

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111423\  
 Data File : VX038812.D  
 Acq On : 14 Nov 2023 17:30  
 Operator : JC/MD  
 Sample : 05380-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-8

Quant Time: Nov 15 14:39:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111423W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 14 09:15:55 2023  
 Response via : Initial Calibration

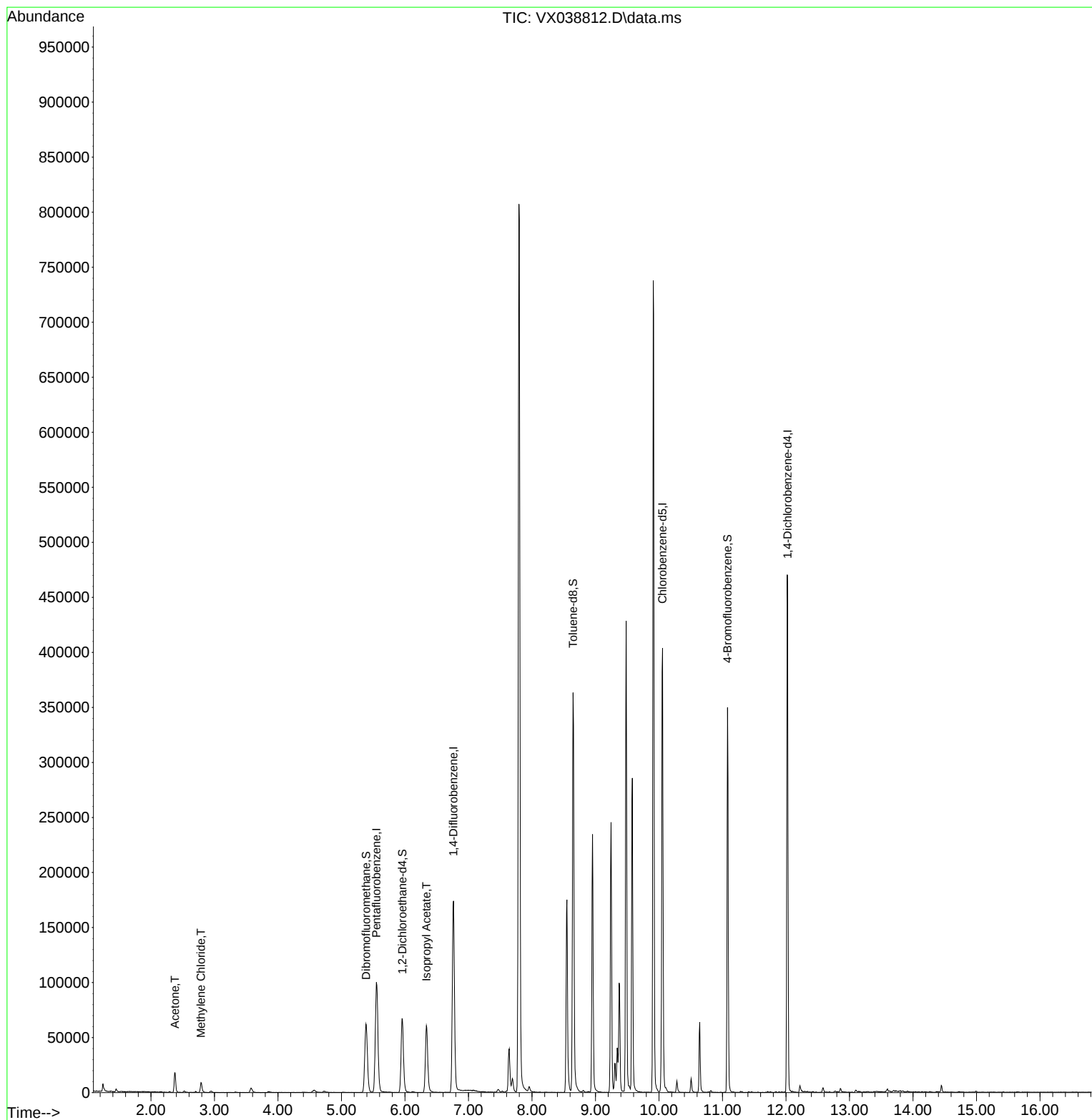
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 96575    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 188071   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 193232   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 102045   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 63926    | 46.527   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 93.060%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 57387    | 44.416   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 88.840%  |
| 50) Toluene-d8              | 8.647  | 98    | 232217   | 48.522   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 97.040%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 106312   | 53.130   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 106.260% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 19575    | 26.588   | ug/l # | 89       |
| 20) Methylene Chloride      | 2.788  | 84    | 4477     | 3.251    | ug/l   | 92       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 83935    | 26.751   | ug/l   | 94       |
| -----                       |        |       |          |          |        |          |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111423W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 14 09:15:55 2023  
Response via : Initial Calibration

