

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020224\  
 Data File : VX040082.D  
 Acq On : 02 Feb 2024 13:21  
 Operator : JC/MD  
 Sample : P1342-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-20240131

Quant Time: Feb 03 02:14:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 01 05:44:39 2024  
 Response via : Initial Calibration

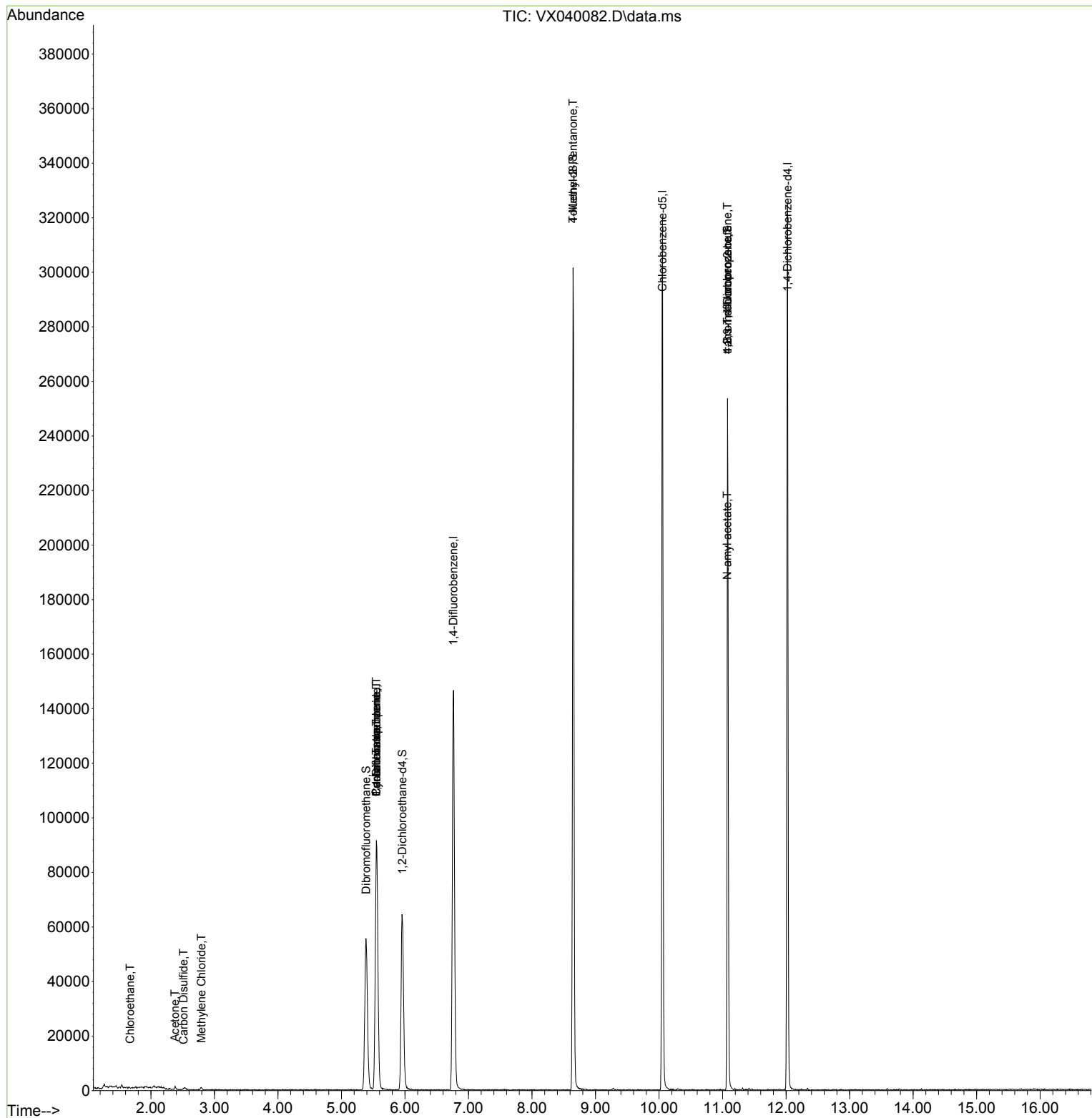
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 83207      | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 147654     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 139866     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 64868      | 50.000  | ug/l   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 62518      | 46.686  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 93.380% |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 48472      | 48.225  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 96.440% |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 175397     | 46.662  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 93.320% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 66791      | 46.146  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 92.300% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 6) Chloroethane               | 1.672          | 64   | 200        | 0.369   | ug/l # | 43       |
| 16) Acetone                   | 2.379          | 43   | 1107       | 1.764   | ug/l   | 100      |
| 17) Carbon Disulfide          | 2.514          | 76   | 582        | 0.213   | ug/l # | 76       |
| 20) Methylene Chloride        | 2.794          | 84   | 424        | 0.380   | ug/l # | 89       |
| 31) Cyclohexane               | 5.550          | 56   | 2122       | 1.265   | ug/l # | 9        |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 7070       | 4.864   | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 8788       | 6.318   | ug/l # | 14       |
| 51) 4-Methyl-2-Pentanone      | 8.647          | 43   | 902        | 0.528   | ug/l # | 1        |
| 74) N-amyl acetate            | 11.073         | 43   | 36         | 0.215   | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 37406      | 27.079  | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 37406      | 79.019  | ug/l # | 5        |
| -----                         |                |      |            |         |        |          |

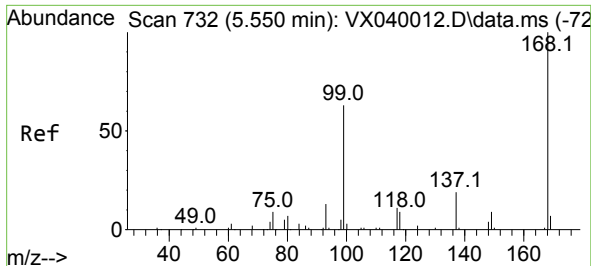
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020224\  
Data File : VX040082.D  
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Sample : P1342-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20240131

