

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020124\  
 Data File : VX040067.D  
 Acq On : 01 Feb 2024 13:38  
 Operator : JC/MD  
 Sample : P1325-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-013124

Quant Time: Feb 02 01:40:12 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

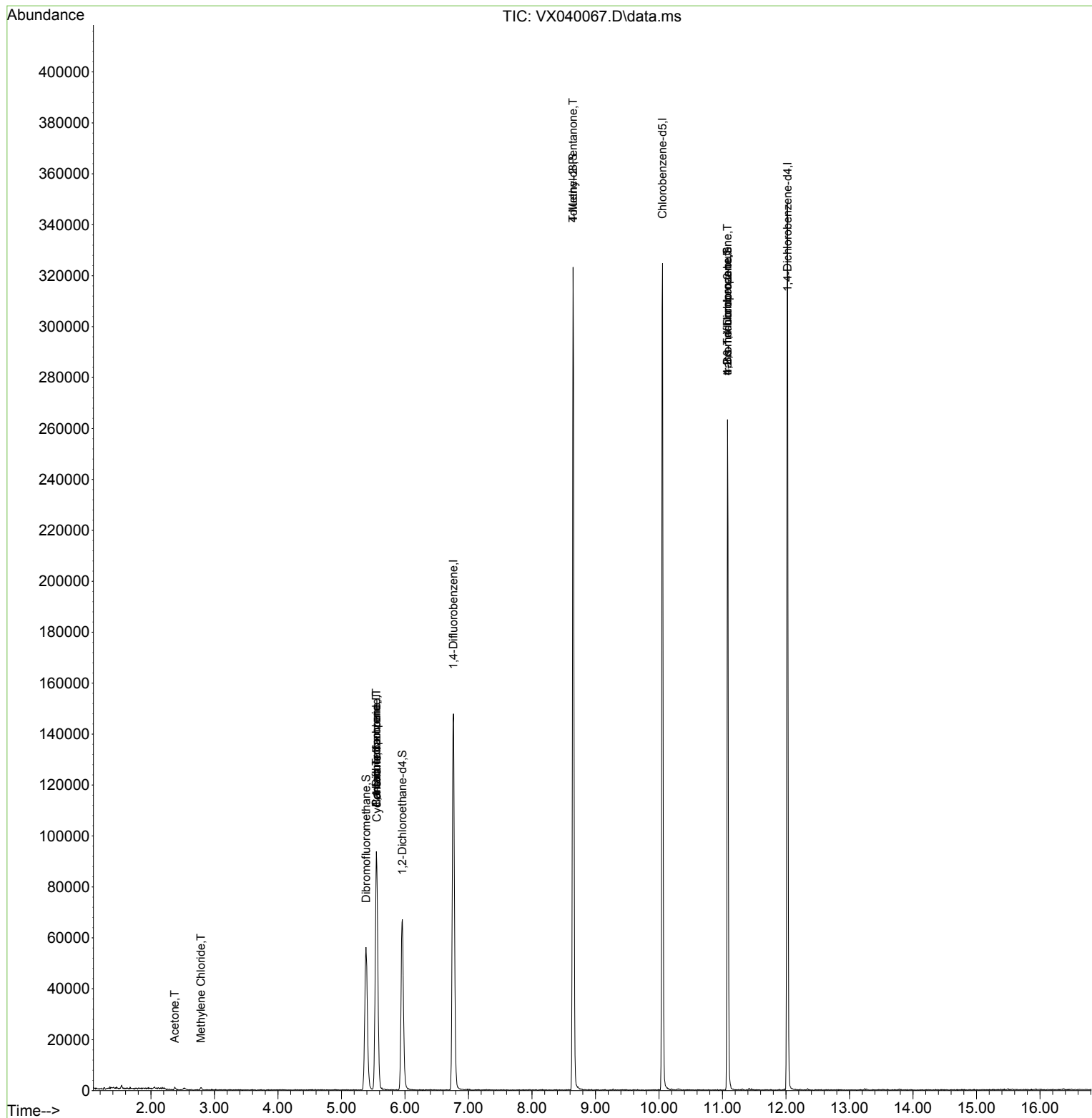
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 83420    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 150875   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 142299   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 70411    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 61738    | 45.986   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 91.980%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 48279    | 47.007   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 94.020%  |
| 50) Toluene-d8                | 8.647  | 98    | 187897   | 48.920   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 97.840%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 69621    | 47.075   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 94.140%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Acetone                   | 2.374  | 43    | 1073     | 1.706    | ug/l   | 100      |
| 20) Methylene Chloride        | 2.788  | 84    | 402      | 0.360    | ug/l # | 76       |
| 31) Cyclohexane               | 5.556  | 56    | 2165     | 1.287    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 7538     | 5.075    | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 9009     | 6.339    | ug/l # | 14       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 985      | 0.564    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 37621    | 25.090   | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 37621    | 74.144   | ug/l # | 5        |
| -----                         |        |       |          |          |        |          |