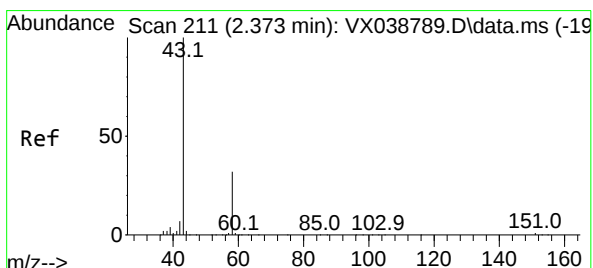
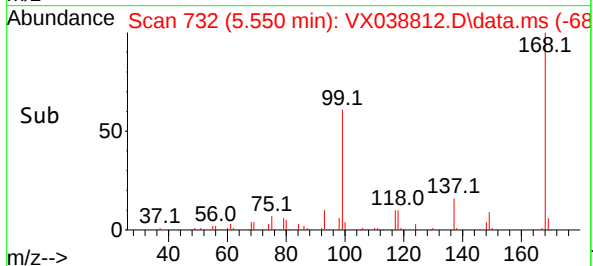
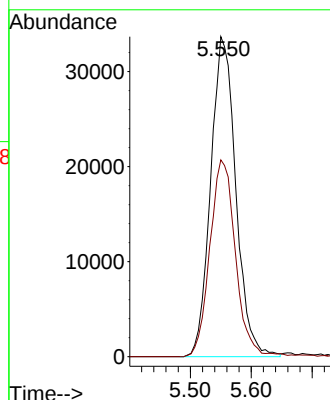
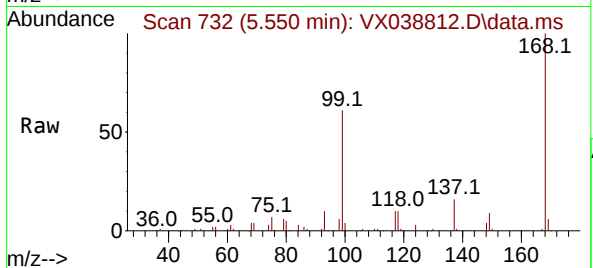




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX038812.D  
Acq: 14 Nov 2023 17:30

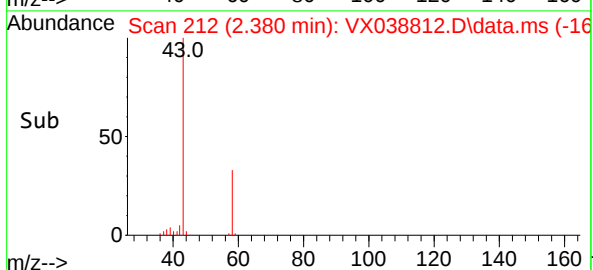
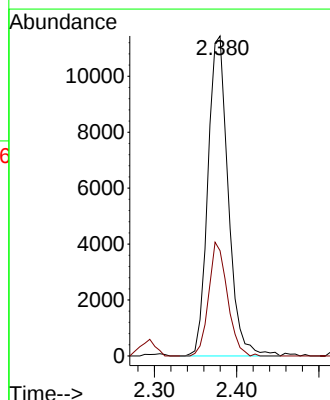
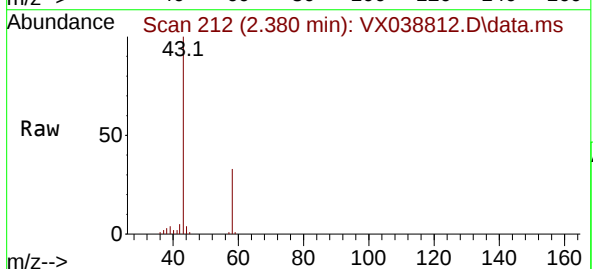
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-8