Quant Time: Feb 03 02:14:52 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 01 05:44:39 2024  
Response via : Initial Calibration

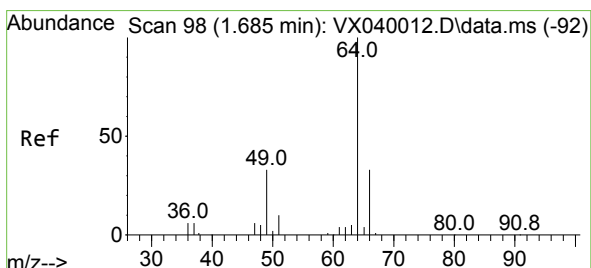
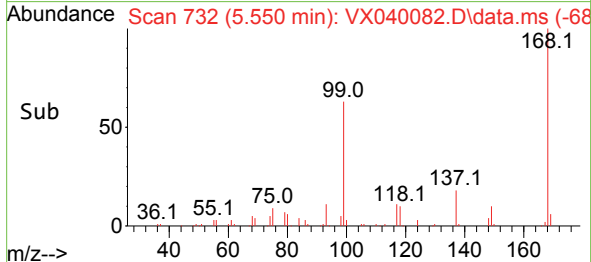
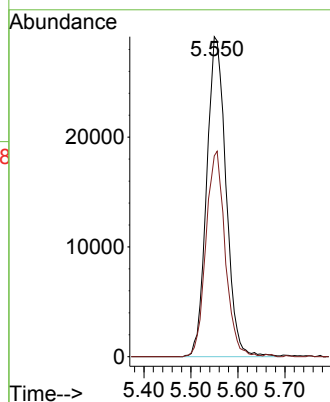
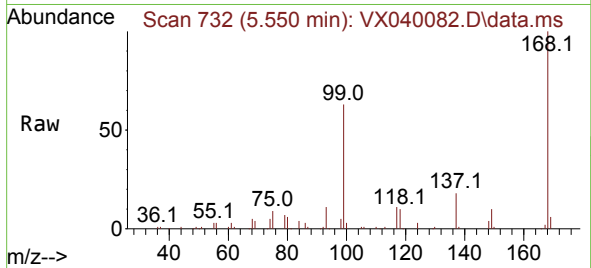




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

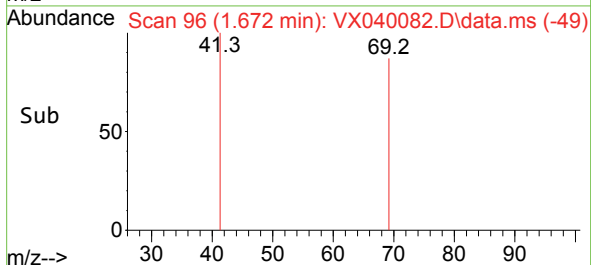
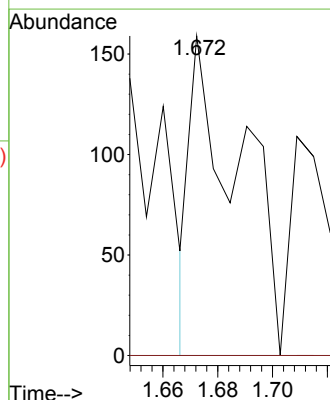
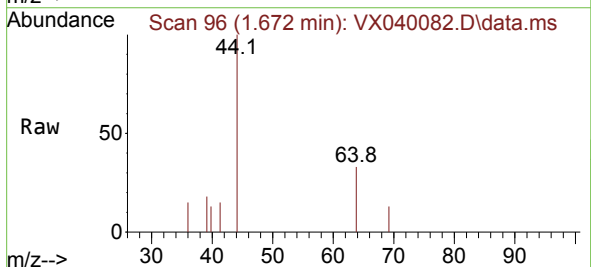
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20240131

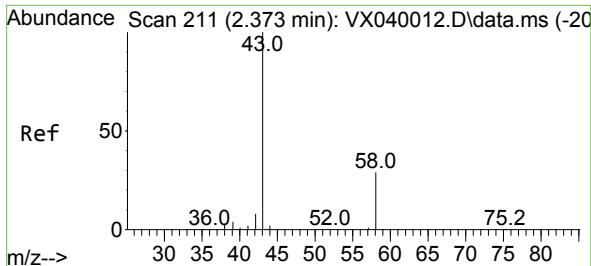
Tgt Ion:168 Resp: 83207  
Ion Ratio Lower Upper  
168 100  
99 62.8 56.6 85.0



#6  
Chloroethane  
Concen: 0.369 ug/l  
RT: 1.672 min Scan# 96  
Delta R.T. -0.012 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

Tgt Ion: 64 Resp: 200  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.1 37.7#





#16

Acetone

Concen: 1.764 ug/l

RT: 2.379 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX040082.D

Acq: 02 Feb 2024 13:21

Instrument :

MSVOA\_X

ClientSampleId :

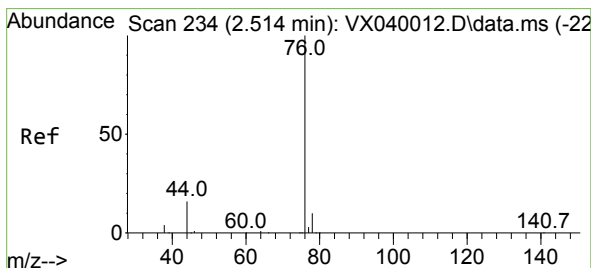
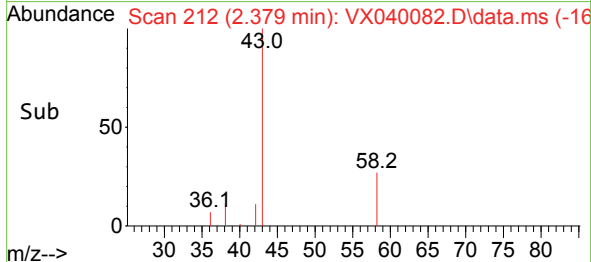
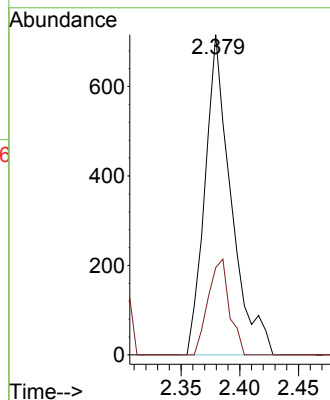
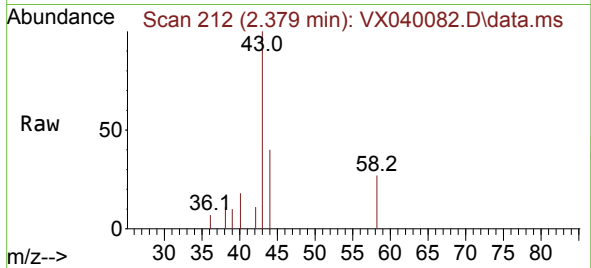
TB-20240131

