

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011824\  
 Data File : VX039812.D  
 Acq On : 18 Jan 2024 12:45  
 Operator : JC/MD  
 Sample : P1150-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MR-306-25-27

Quant Time: Jan 19 00:38:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

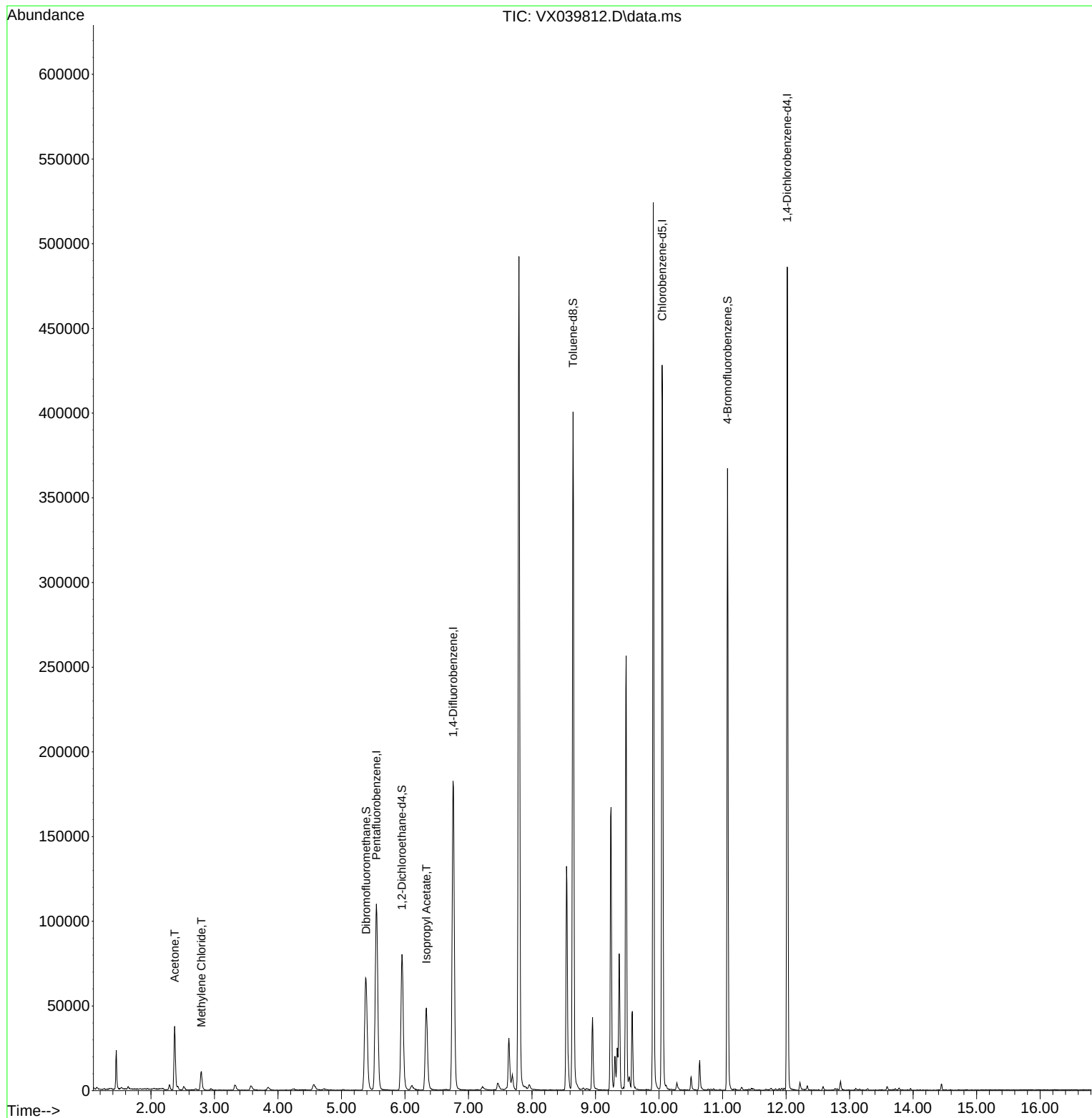
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 97526    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 182491   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 185350   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 92477    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 76294    | 46.700   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 93.400%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 58610    | 47.683   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.360%  |
| 50) Toluene-d8              | 8.647  | 98    | 232371   | 50.125   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.240% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 95050    | 52.432   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 104.860% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.373  | 43    | 39529    | 43.023   | ug/l   | 95       |
| 20) Methylene Chloride      | 2.794  | 84    | 5208     | 3.747    | ug/l # | 89       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 68052    | 18.175   | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

