

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022824\  
 Data File : VX040510.D  
 Acq On : 28 Feb 2024 14:31  
 Operator : JC/MD  
 Sample : P1614-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE137-SP303-B-20240227

Quant Time: Feb 29 03:49:43 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

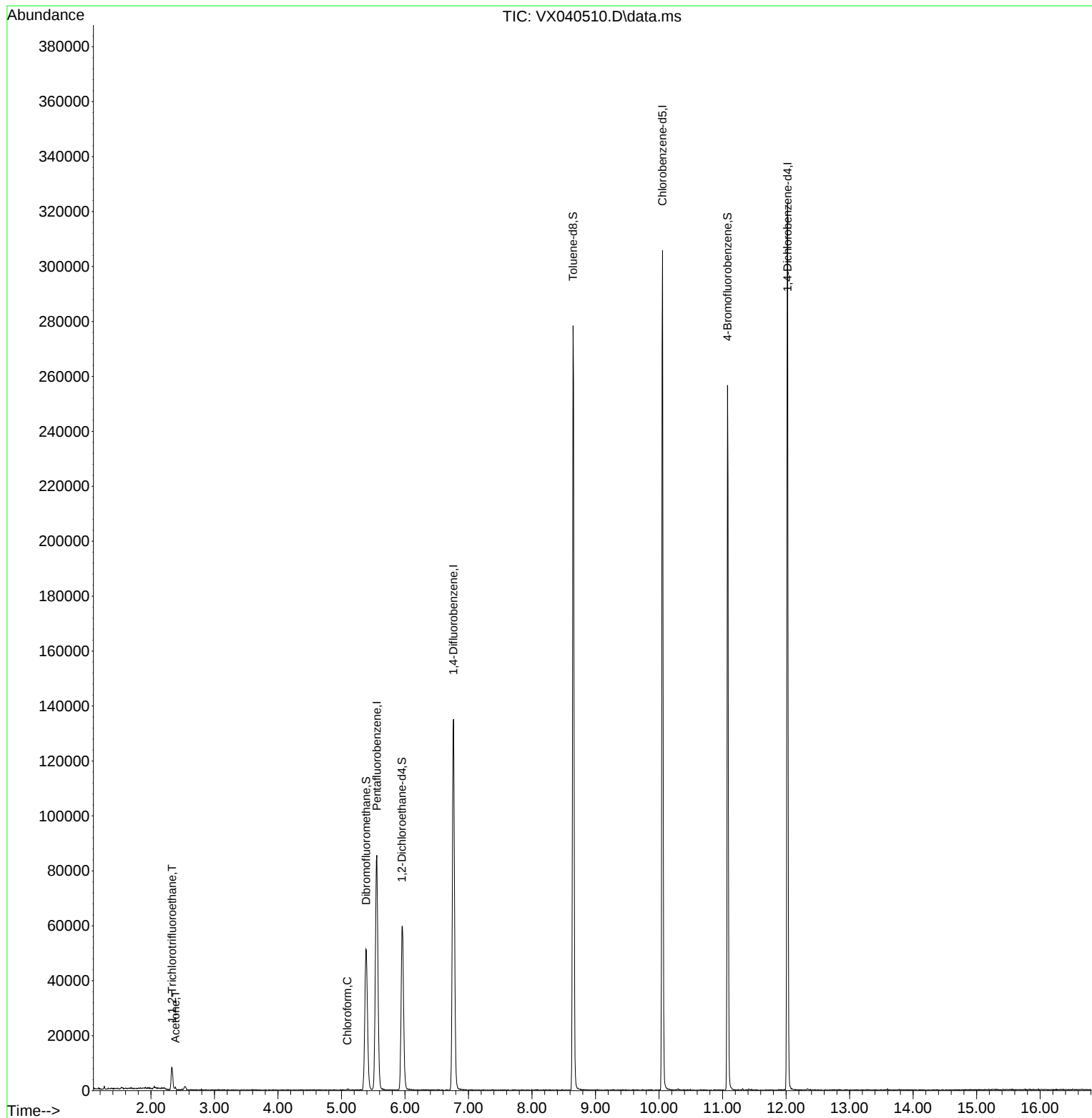
| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 75285    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 130350   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 126911   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 64115    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 61586    | 48.909   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 97.820%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 43962    | 48.499   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 97.000%  |
| 50) Toluene-d8               | 8.647  | 98    | 161327   | 49.031   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 98.060%  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 63633    | 50.735   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 101.460% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 3486     | 4.080    | ug/l   | 98       |
| 16) Acetone                  | 2.386  | 43    | 879      | 2.141    | ug/l # | 77       |
| 30) Chloroform               | 5.092  | 83    | 448      | 0.240    | ug/l   | 98       |
| -----                        |        |       |          |          |        |          |