Tgt Ion: 43 Resp: 1107

Ion Ratio Lower Upper

43 100

58 27.2 21.9 32.9



#17

Carbon Disulfide

Concen: 0.213 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX040082.D

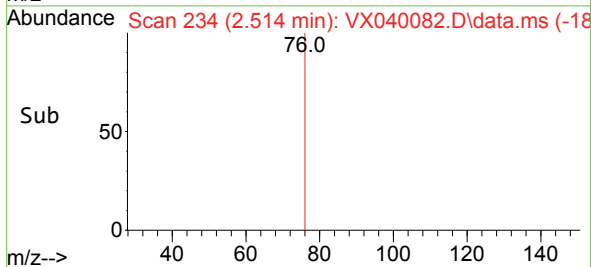
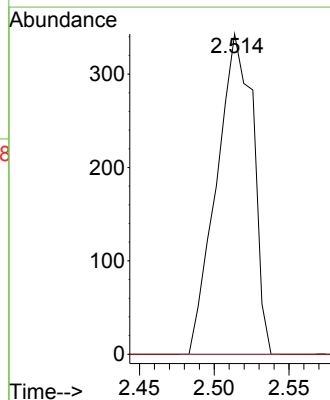
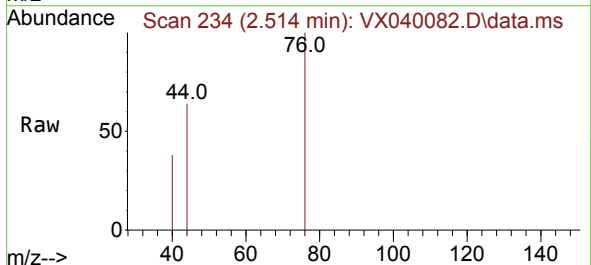
Acq: 02 Feb 2024 13:21

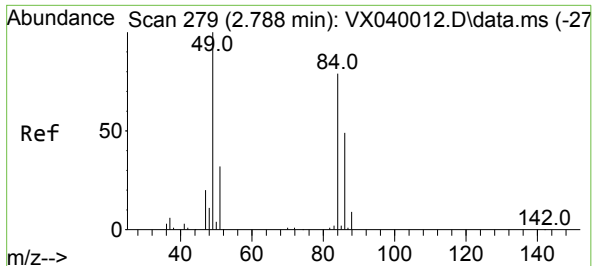
Tgt Ion: 76 Resp: 582

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

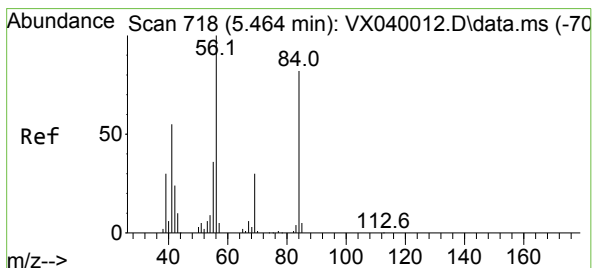
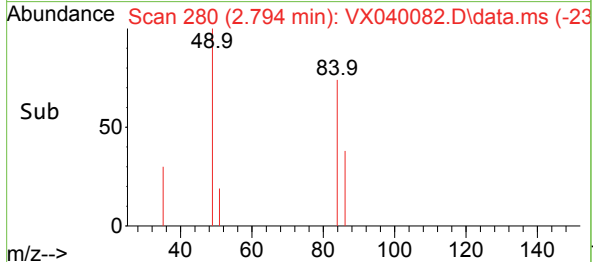
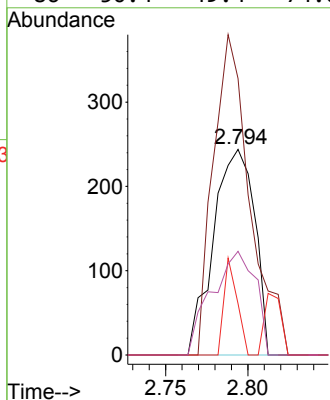
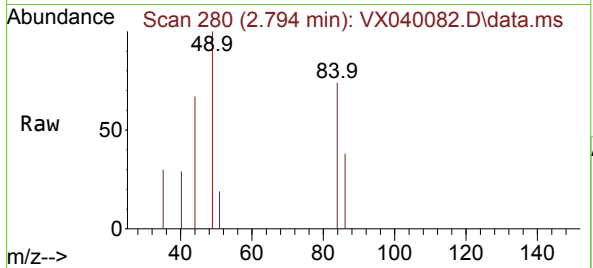




#20  
Methylene Chloride  
Concen: 0.380 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