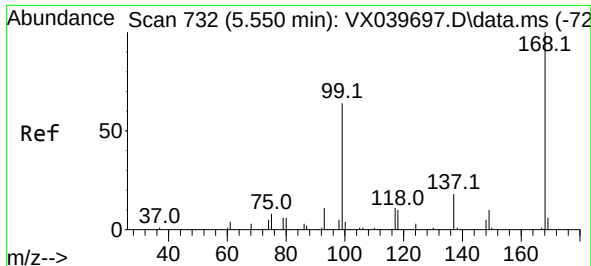
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 19 00:38:53 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

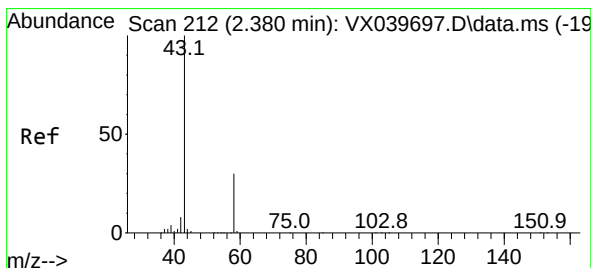
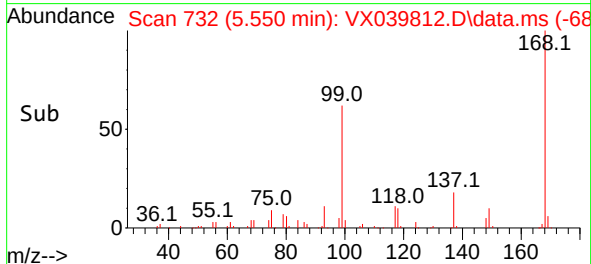
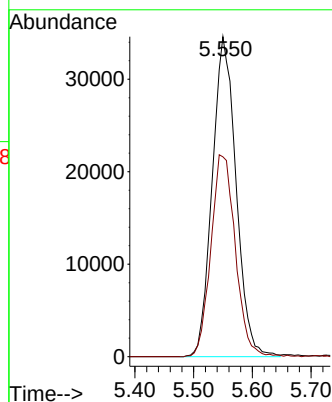
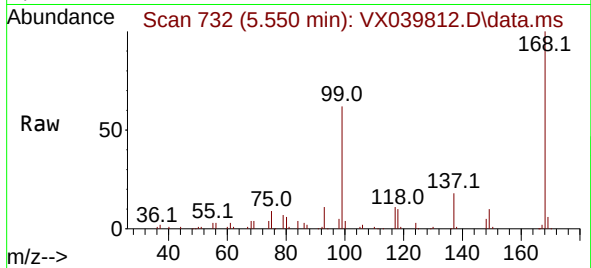




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039812.D  
Acq: 18 Jan 2024 12:45

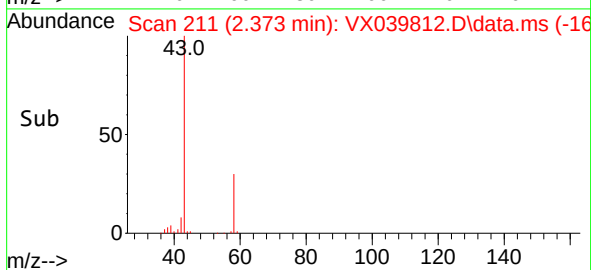
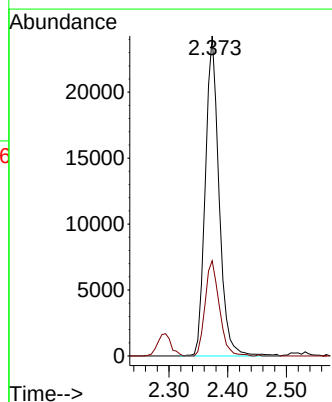
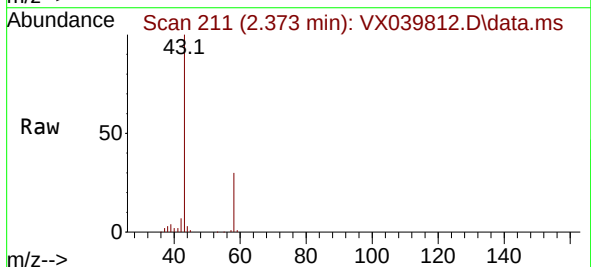
Instrument :  
MSVOA\_X  
ClientSampleId :  
MR-306-25-27

