

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022624\  
 Data File : VX040462.D  
 Acq On : 26 Feb 2024 15:53  
 Operator : JC/MD  
 Sample : P1578-15 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE122D2-20240221

Quant Time: Feb 27 05:10:12 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022624W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 27 05:01:33 2024  
 Response via : Initial Calibration

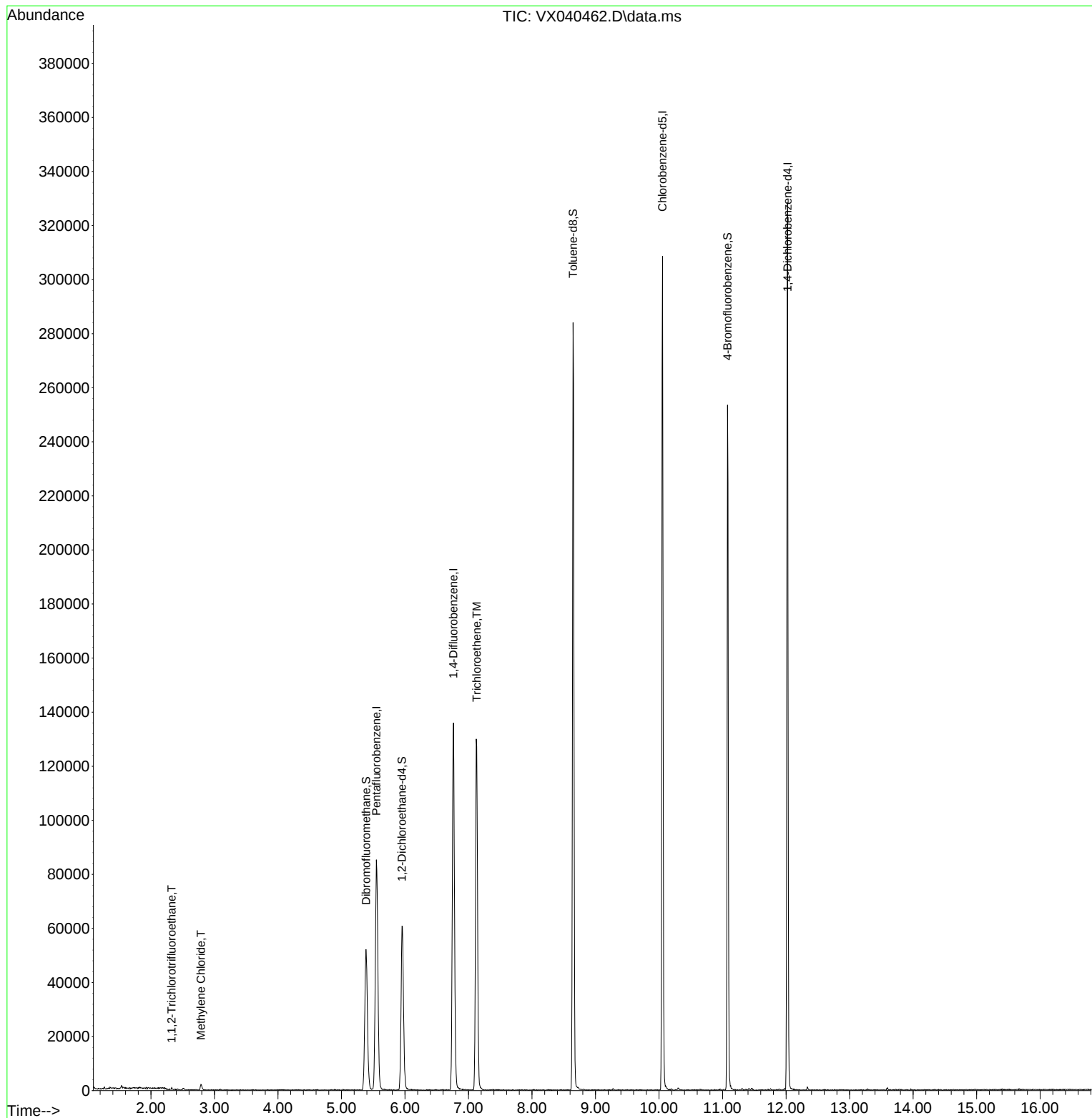
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 74262    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 130244   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 129472   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 64197    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 59760    | 48.113   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 96.220%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 43969    | 48.547   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 97.100%  |
| 50) Toluene-d8               | 8.647  | 98    | 163192   | 49.639   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 99.280%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 63901    | 50.990   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 101.980% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 207      | 0.246    | ug/l # | 66       |
| 20) Methylene Chloride       | 2.788  | 84    | 996      | 1.028    | ug/l # | 79       |
| 44) Trichloroethene          | 7.129  | 130   | 47546    | 46.796   | ug/l   | 97       |
| -----                        |        |       |          |          |        |          |