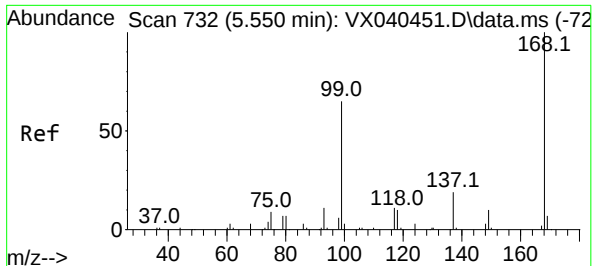
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022824\  
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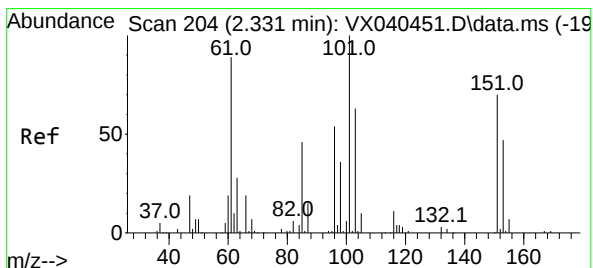
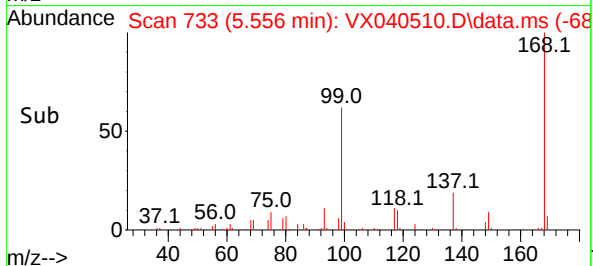
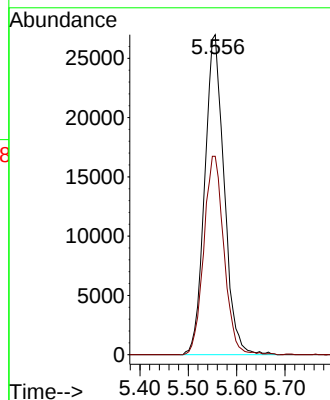
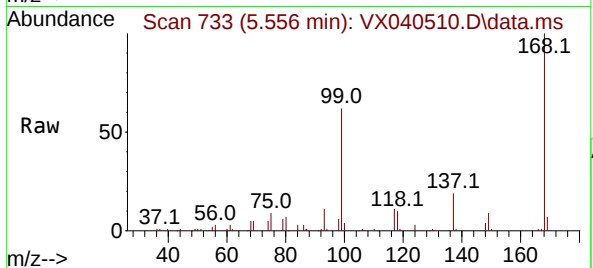




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX040510.D  
Acq: 28 Feb 2024 14:31