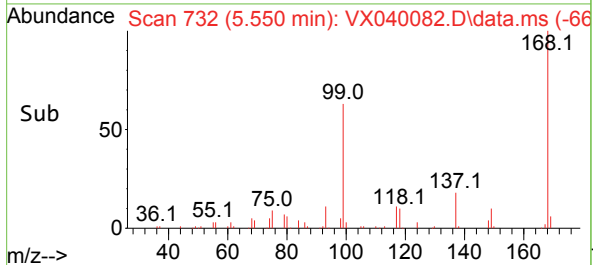
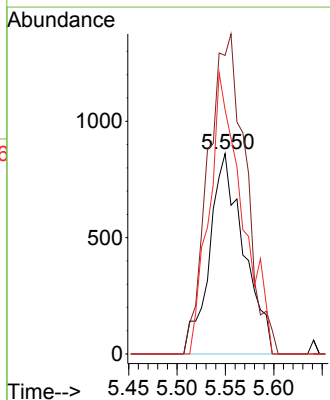
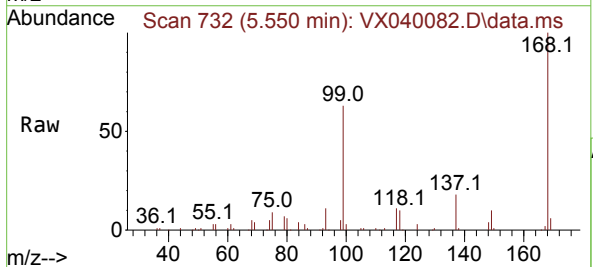
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20240131

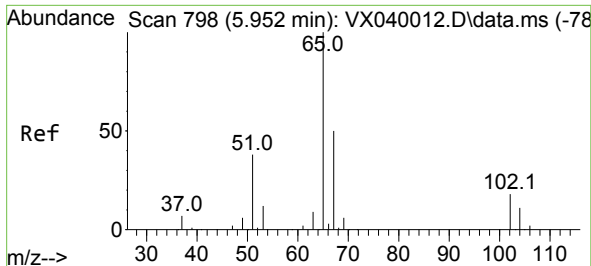
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 424   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 134.4 | 103.6 | 155.4 |
| 51       | 25.0  | 33.8  | 50.6# |
| 86       | 50.4  | 49.4  | 74.0  |



#31  
Cyclohexane  
Concen: 1.265 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.085 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 2122  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 149.0 | 23.4  | 35.2# |
| 84       | 121.8 | 65.9  | 98.9# |

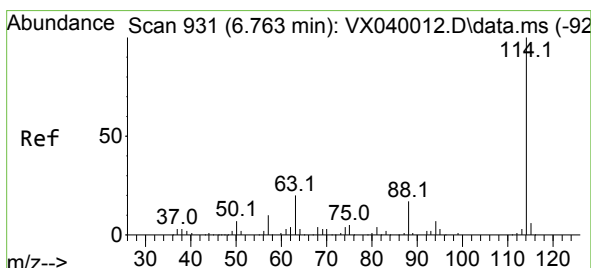
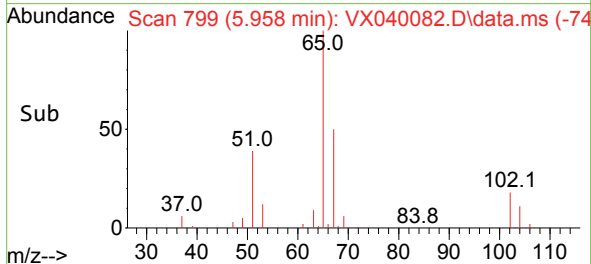
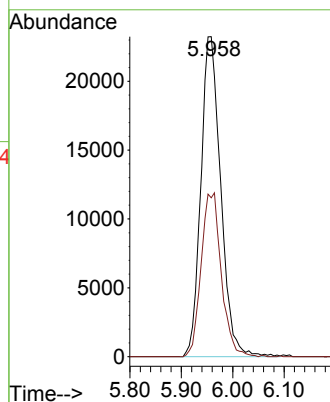
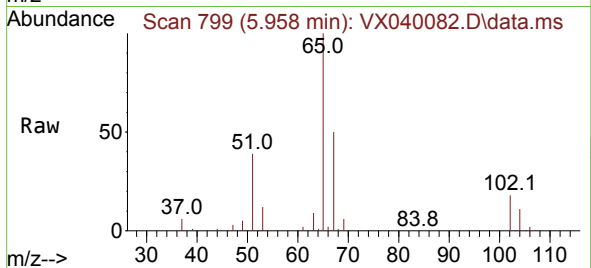




#33  
1,2-Dichloroethane-d4  
Concen: 46.686 ug/l  
RT: 5.958 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

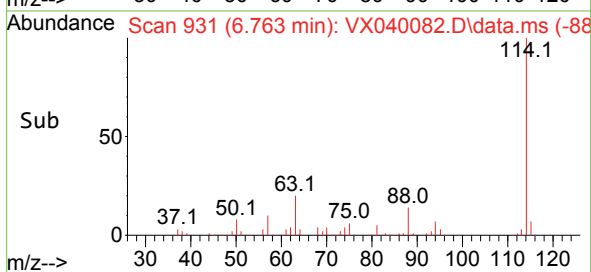
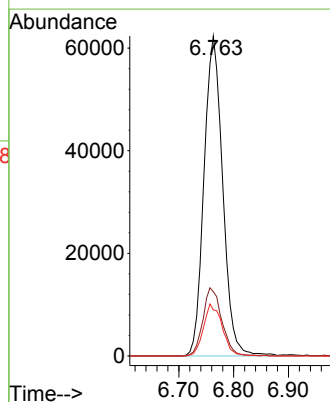
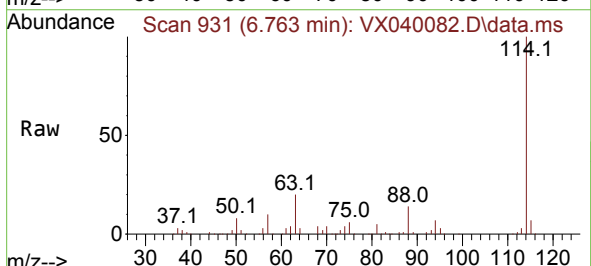
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20240131