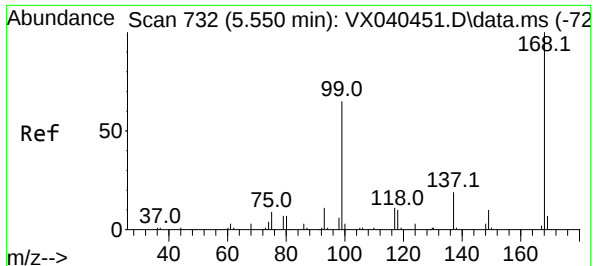
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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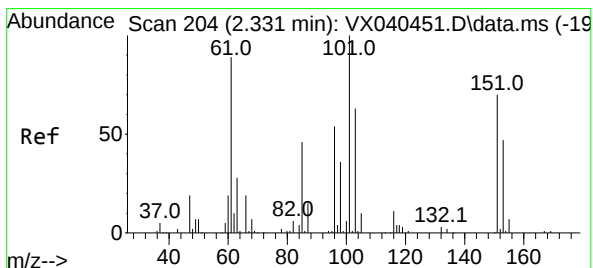
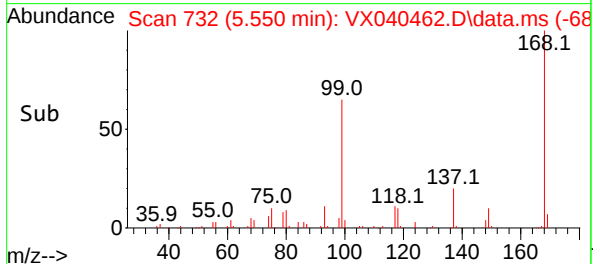
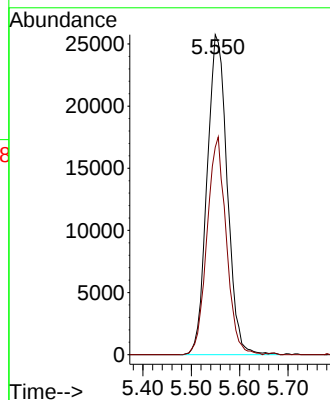
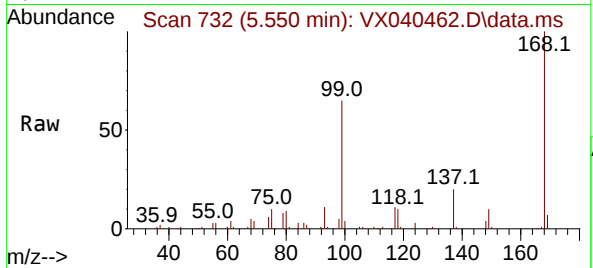




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040462.D  
Acq: 26 Feb 2024 15:53

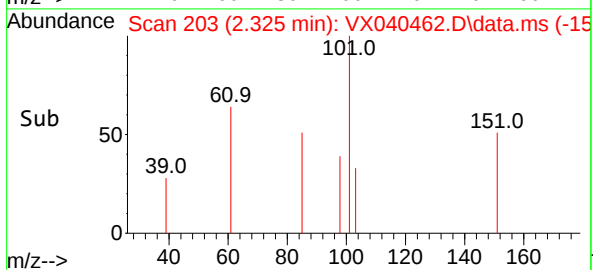
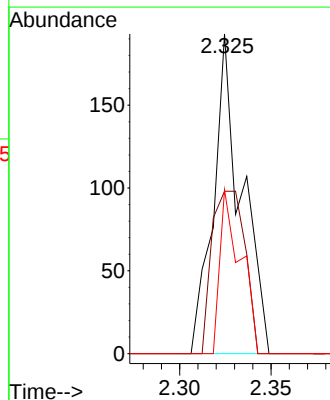
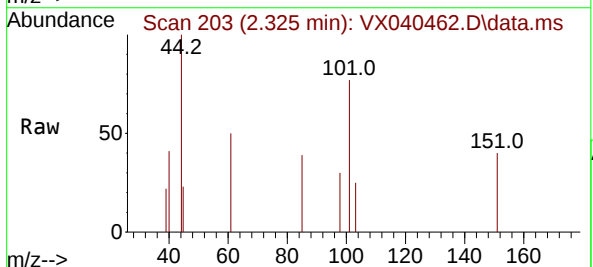
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20240221