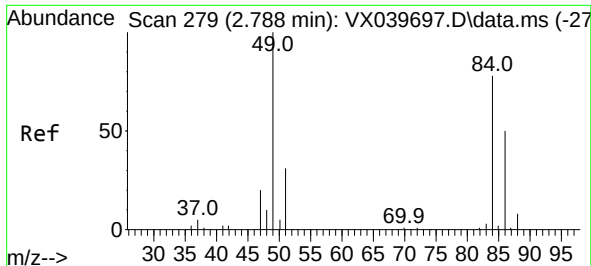
Tgt Ion:168 Resp: 97526  
Ion Ratio Lower Upper  
168 100  
99 62.5 56.6 85.0



#16  
Acetone  
Concen: 43.023 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039812.D  
Acq: 18 Jan 2024 12:45

Tgt Ion: 43 Resp: 39529  
Ion Ratio Lower Upper  
43 100  
58 29.8 21.9 32.9

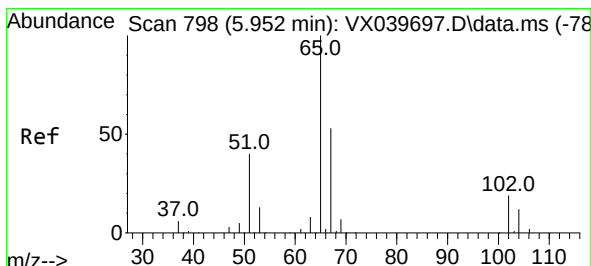
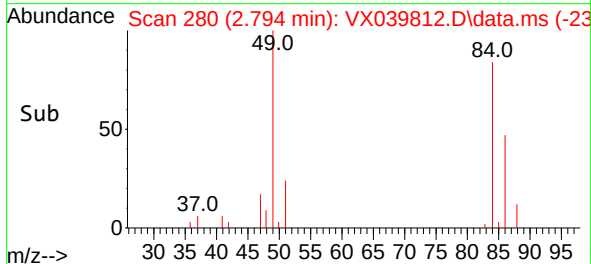
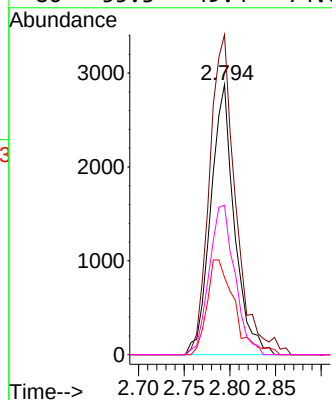
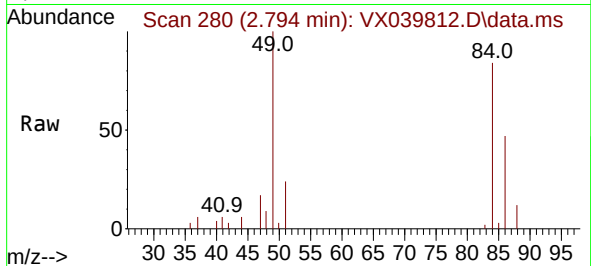




#20  
Methylene Chloride  
Concen: 3.747 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX039812.D  
Acq: 18 Jan 2024 12:45