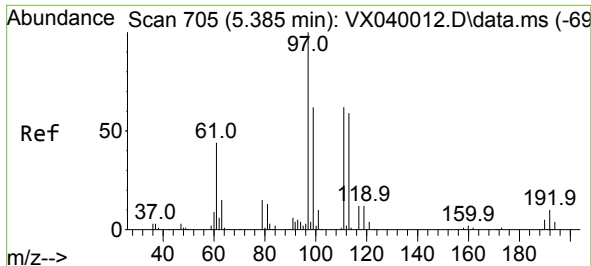
Tgt Ion: 65 Resp: 62518  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

Tgt Ion: 114 Resp: 147654  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 45.0  
88 14.4 0.0 36.6

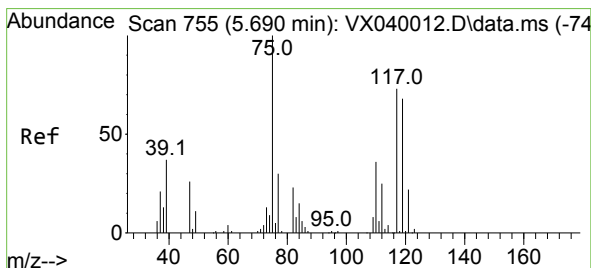
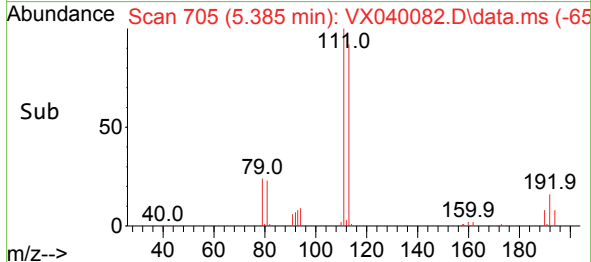
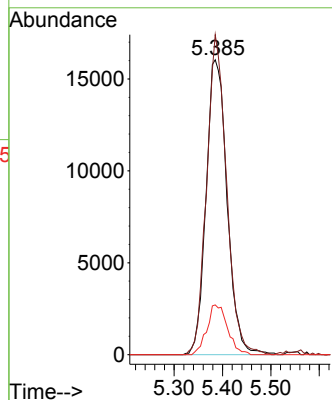
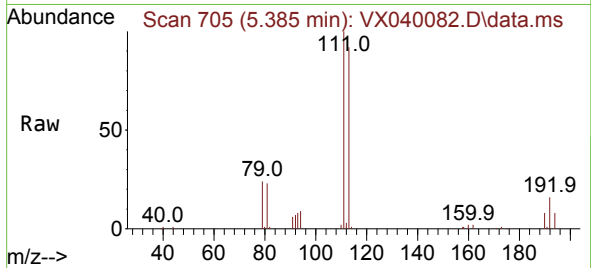




#35  
Dibromofluoromethane  
Concen: 48.225 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

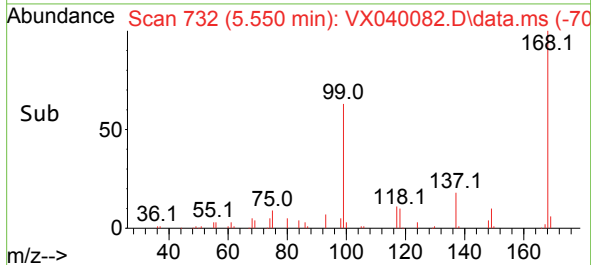
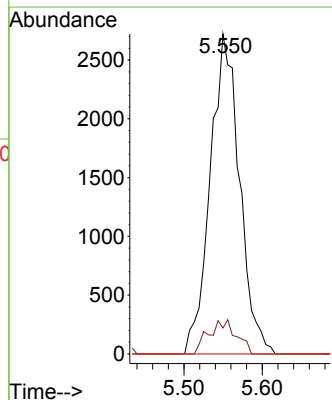
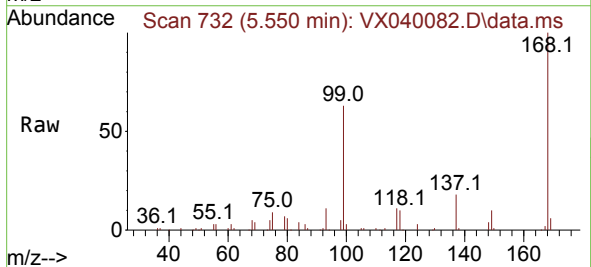
Instrument :  
MSVOA\_X  
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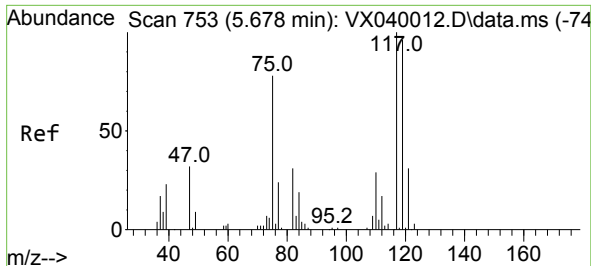
Tgt Ion:113 Resp: 48472  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.9 124.3  
192 16.6 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 4.864 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.140 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

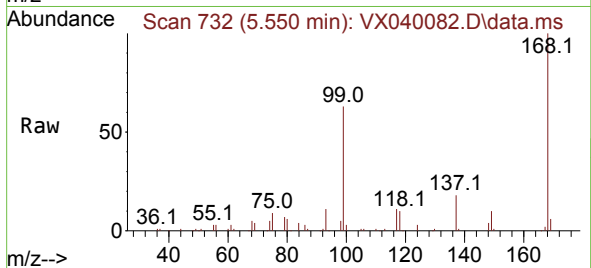
Tgt Ion: 75 Resp: 7070  
Ion Ratio Lower Upper  
75 100  
110 10.0 17.0 50.9#  
77 0.0 24.7 37.1#