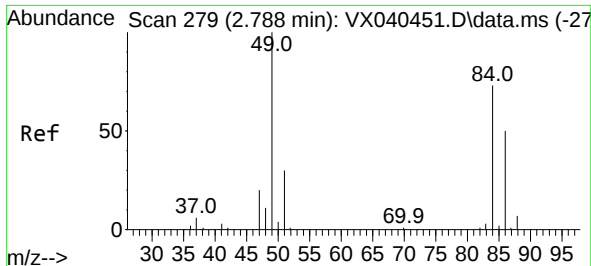
Tgt Ion:168 Resp: 74262  
Ion Ratio Lower Upper  
168 100  
99 64.8 56.6 85.0



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.246 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX040462.D  
Acq: 26 Feb 2024 15:53

Tgt Ion:101 Resp: 207  
Ion Ratio Lower Upper  
101 100  
85 59.9 37.0 55.6#  
151 37.7 58.6 87.8#

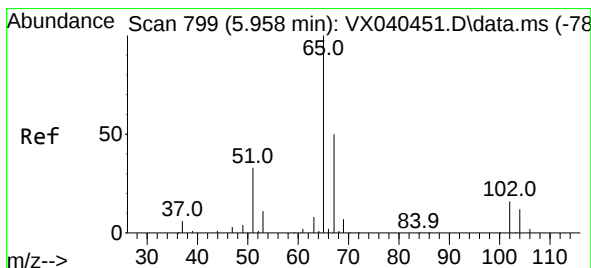
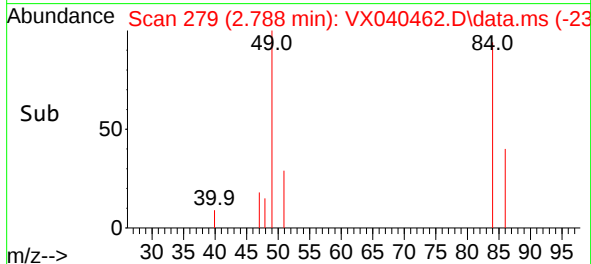
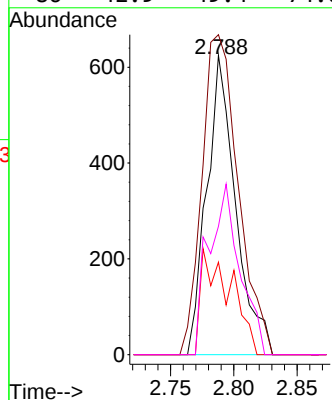
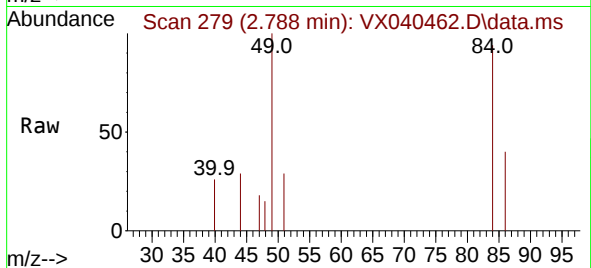




#20  
Methylene Chloride  
Concen: 1.028 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX040462.D  
Acq: 26 Feb 2024 15:53