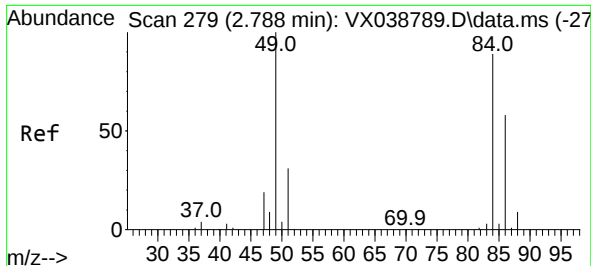
Tgt Ion:168 Resp: 96575  
Ion Ratio Lower Upper  
168 100  
99 61.5 56.6 85.0



#16  
Acetone  
Concen: 26.588 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX038812.D  
Acq: 14 Nov 2023 17:30

Tgt Ion: 43 Resp: 19575  
Ion Ratio Lower Upper  
43 100  
58 32.9 21.9 32.9#





#20

Methylene Chloride

Concen: 3.251 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038812.D

Acq: 14 Nov 2023 17:30

Instrument :

MSVOA\_X

ClientSampleId :

WC-8

Tgt Ion: 84 Resp: 4477

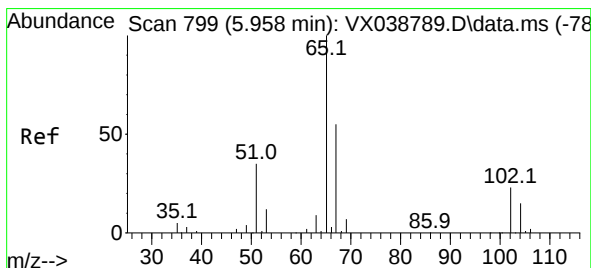
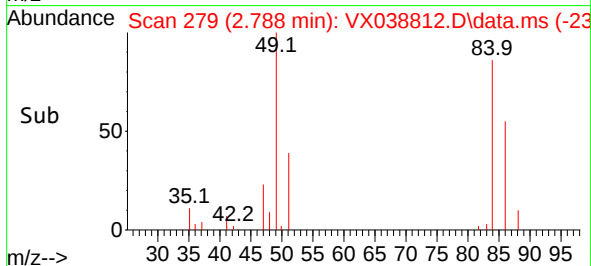
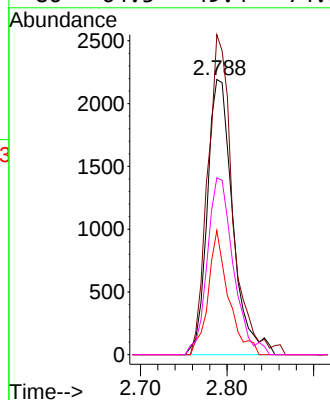
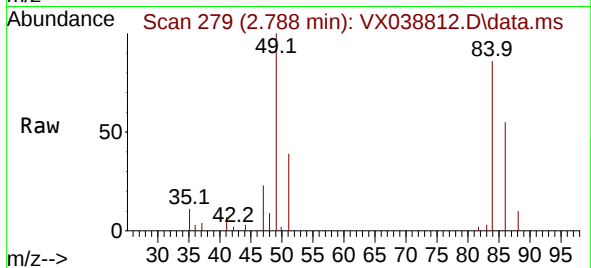
Ion Ratio Lower Upper

84 100

49 116.3 103.6 155.4

51 45.1 33.8 50.6

86 64.3 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 46.527 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038812.D