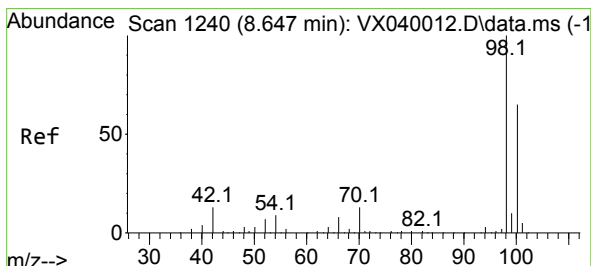
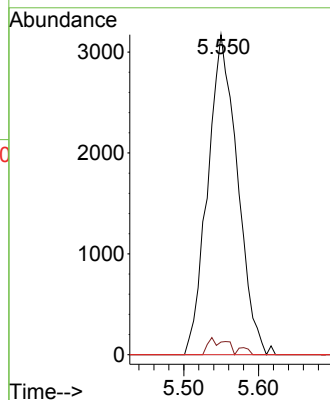
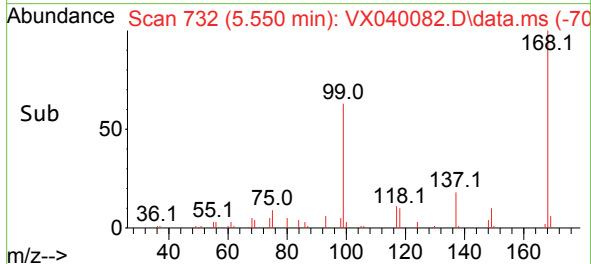


#38  
Carbon Tetrachloride  
Concen: 6.318 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20240131

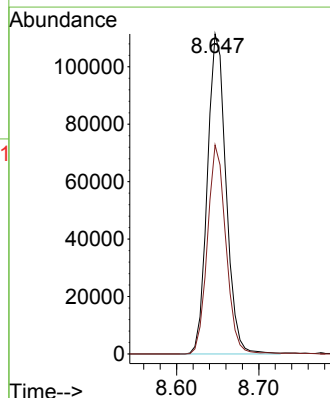
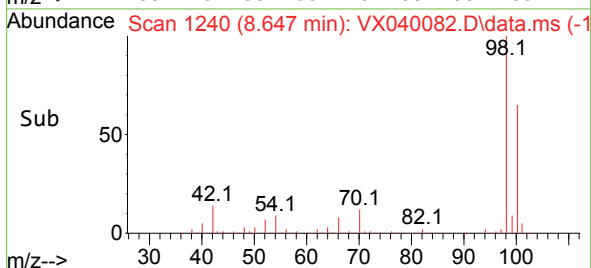
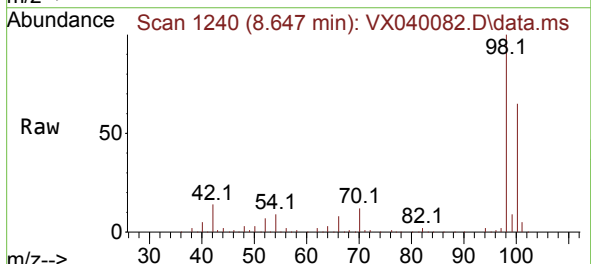


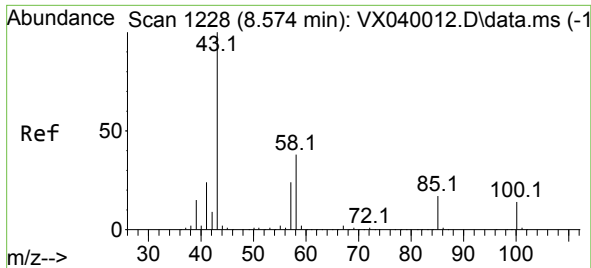
Tgt Ion:117 Resp: 8788  
Ion Ratio Lower Upper  
117 100  
119 3.9 78.2 117.2#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 46.662 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

Tgt Ion: 98 Resp: 175397  
Ion Ratio Lower Upper  
98 100  
100 64.7 53.1 79.7

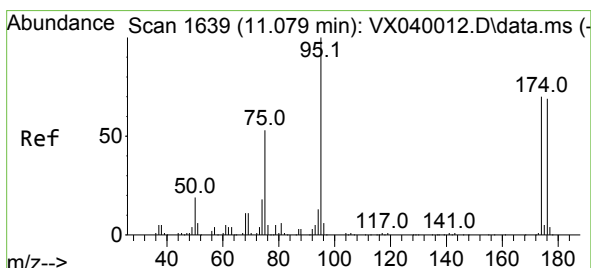
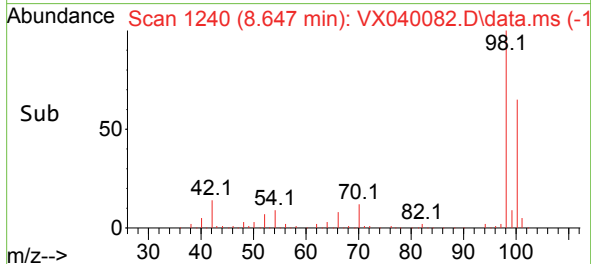
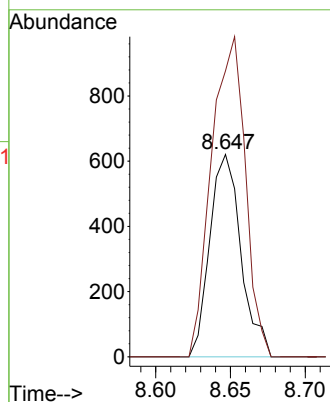
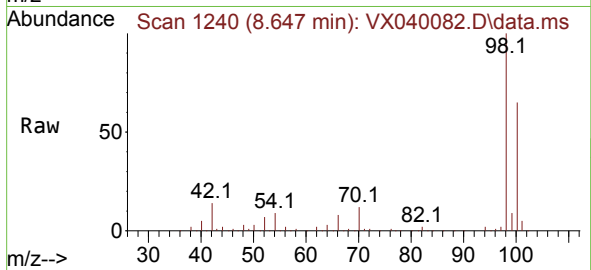




#51  
4-Methyl-2-Pentanone  
Concen: 0.528 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