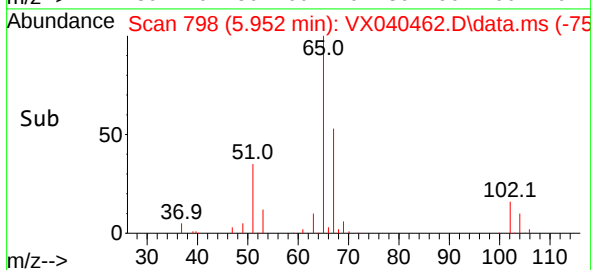
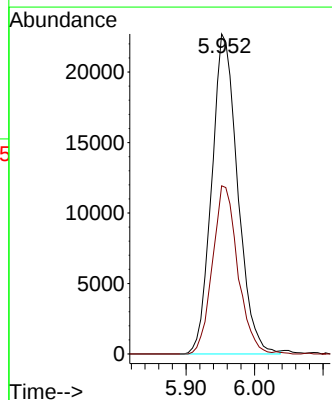
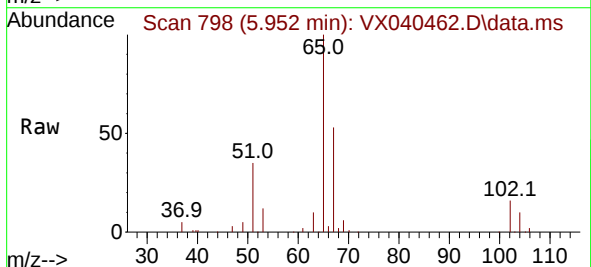
Instrument :  
MSVOA\_X  
ClientSampleId :  
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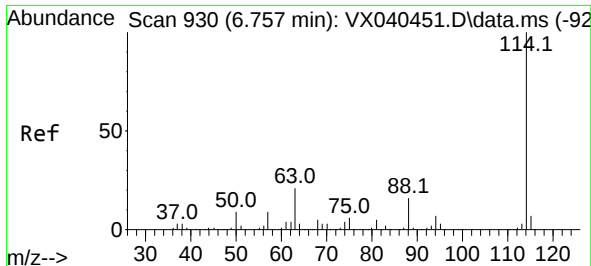
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 996   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 106.9 | 103.6 | 155.4 |
| 51       | 30.9  | 33.8  | 50.6# |
| 86       | 42.9  | 49.4  | 74.0# |



#33  
1,2-Dichloroethane-d4  
Concen: 48.113 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX040462.D  
Acq: 26 Feb 2024 15:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 59760 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 51.3  | 0.0   | 100.2 |

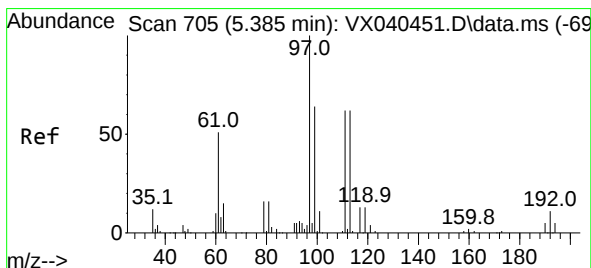
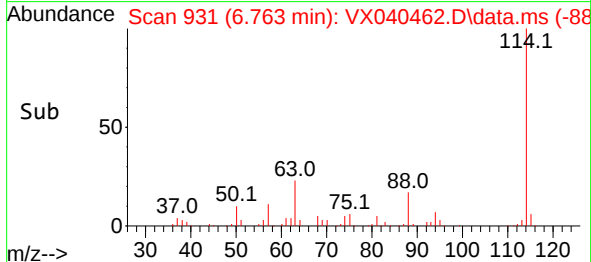
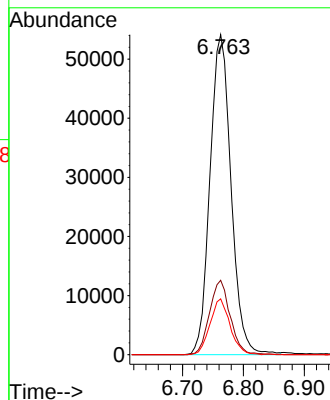
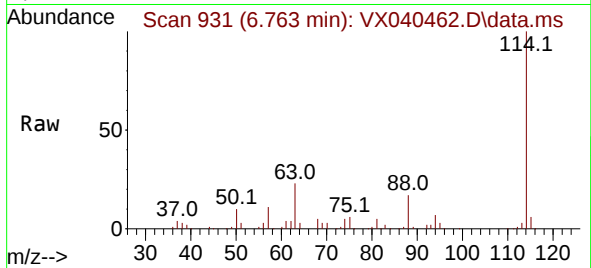