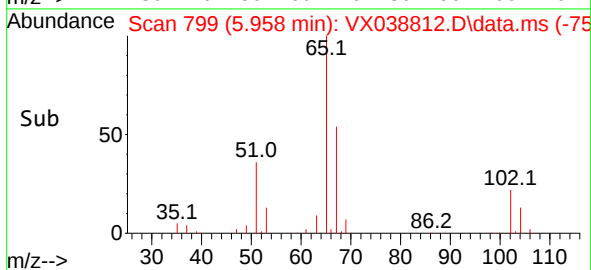
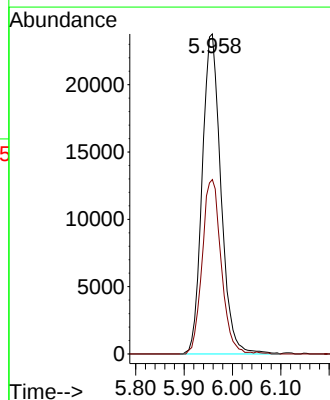
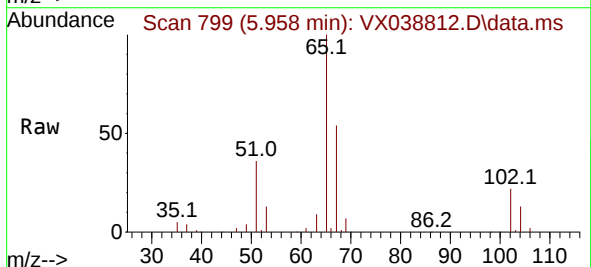
Acq: 14 Nov 2023 17:30

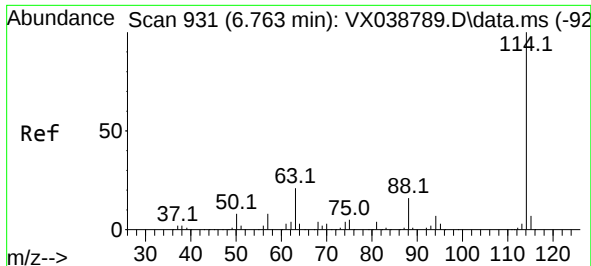
Tgt Ion: 65 Resp: 63926

Ion Ratio Lower Upper

65 100

67 55.2 0.0 100.2

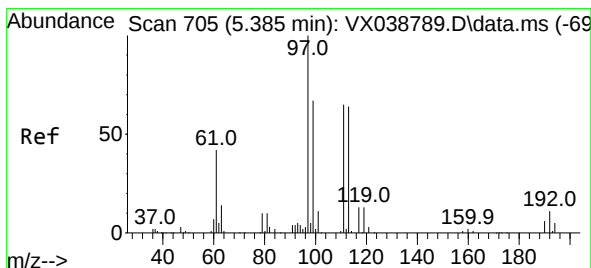
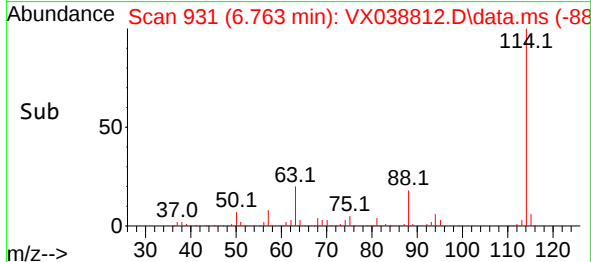
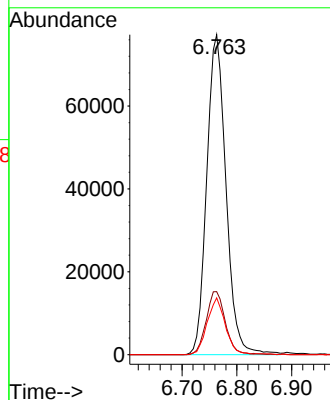
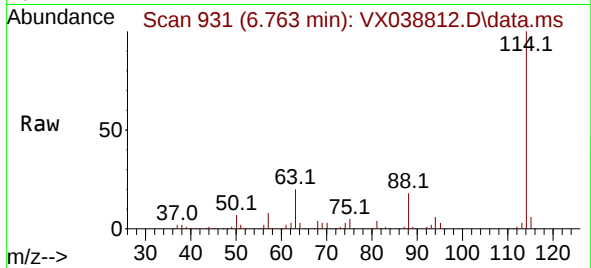




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX038812.D  
Acq: 14 Nov 2023 17:30