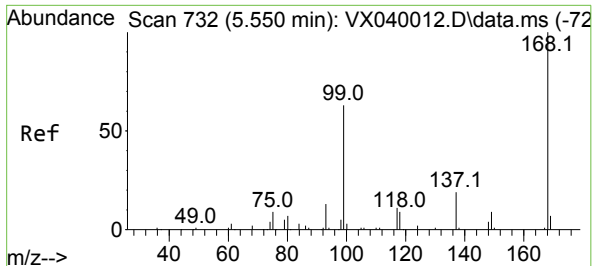
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 02 01:40:12 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

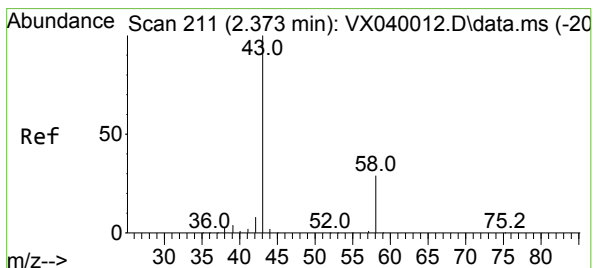
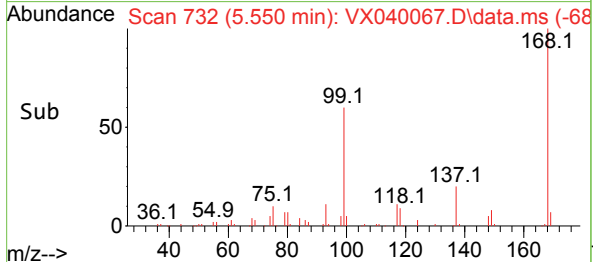
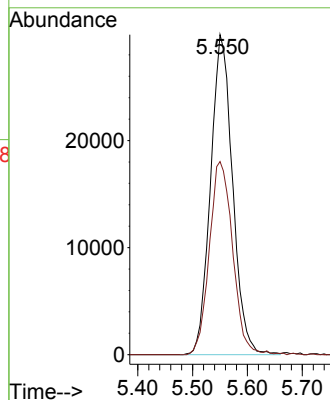
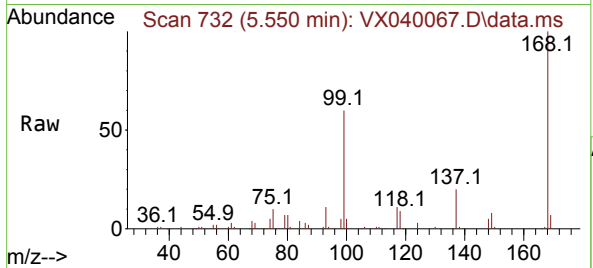




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

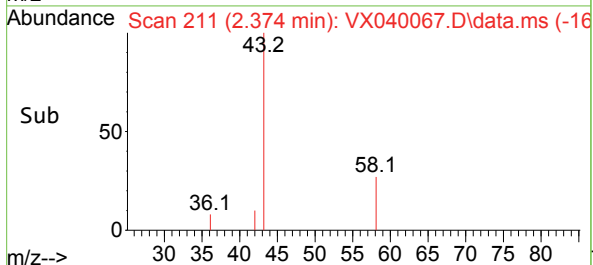
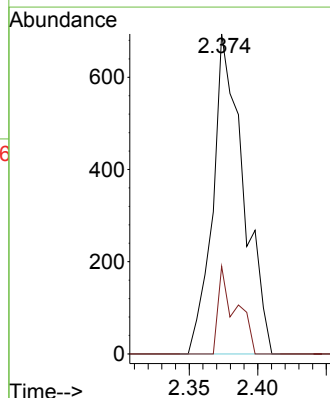
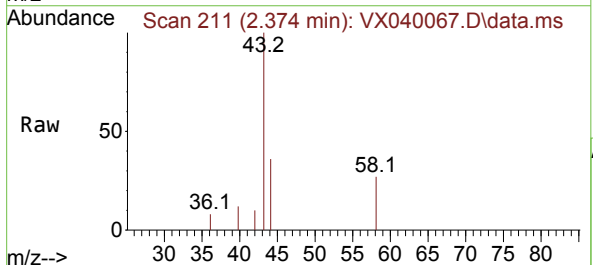
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-013124