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX040462.D  
Acq: 26 Feb 2024 15:53

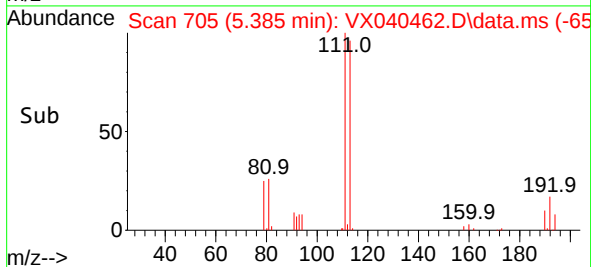
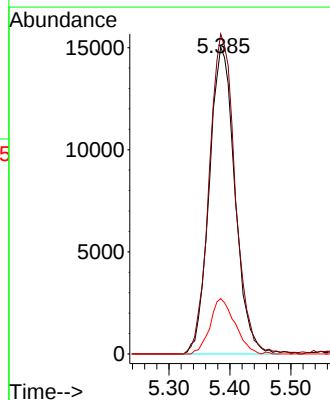
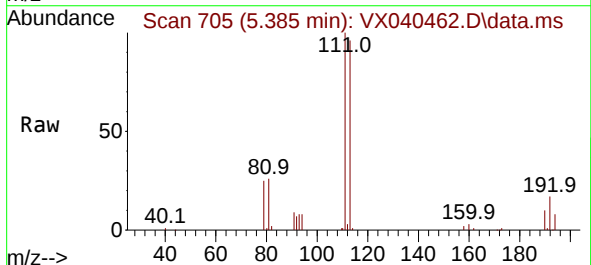
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE122D2-20240221

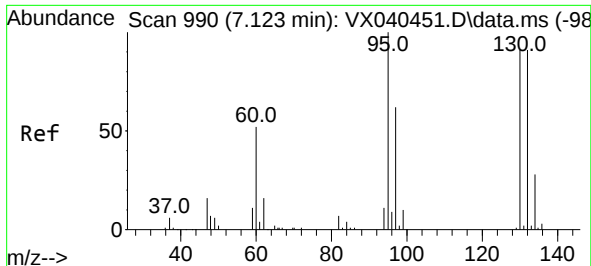
Tgt Ion:114 Resp: 130244  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 45.0  
88 17.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.547 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX040462.D  
Acq: 26 Feb 2024 15:53

Tgt Ion:113 Resp: 43969  
Ion Ratio Lower Upper  
113 100  
111 105.4 82.9 124.3  
192 17.4 13.3 19.9

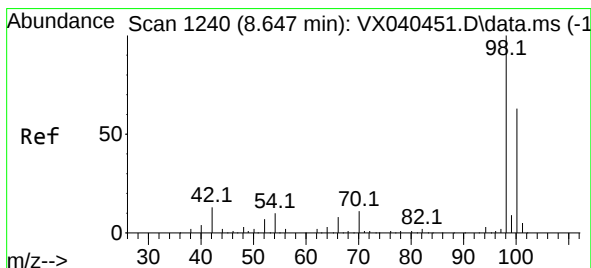
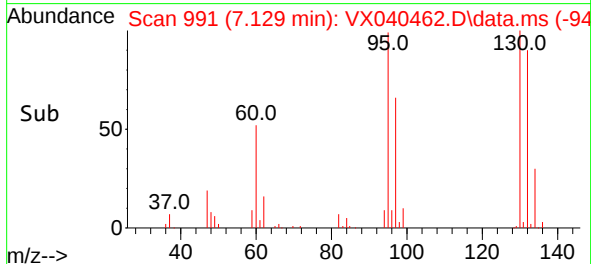
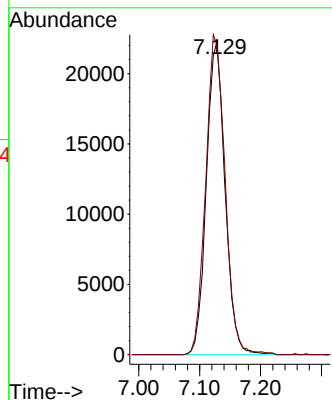
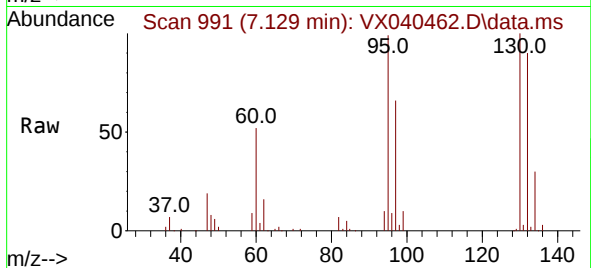