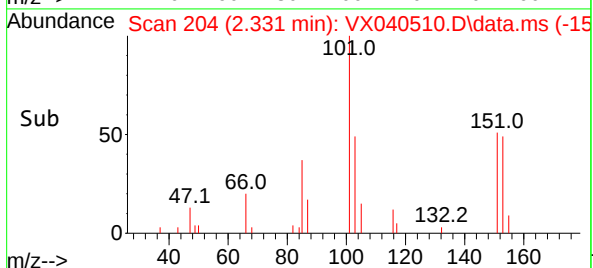
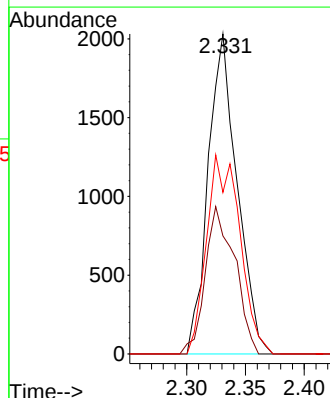
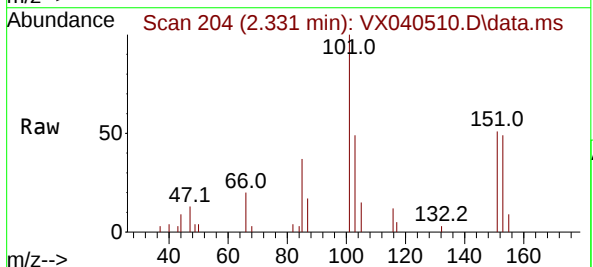
Instrument :  
MSVOA\_X  
ClientSampleId :  
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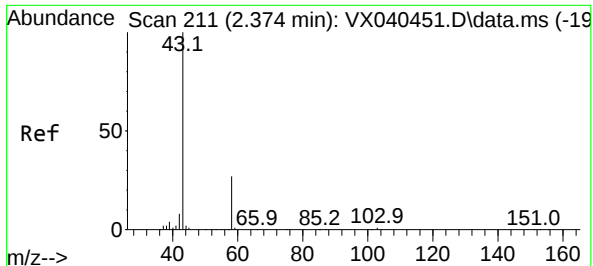
Tgt Ion:168 Resp: 75285  
Ion Ratio Lower Upper  
168 100  
99 62.0 56.6 85.0



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.080 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX040510.D  
Acq: 28 Feb 2024 14:31

Tgt Ion:101 Resp: 3486  
Ion Ratio Lower Upper  
101 100  
85 46.8 37.0 55.6  
151 71.4 58.6 87.8

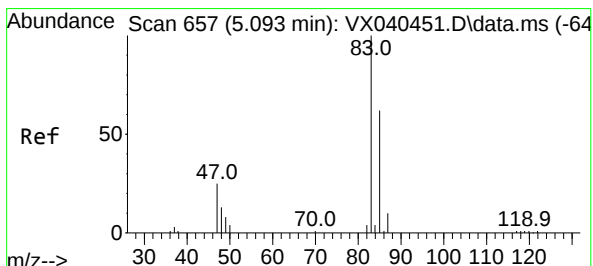
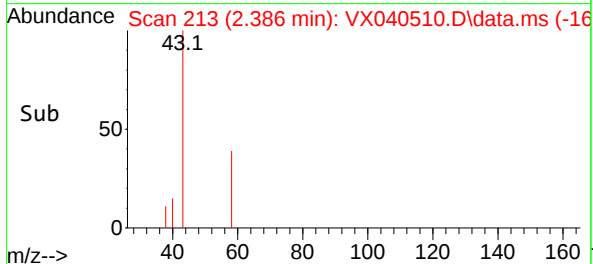
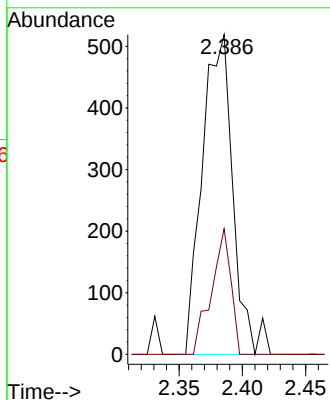
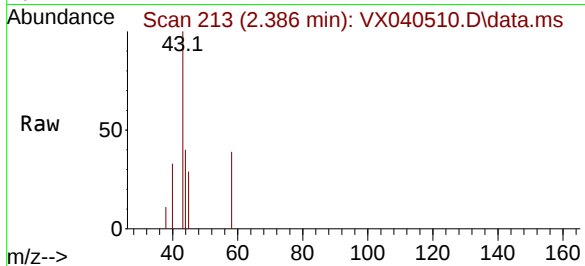




#16  
Acetone  
Concen: 2.141 ug/l  
RT: 2.386 min Scan# 211  
Delta R.T. 0.012 min  
Lab File: VX040510.D  
Acq: 28 Feb 2024 14:31