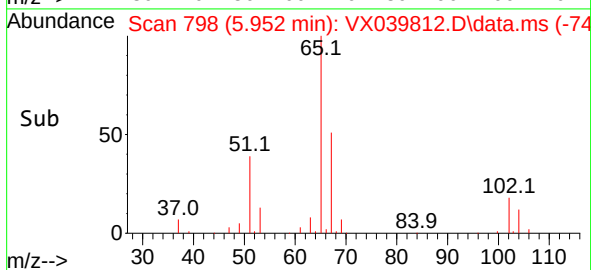
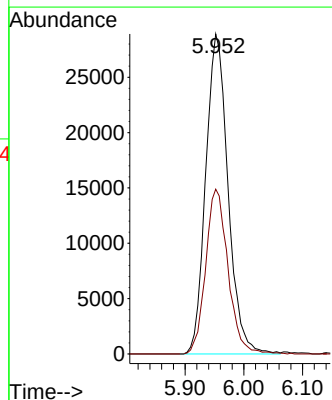
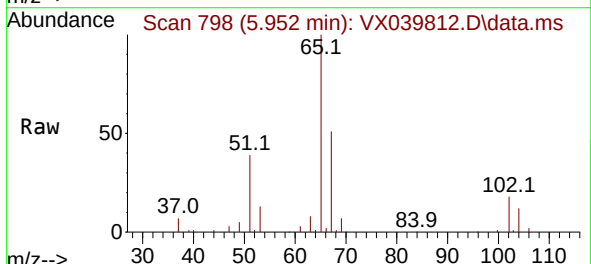
Instrument :  
MSVOA\_X  
ClientSampleId :  
MR-306-25-27

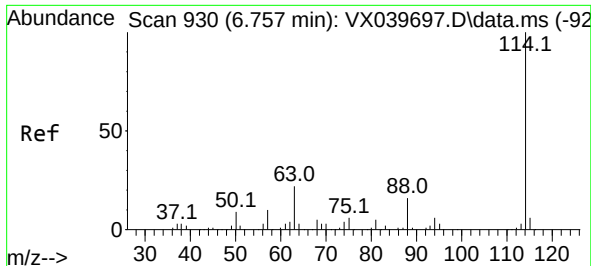
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 5208  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 118.5 | 103.6 | 155.4 |
| 51       | 28.6  | 33.8  | 50.6# |
| 86       | 55.3  | 49.4  | 74.0  |



#33  
1,2-Dichloroethane-d4  
Concen: 46.700 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX039812.D  
Acq: 18 Jan 2024 12:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 76294 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 51.5  | 0.0   | 100.2 |

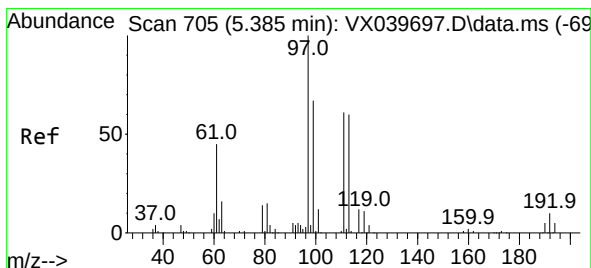
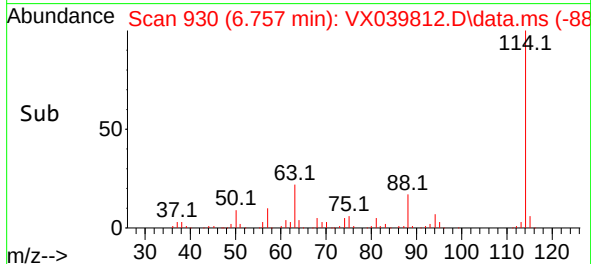
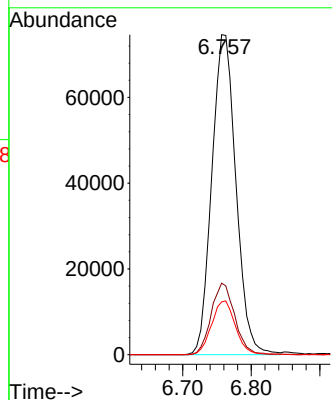
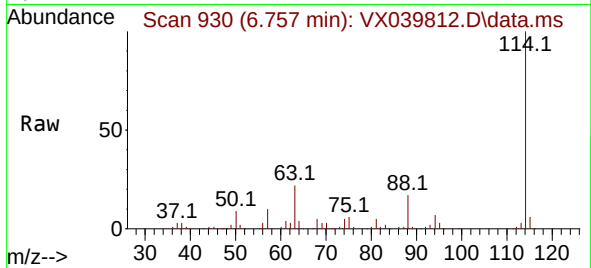