#44  
Trichloroethene  
Concen: 46.796 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX040462.D  
Acq: 26 Feb 2024 15:53

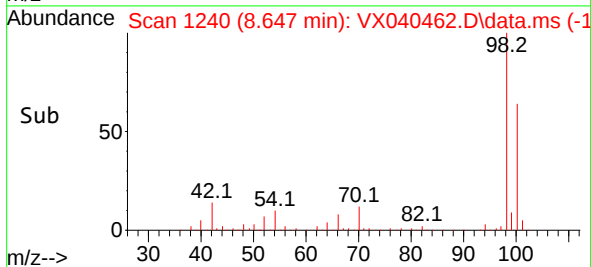
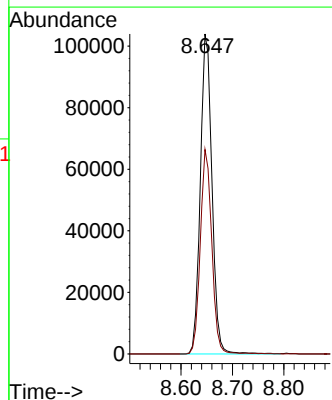
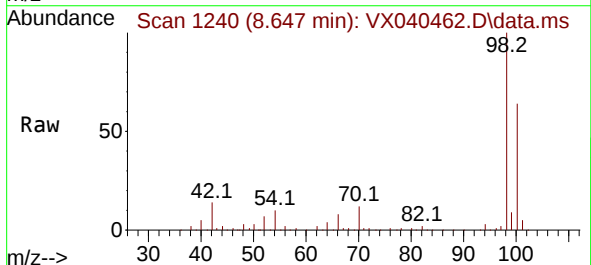
Instrument :  
MSVOA\_X  
ClientSampleId :  
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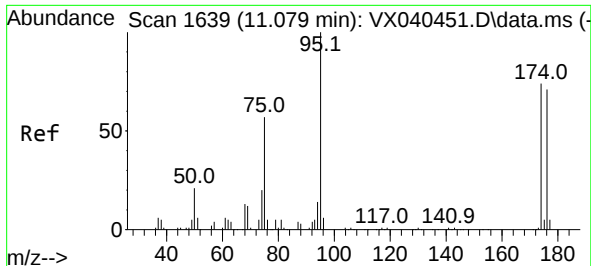
Tgt Ion:130 Resp: 47546  
Ion Ratio Lower Upper  
130 100  
95 98.7 0.0 204.4



#50  
Toluene-d8  
Concen: 49.639 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX040462.D  
Acq: 26 Feb 2024 15:53

Tgt Ion: 98 Resp: 163192  
Ion Ratio Lower Upper  
98 100  
100 63.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.990 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040462.D

Acq: 26 Feb 2024 15:53

Instrument :

MSVOA\_X

ClientSampleId :

