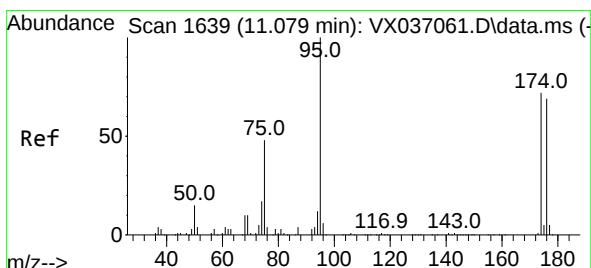
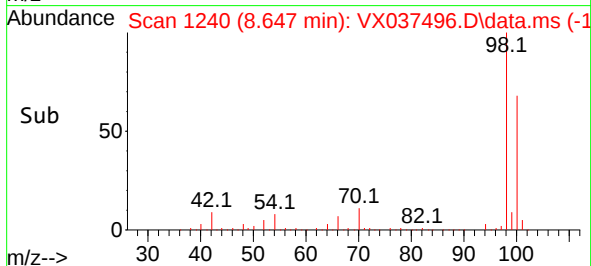
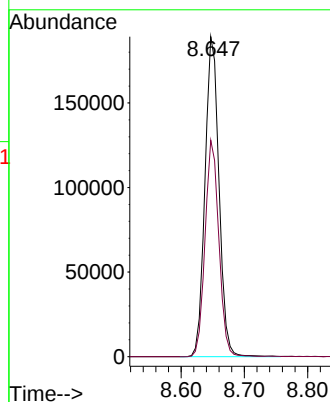
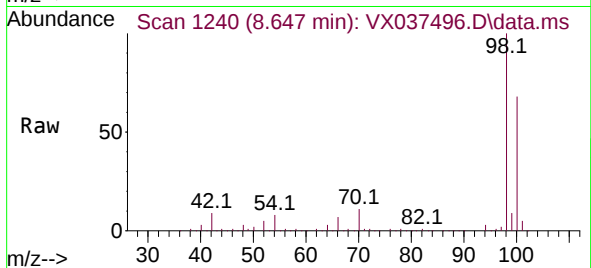




#50  
Toluene-d8  
Concen: 48.613 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX037496.D  
Acq: 02 Sep 2023 20:26

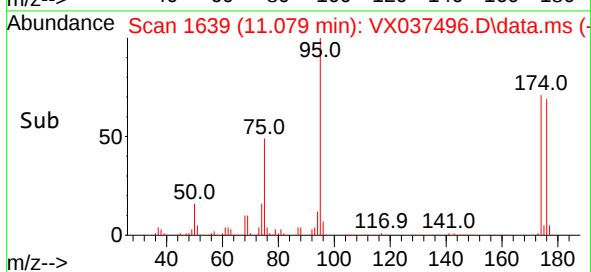
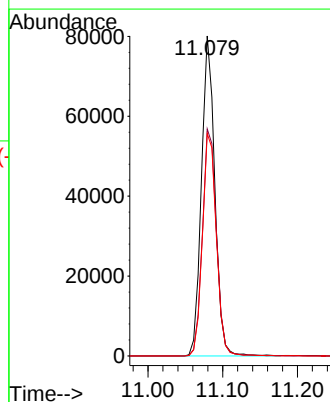
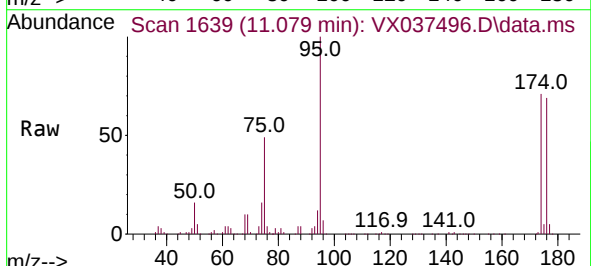
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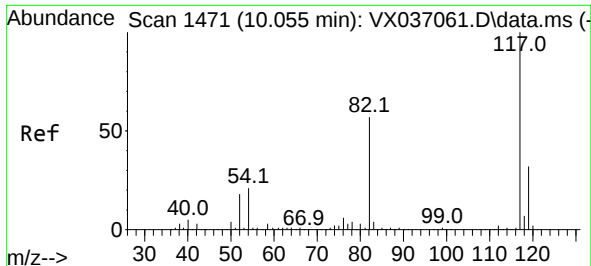
Tgt Ion: 98 Resp: 291923  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 42.129 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037496.D  
Acq: 02 Sep 2023 20:26

Tgt Ion: 95 Resp: 99421  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 135.6  
176 72.4 0.0 131.0

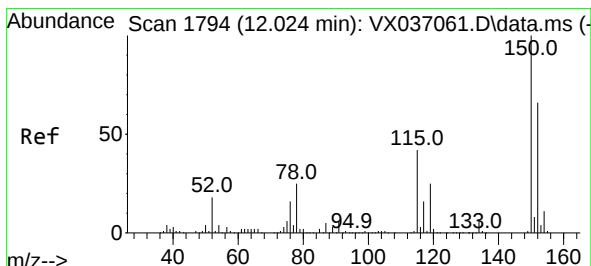
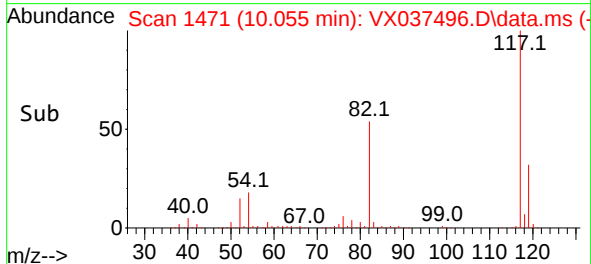
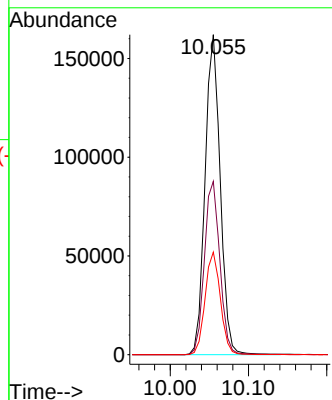
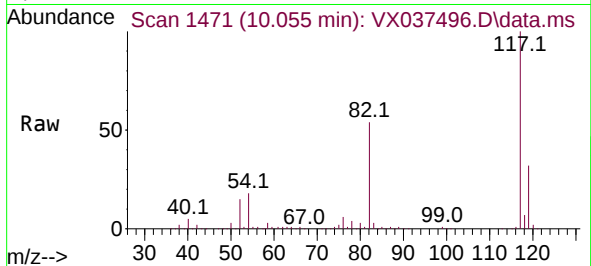




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037496.D  
Acq: 02 Sep 2023 20:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-03-6-083023

Tgt Ion:117 Resp: 217357  
Ion Ratio Lower Upper  
117 100  
82 54.1 46.2 69.4  
119 32.0 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX037496.D  
Acq: 02 Sep 2023 20:26

Tgt Ion:152 Resp: 88596  
Ion Ratio Lower Upper  
152 100  
115 63.6 43.3 129.9  
150 159.7 0.0 345.0