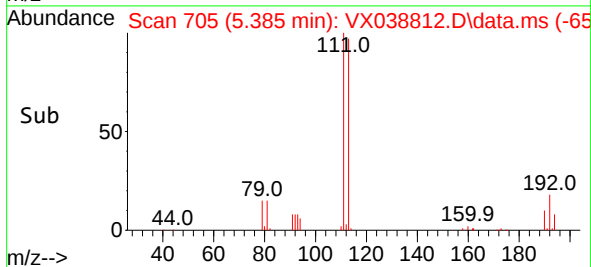
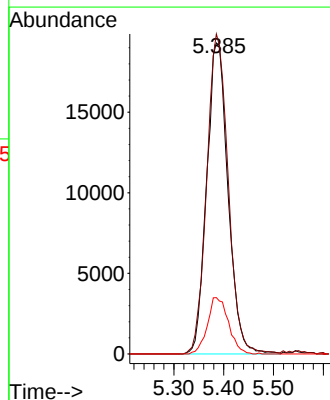
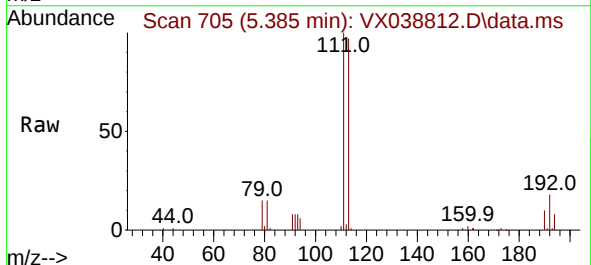
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-8

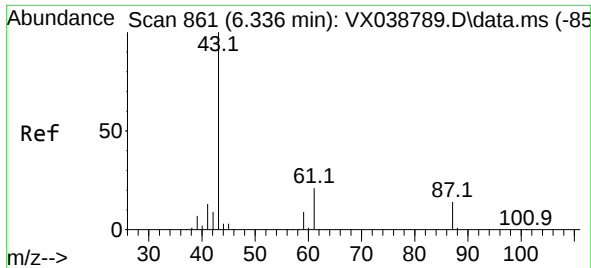
Tgt Ion:114 Resp: 188071  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 45.0  
88 17.7 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.416 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038812.D  
Acq: 14 Nov 2023 17:30

Tgt Ion:113 Resp: 57387  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.9 124.3  
192 17.9 13.3 19.9

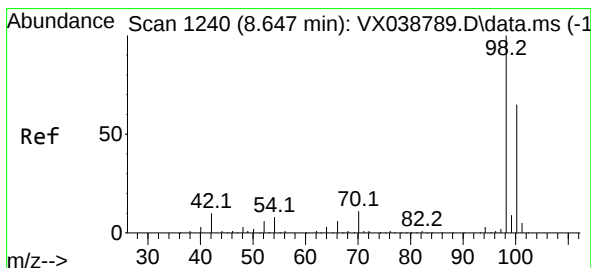
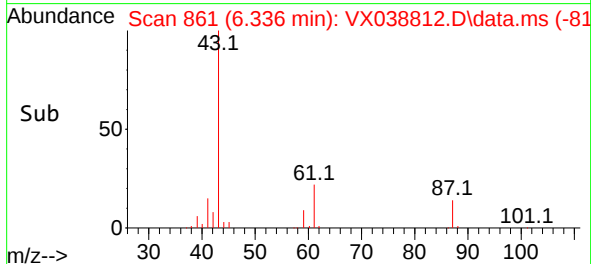
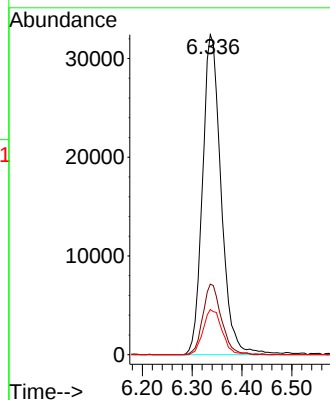
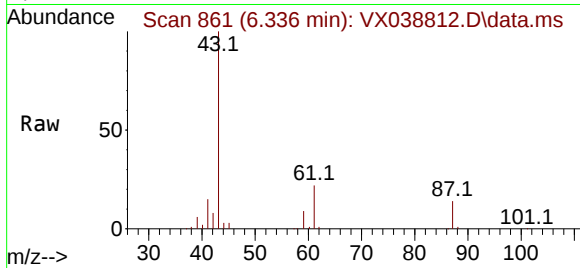