RE122D2-20240221

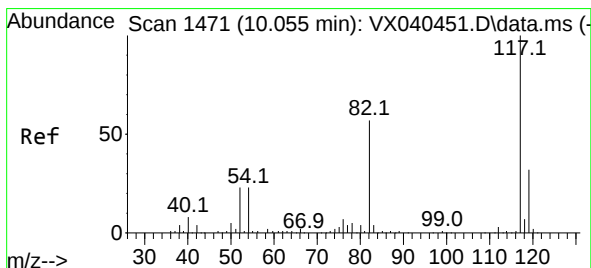
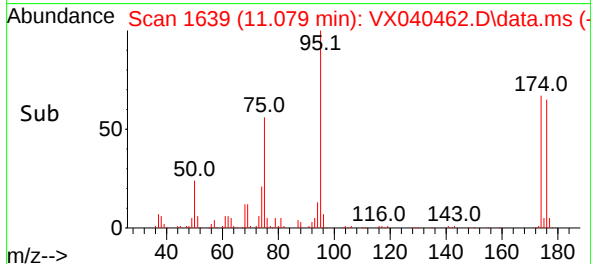
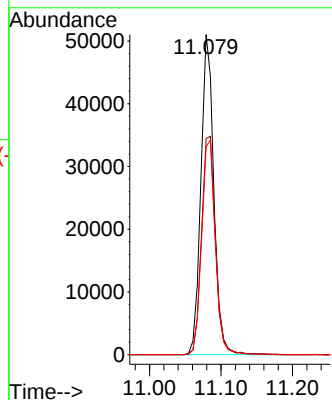
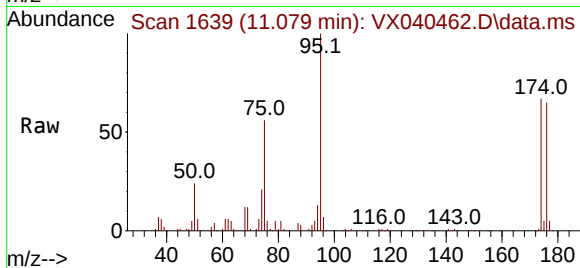
Tgt Ion: 95 Resp: 63901

Ion Ratio Lower Upper

95 100

174 73.9 0.0 135.6

176 70.9 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: VX040462.D

Acq: 26 Feb 2024 15:53

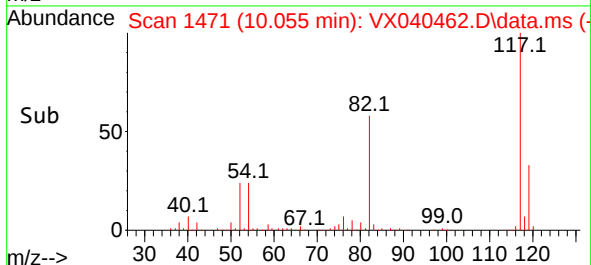
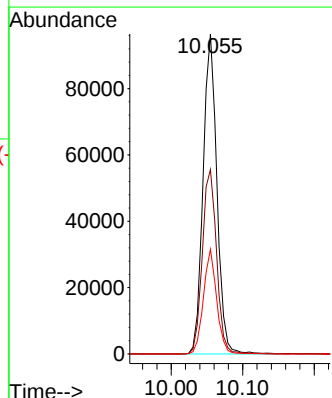
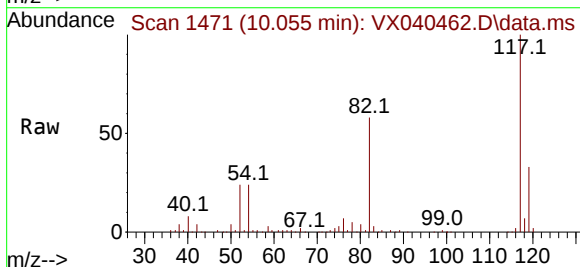
Tgt Ion: 117 Resp: 129472

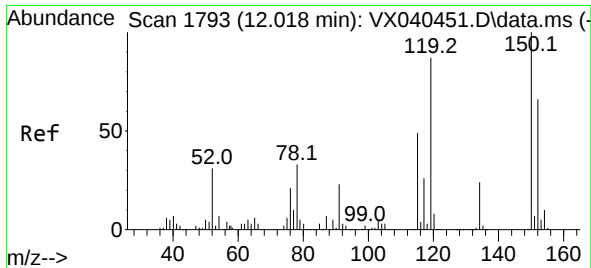
Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

119 32.7 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: VX040462.D

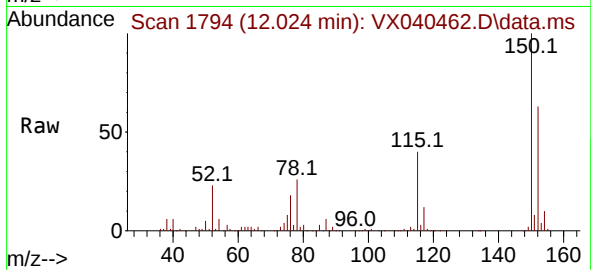
Acq: 26 Feb 2024 15:53

Instrument :

MSVOA\_X

ClientSampleId :

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Tgt Ion:152 Resp: 64197

Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 156.7 0.0 345.0