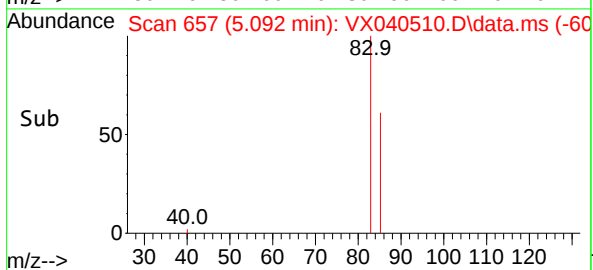
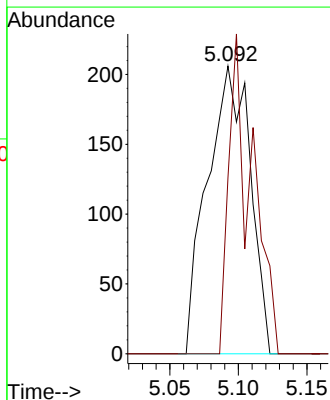
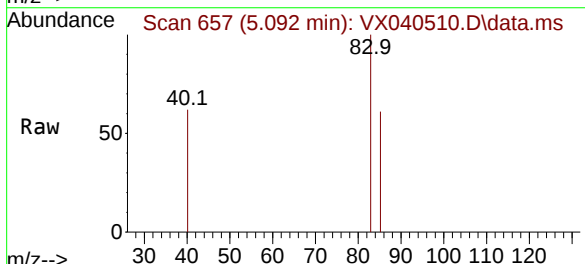
Instrument :  
MSVOA\_X  
ClientSampleId :  
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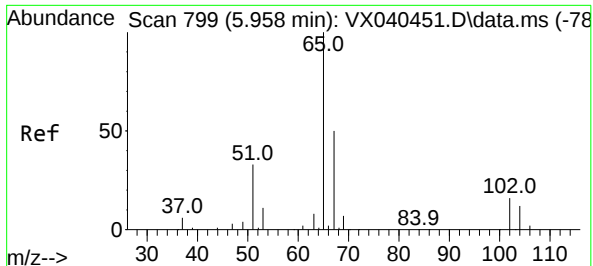
Tgt Ion: 43 Resp: 879  
Ion Ratio Lower Upper  
43 100  
58 39.3 21.9 32.9#



#30  
Chloroform  
Concen: 0.240 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. -0.000 min  
Lab File: VX040510.D  
Acq: 28 Feb 2024 14:31

Tgt Ion: 83 Resp: 448  
Ion Ratio Lower Upper  
83 100  
85 61.2 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 48.909 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040510.D

Acq: 28 Feb 2024 14:31

Instrument :

MSVOA\_X

ClientSampleId :

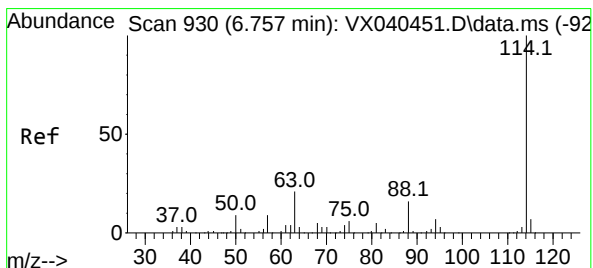
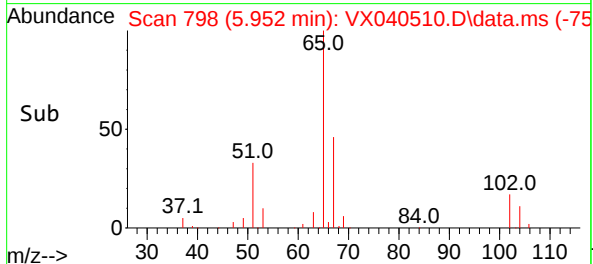
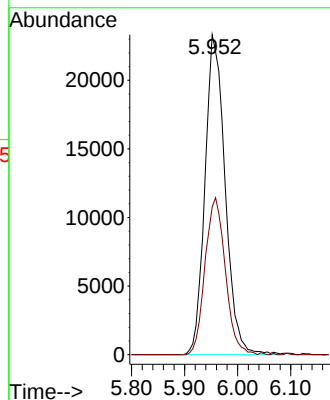
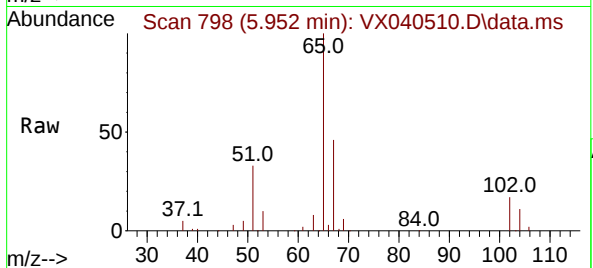
RE137-SP303-B-20240227