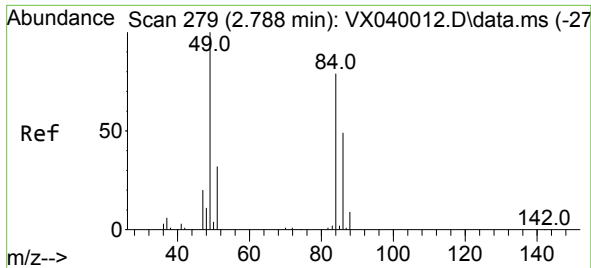
Tgt Ion:168 Resp: 83420  
Ion Ratio Lower Upper  
168 100  
99 60.4 56.6 85.0



#16  
Acetone  
Concen: 1.706 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

Tgt Ion: 43 Resp: 1073  
Ion Ratio Lower Upper  
43 100  
58 27.4 21.9 32.9

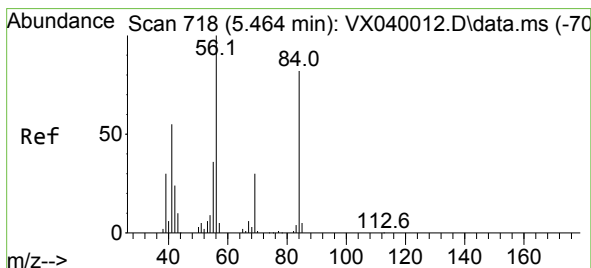
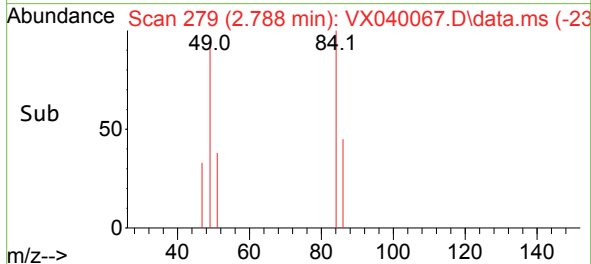
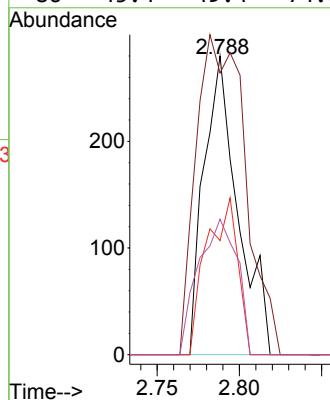
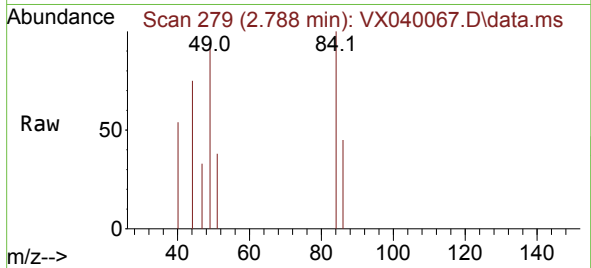




#20  
Methylene Chloride  
Concen: 0.360 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