#43  
Isopropyl Acetate  
Concen: 26.751 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX038812.D  
Acq: 14 Nov 2023 17:30

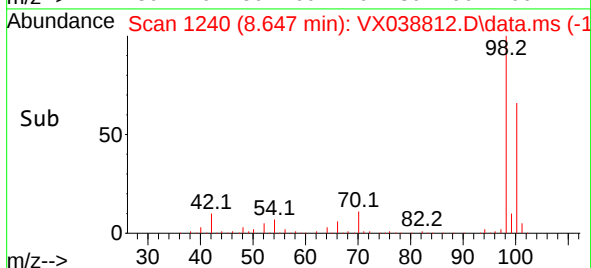
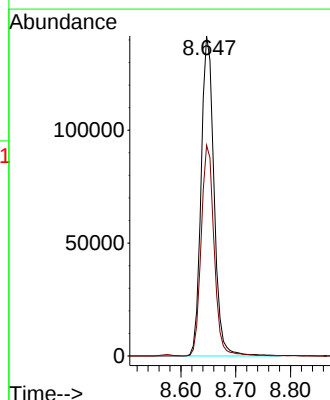
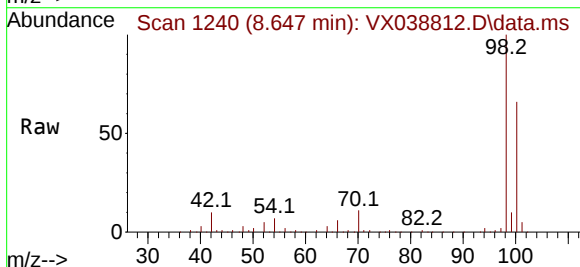
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-8

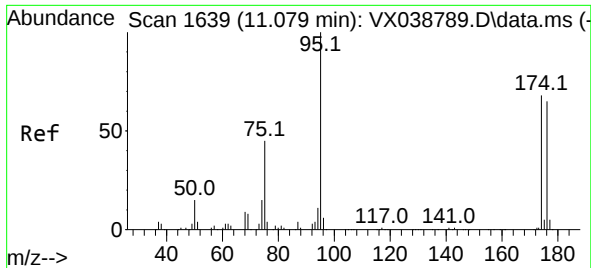
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 83935 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 21.9  | 15.2  | 22.8  |
| 87       | 14.5  | 9.8   | 14.6  |



#50  
Toluene-d8  
Concen: 48.522 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX038812.D  
Acq: 14 Nov 2023 17:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 232217 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.2  | 53.1  | 79.7   |

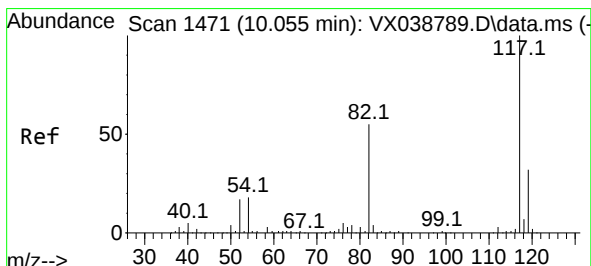
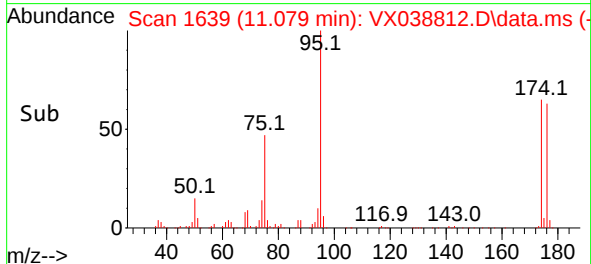
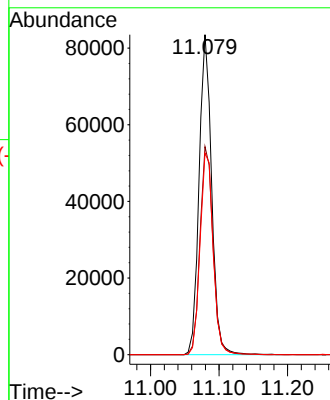
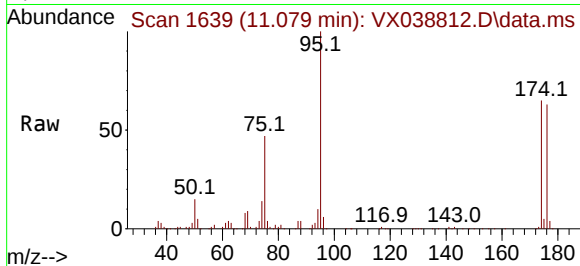