Tgt Ion: 65 Resp: 61586

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040510.D

Acq: 28 Feb 2024 14:31

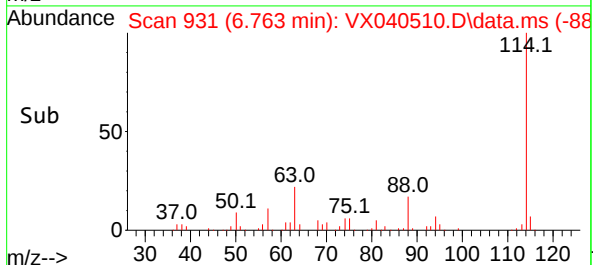
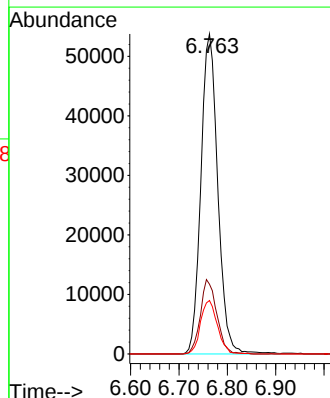
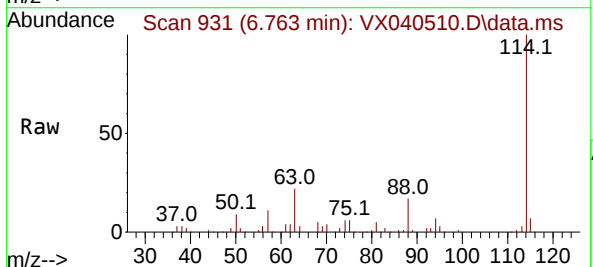
Tgt Ion:114 Resp: 130350

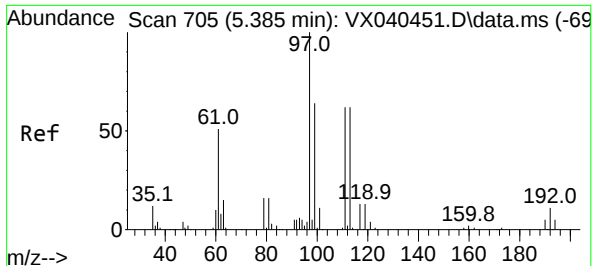
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.499 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040510.D

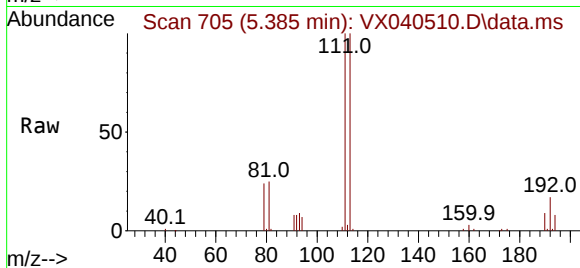
Acq: 28 Feb 2024 14:31

Instrument :

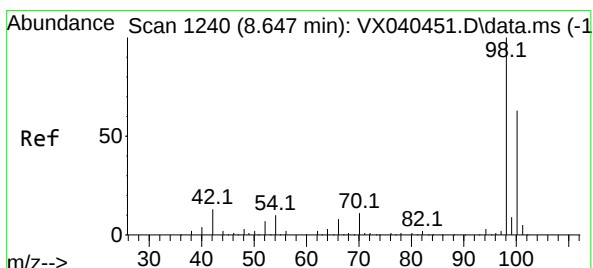
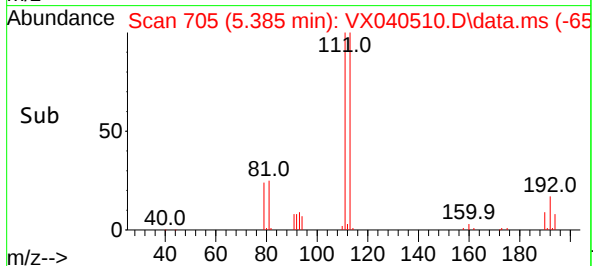
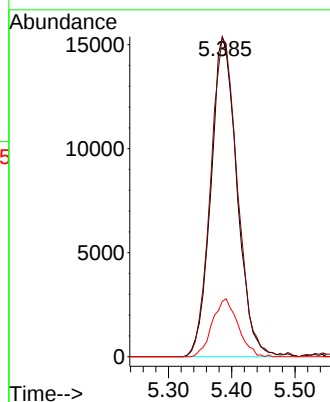
MSVOA\_X