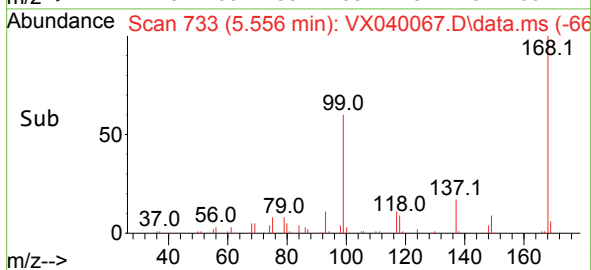
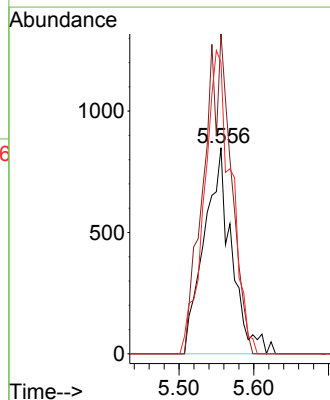
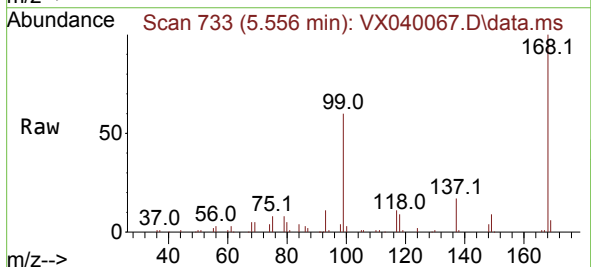
Instrument :  
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ClientSampleId :  
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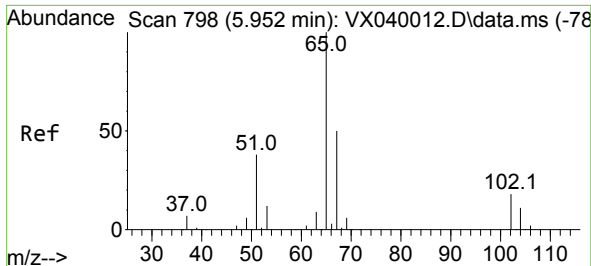
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 402    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 94.3  | 103.6 | 155.4# |
| 51       | 38.2  | 33.8  | 50.6   |
| 86       | 45.4  | 49.4  | 74.0#  |



#31  
Cyclohexane  
Concen: 1.287 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.092 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 2165  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 155.2 | 23.4  | 35.2# |
| 84       | 141.5 | 65.9  | 98.9# |

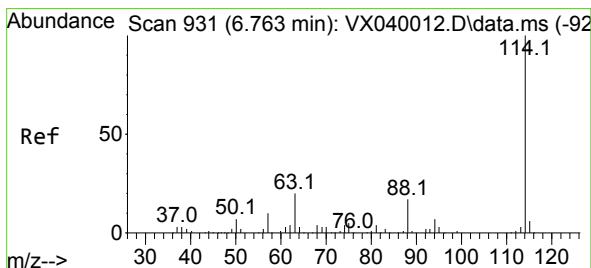
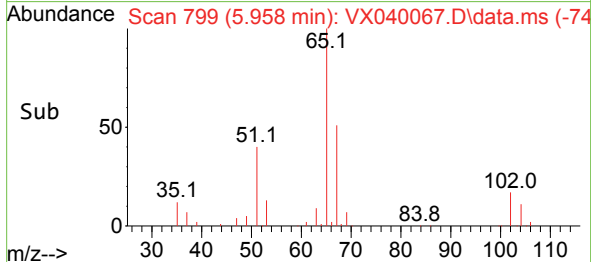
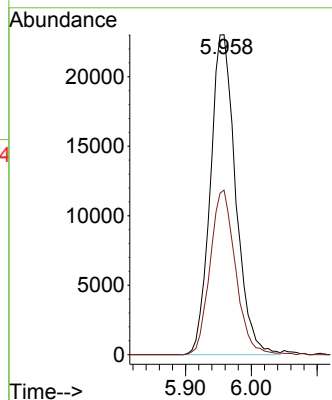
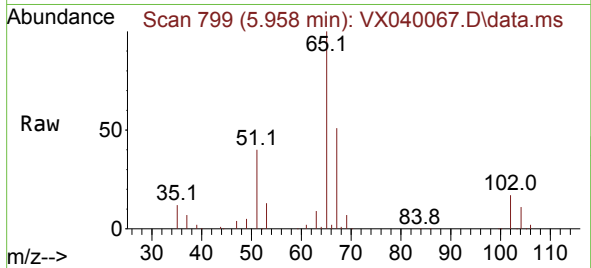