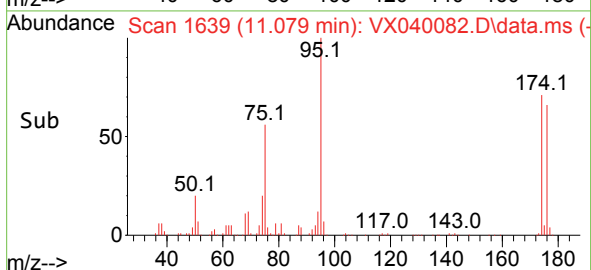
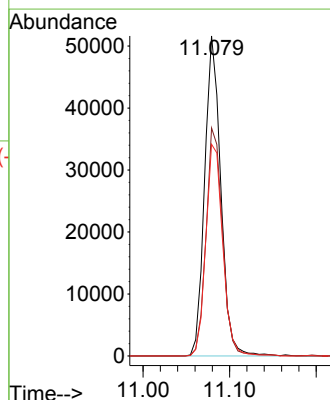
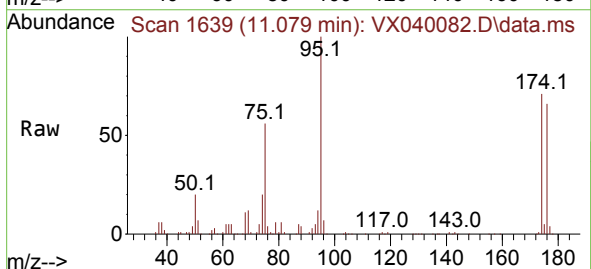
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20240131

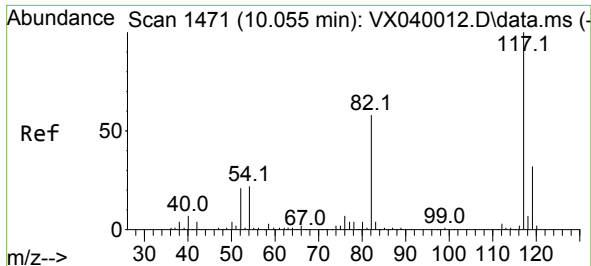
Tgt Ion: 43 Resp: 902  
Ion Ratio Lower Upper  
43 100  
58 171.4 30.4 45.6#



#62  
4-Bromofluorobenzene  
Concen: 46.146 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

Tgt Ion: 95 Resp: 66791  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 135.6  
176 69.4 0.0 131.0

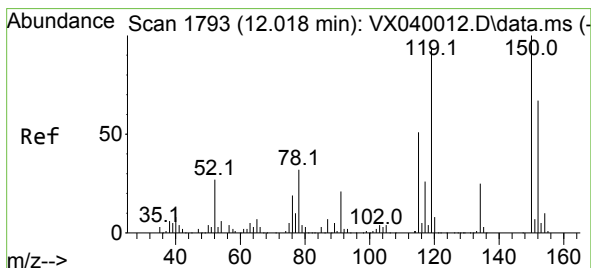
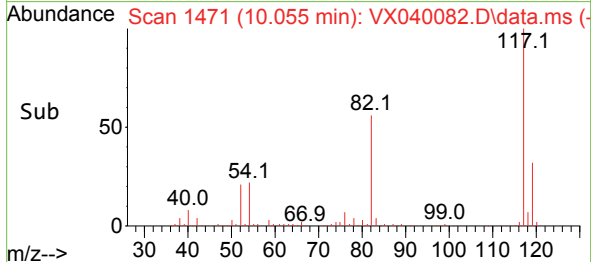
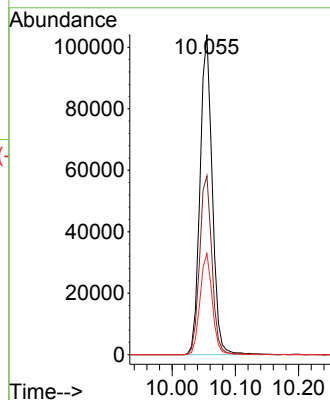
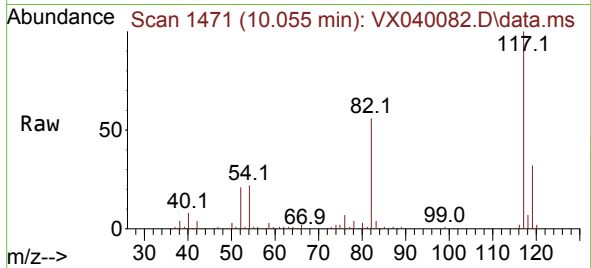




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

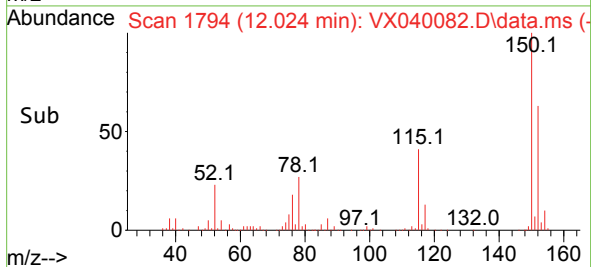
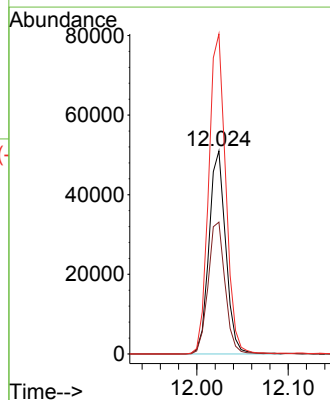
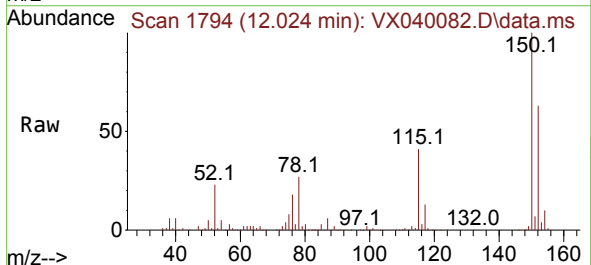
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20240131