ClientSampleId :

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 43962 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.7 | 82.9  | 124.3 |
| 192      | 17.9  | 13.3  | 19.9  |



#50

Toluene-d8

Concen: 49.031 ug/l

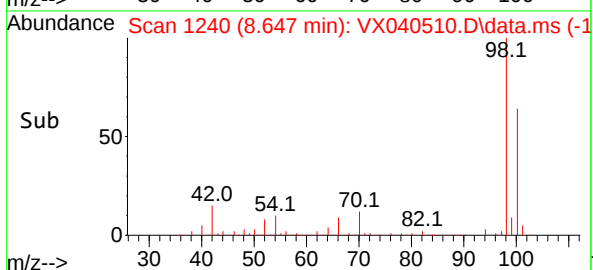
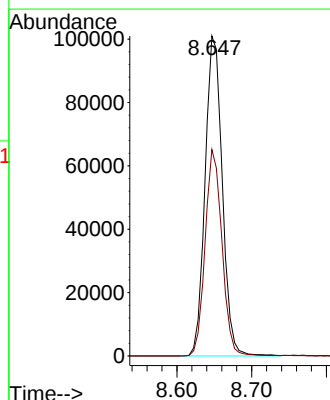
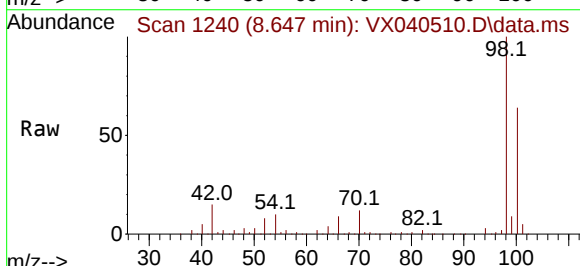
RT: 8.647 min Scan# 1240

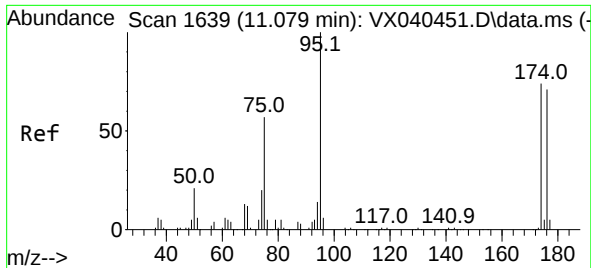
Delta R.T. -0.000 min

Lab File: VX040510.D

Acq: 28 Feb 2024 14:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 161327 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.2  | 53.1  | 79.7   |

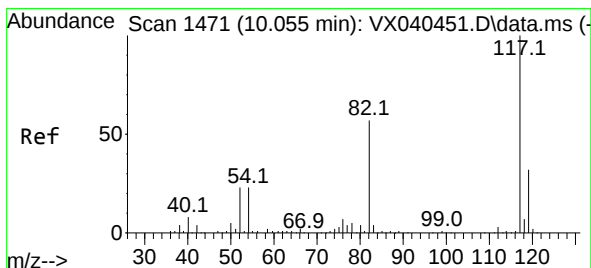
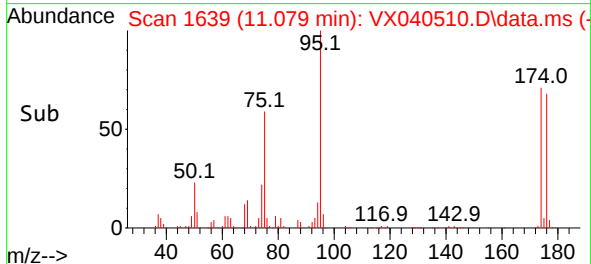
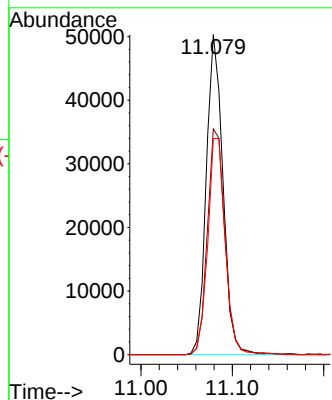
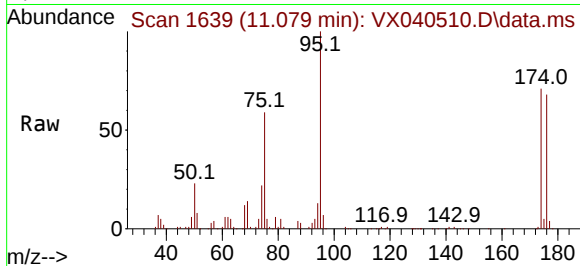