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.986 ug/l  
 RT: 5.958 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX040067.D  
 Acq: 01 Feb 2024 13:38

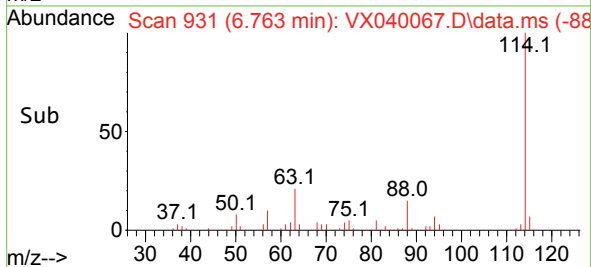
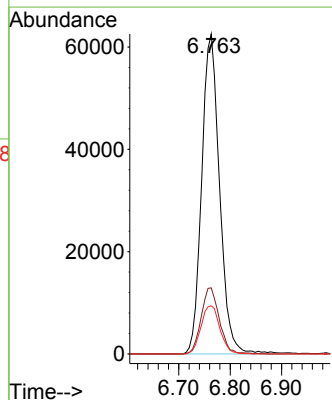
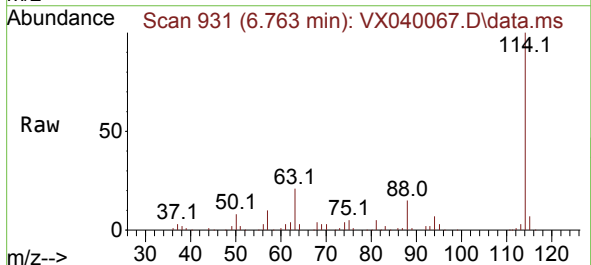
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-013124

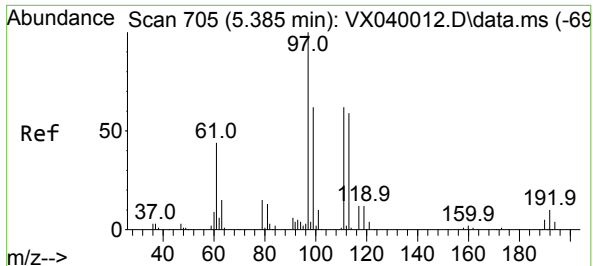
Tgt Ion: 65 Resp: 61738  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX040067.D  
 Acq: 01 Feb 2024 13:38

Tgt Ion: 114 Resp: 150875  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 45.0  
 88 15.0 0.0 36.6

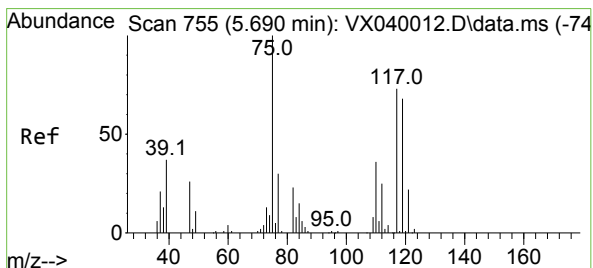
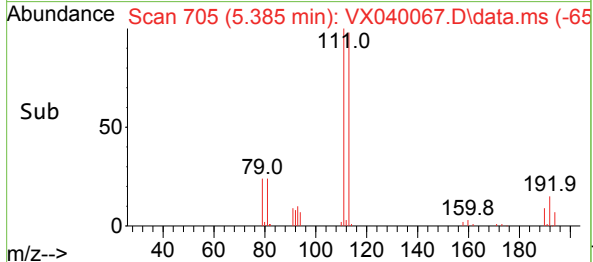
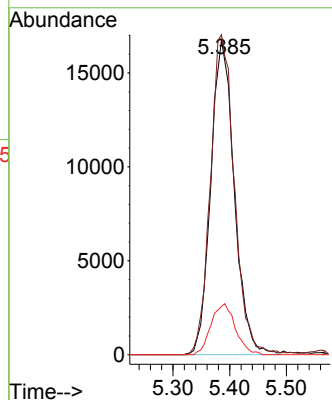
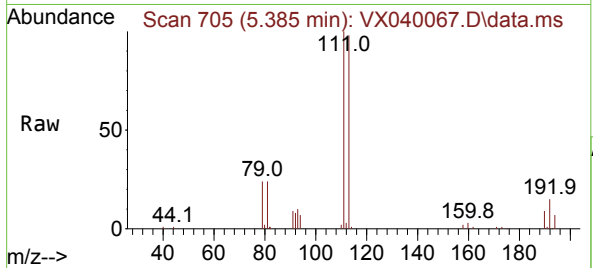