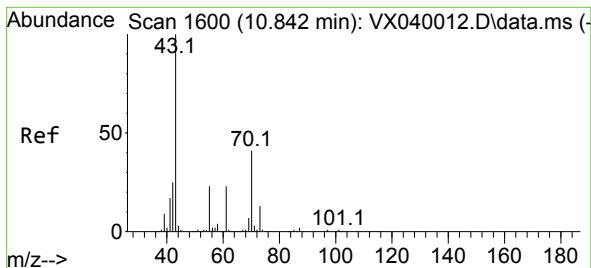
Tgt Ion:117 Resp: 139866  
Ion Ratio Lower Upper  
117 100  
82 55.9 46.2 69.4  
119 31.6 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX040082.D  
Acq: 02 Feb 2024 13:21

Tgt Ion:152 Resp: 64868  
Ion Ratio Lower Upper  
152 100  
115 66.1 43.3 129.9  
150 160.4 0.0 345.0





#74

N-amy1 acetate

Concen: 0.215 ug/l

RT: 11.073 min Scan# 1

Delta R.T. 0.231 min

Lab File: VX040082.D

Acq: 02 Feb 2024 13:21

Instrument :

MSVOA\_X

ClientSampleId :

TB-20240131

Tgt Ion: 43 Resp: 36

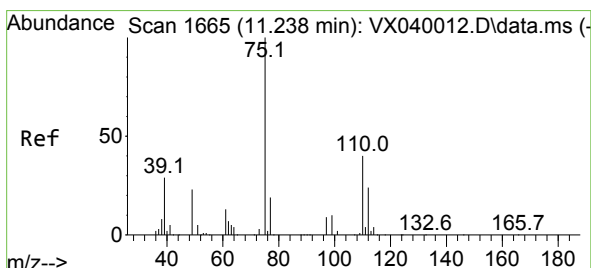
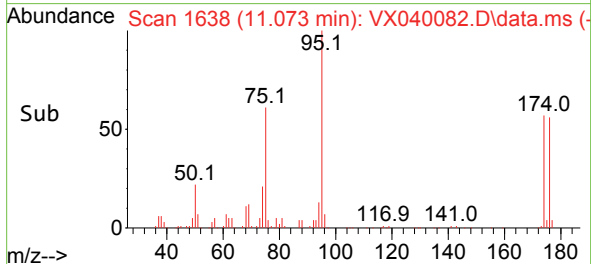
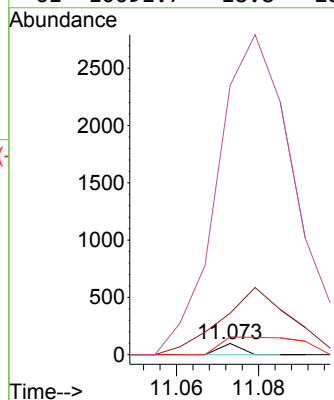
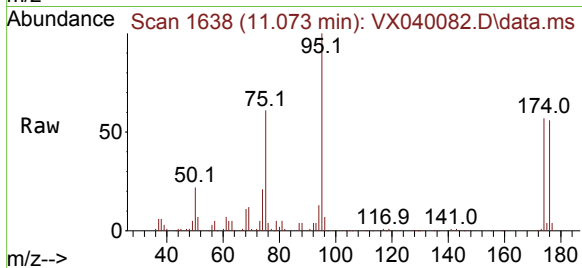
Ion Ratio Lower Upper

43 100

70 1930.6 32.9 49.3#

55 577.8 19.3 28.9#

61 10091.7 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 27.079 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040082.D

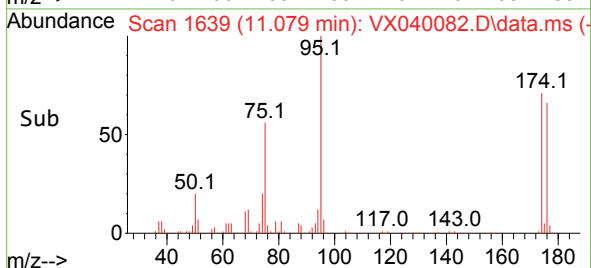
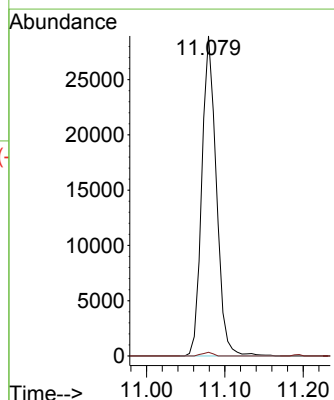
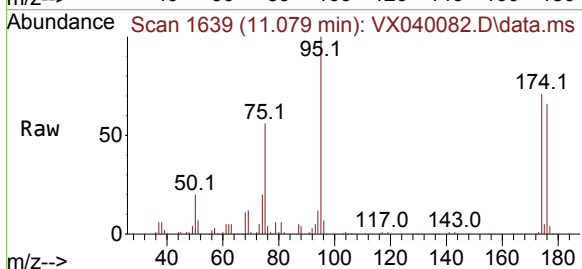
Acq: 02 Feb 2024 13:21

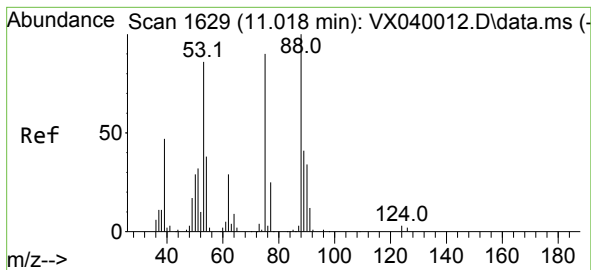
Tgt Ion: 75 Resp: 37406

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 79.019 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX040082.D  
 Acq: 02 Feb 2024 13:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-20240131

Tgt Ion: 75 Resp: 37406  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.2 36.9 55.3#