#62  
4-Bromofluorobenzene  
Concen: 53.130 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX038812.D  
Acq: 14 Nov 2023 17:30

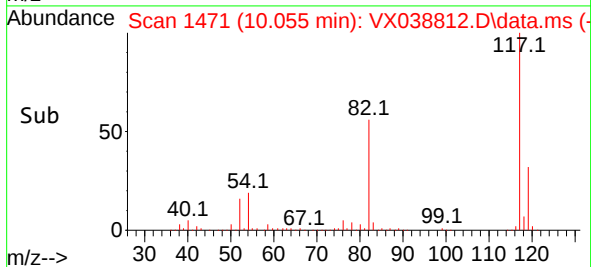
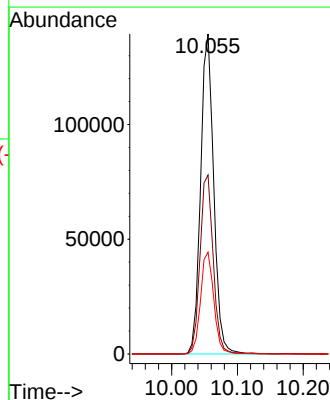
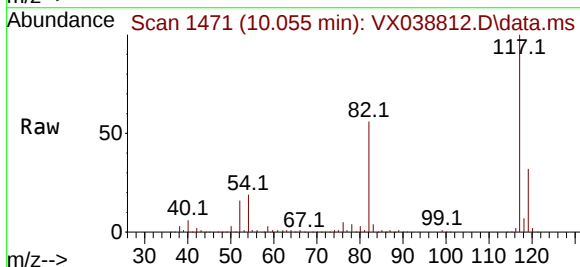
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-8

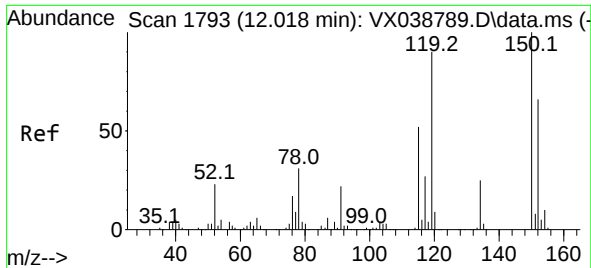
Tgt Ion: 95 Resp: 106312  
Ion Ratio Lower Upper  
95 100  
174 67.5 0.0 135.6  
176 65.7 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038812.D  
Acq: 14 Nov 2023 17:30

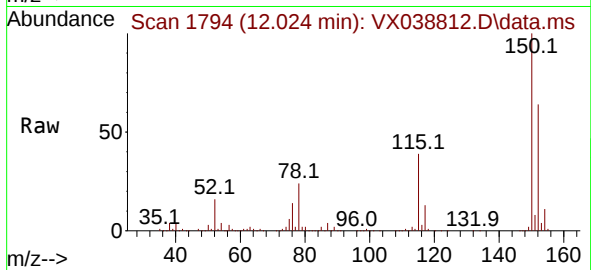
Tgt Ion: 117 Resp: 193232  
Ion Ratio Lower Upper  
117 100  
82 55.9 46.2 69.4  
119 31.8 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX038812.D  
 Acq: 14 Nov 2023 17:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:152 | Resp: | 102045      |
| Ion         | Ratio | Lower Upper |
| 152         | 100   |             |
| 115         | 64.5  | 43.3 129.9  |
| 150         | 158.8 | 0.0 345.0   |