#35  
Dibromofluoromethane  
Concen: 47.007 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

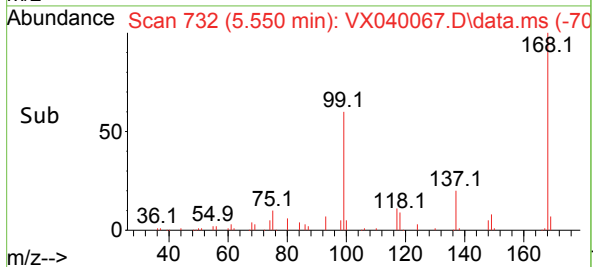
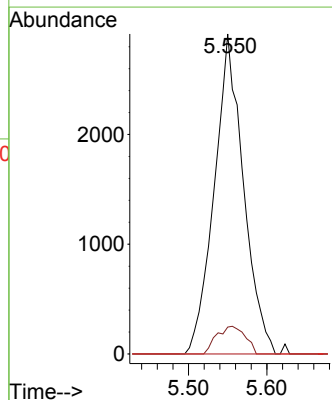
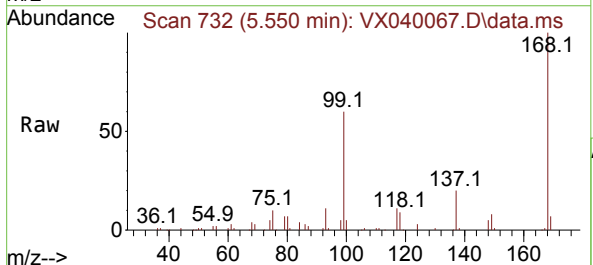
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-013124

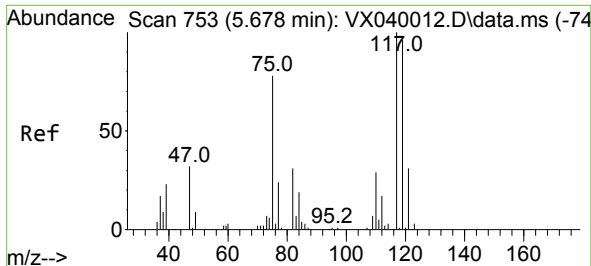
Tgt Ion:113 Resp: 48279  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.9 124.3  
192 16.7 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 5.075 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.140 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

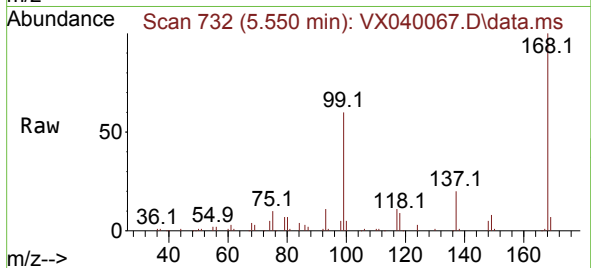
Tgt Ion: 75 Resp: 7538  
Ion Ratio Lower Upper  
75 100  
110 8.5 17.0 50.9#  
77 0.0 24.7 37.1#



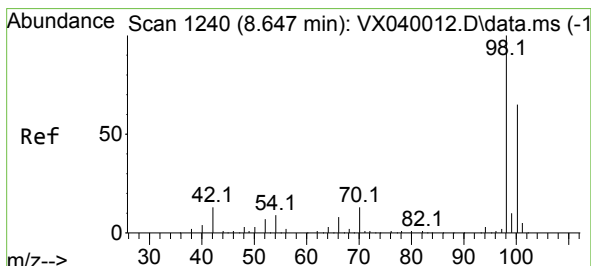
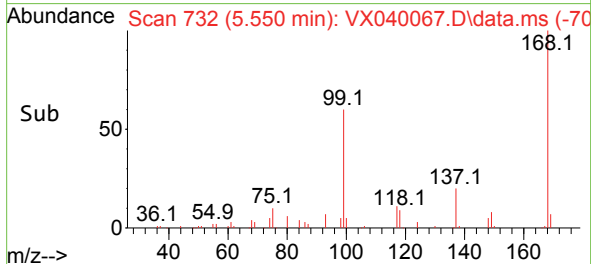
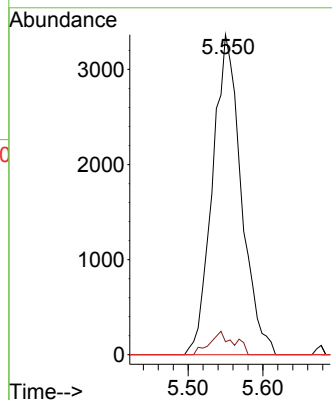