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX039812.D  
Acq: 18 Jan 2024 12:45

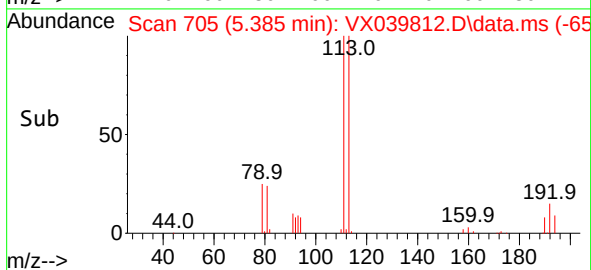
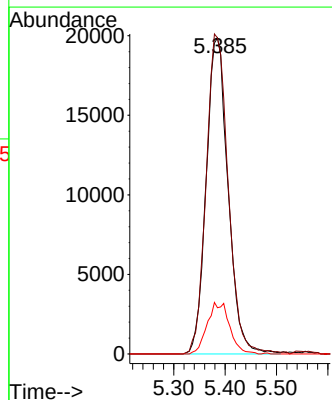
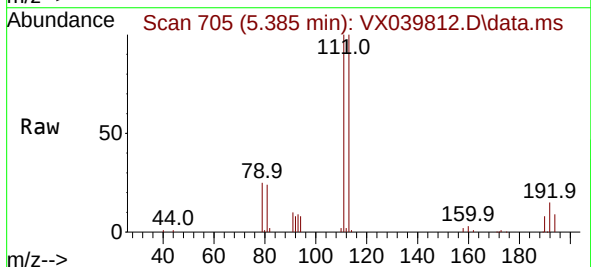
Instrument :  
MSVOA\_X  
ClientSampleId :  
MR-306-25-27

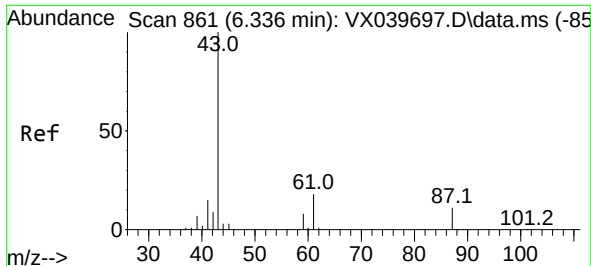
Tgt Ion:114 Resp: 182491  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 45.0  
88 16.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.683 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX039812.D  
Acq: 18 Jan 2024 12:45

Tgt Ion:113 Resp: 58610  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.9 124.3  
192 16.6 13.3 19.9

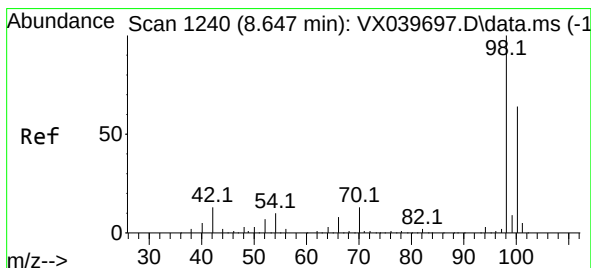
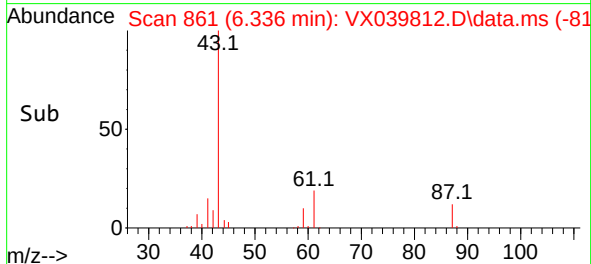
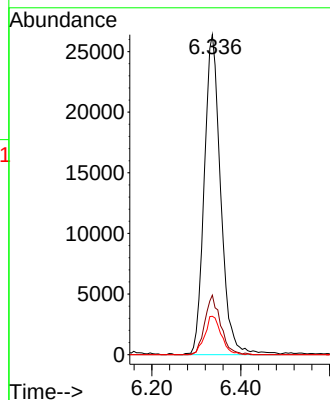
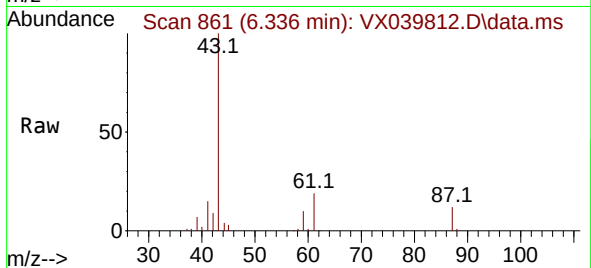