#62  
4-Bromofluorobenzene  
Concen: 50.735 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040510.D  
Acq: 28 Feb 2024 14:31

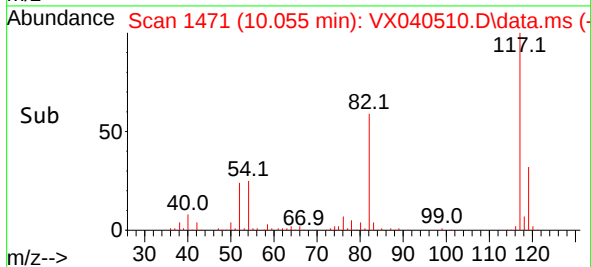
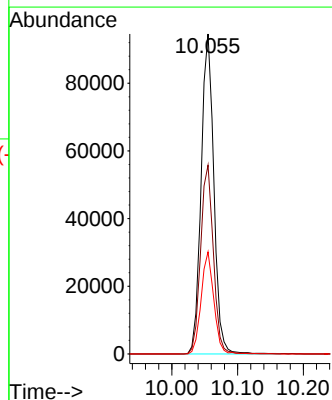
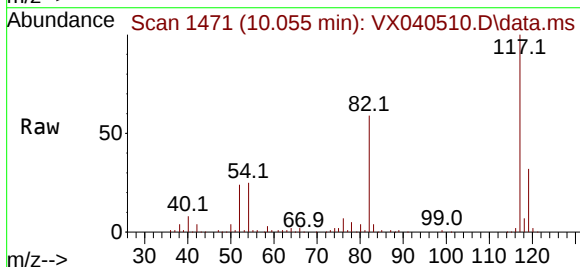
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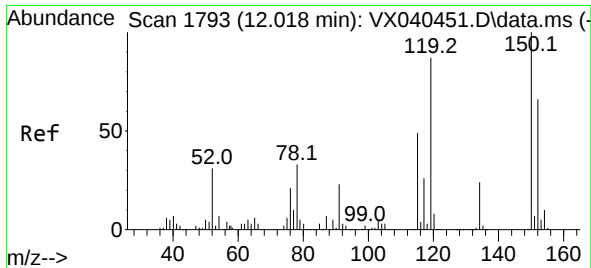
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 95    | Resp: | 63633 |
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 174      | 74.2  | 0.0   | 135.6 |
| 176      | 71.1  | 0.0   | 131.0 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040510.D  
Acq: 28 Feb 2024 14:31

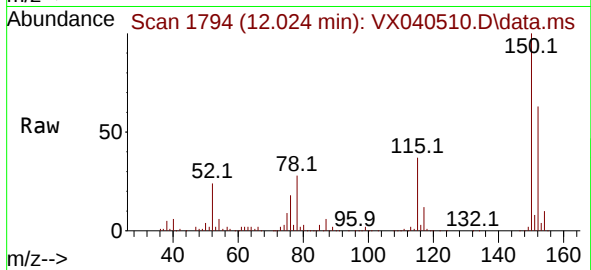
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 126911 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 59.0  | 46.2  | 69.4   |
| 119      | 31.9  | 25.5  | 38.3   |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX040510.D  
Acq: 28 Feb 2024 14:31

Instrument :  
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| Tgt Ion: | 152   | Resp: | 64115 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 61.3  | 43.3  | 129.9 |
| 150      | 155.3 | 0.0   | 345.0 |