#43  
Isopropyl Acetate  
Concen: 18.175 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.000 min  
Lab File: VX039812.D  
Acq: 18 Jan 2024 12:45

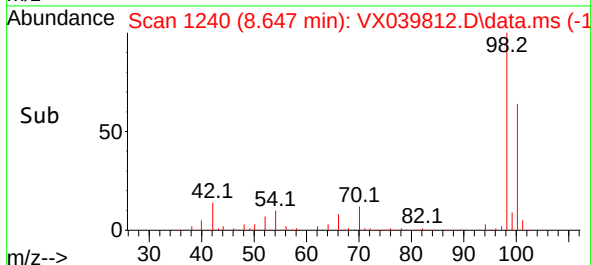
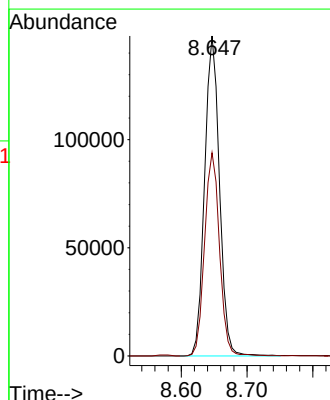
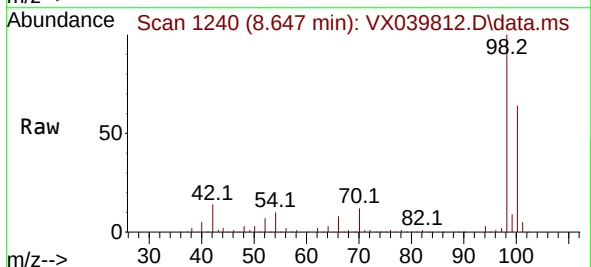
Instrument :  
MSVOA\_X  
ClientSampleId :  
MR-306-25-27

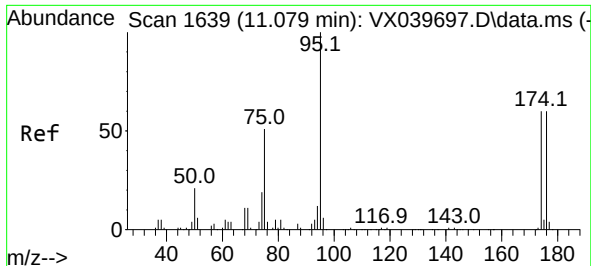
Tgt Ion: 43 Resp: 68052  
Ion Ratio Lower Upper  
43 100  
61 17.8 15.2 22.8  
87 12.0 9.8 14.6



#50  
Toluene-d8  
Concen: 50.125 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX039812.D  
Acq: 18 Jan 2024 12:45

Tgt Ion: 98 Resp: 232371  
Ion Ratio Lower Upper  
98 100  
100 63.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 52.432 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039812.D

Acq: 18 Jan 2024 12:45

Instrument :

MSVOA\_X

ClientSampleId :

MR-306-25-27

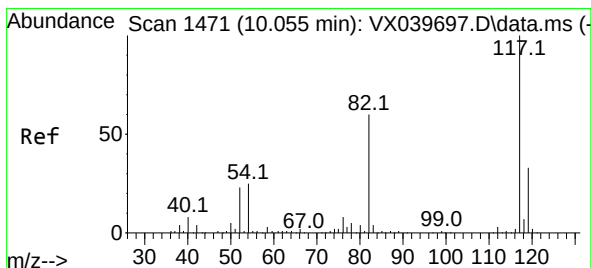
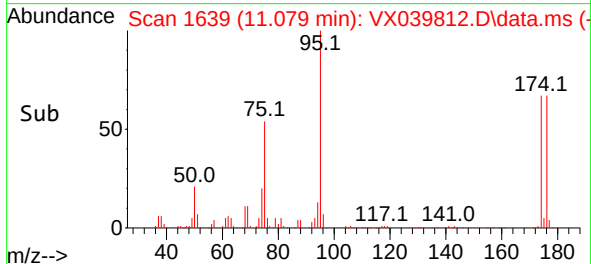
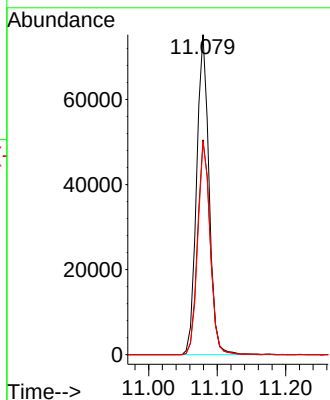
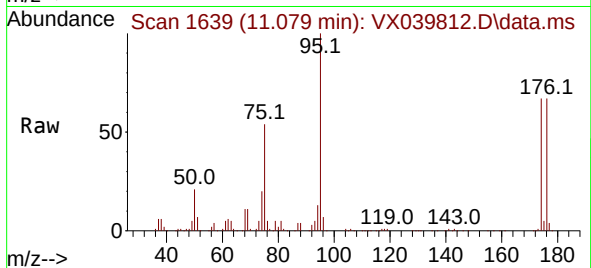
Tgt Ion: 95 Resp: 95050

Ion Ratio Lower Upper

95 100

174 67.7 0.0 135.6

176 66.4 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX039812.D

Acq: 18 Jan 2024 12:45

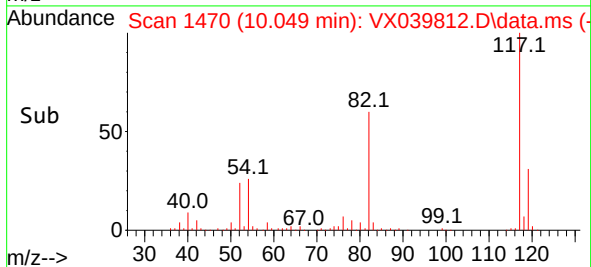
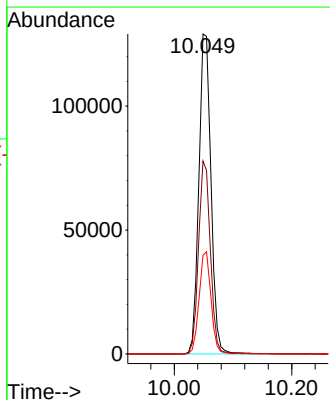
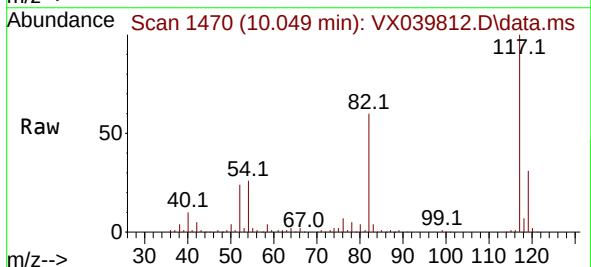
Tgt Ion: 117 Resp: 185350

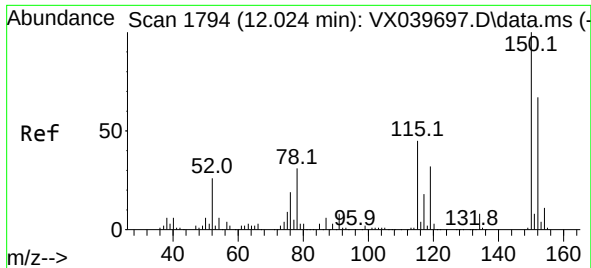
Ion Ratio Lower Upper

117 100

82 60.3 46.2 69.4

119 30.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039812.D

Acq: 18 Jan 2024 12:45

Instrument :

MSVOA\_X

ClientSampleId :

MR-306-25-27

Tgt Ion:152 Resp: 92477

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 156.8 0.0 345.0