#38  
Carbon Tetrachloride  
Concen: 6.339 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-013124

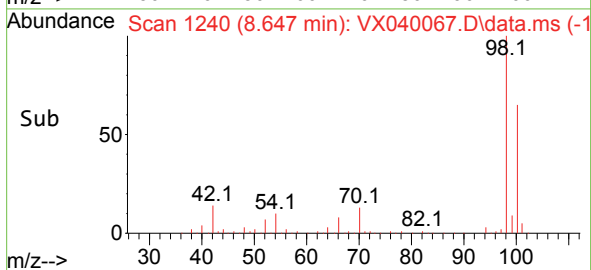
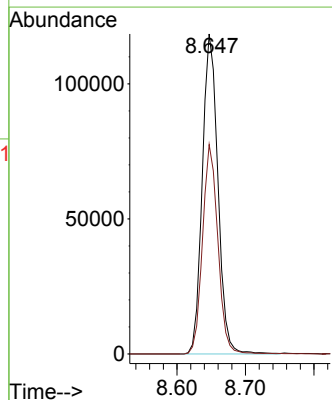
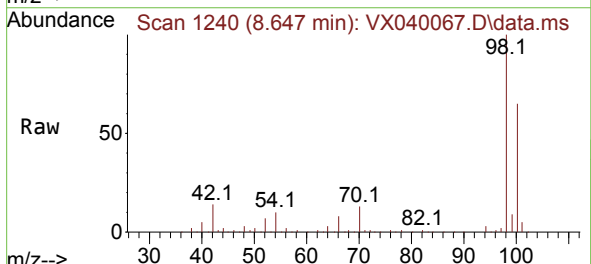


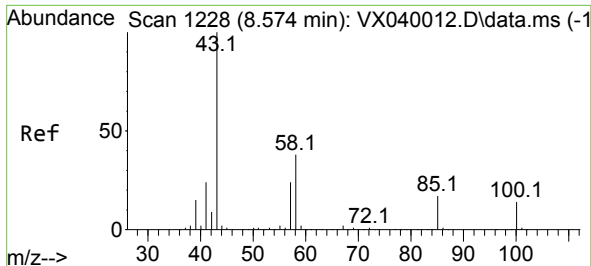
Tgt Ion:117 Resp: 9009  
Ion Ratio Lower Upper  
117 100  
119 4.0 78.2 117.2#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 48.920 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

Tgt Ion: 98 Resp: 187897  
Ion Ratio Lower Upper  
98 100  
100 64.5 53.1 79.7

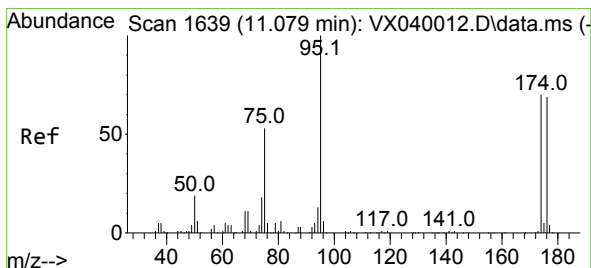
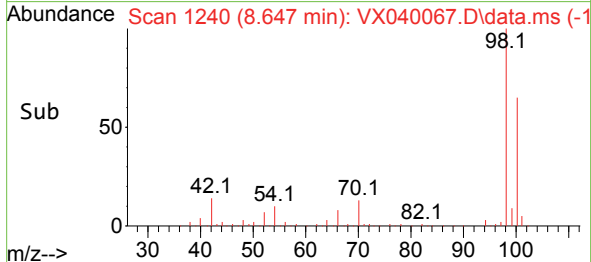
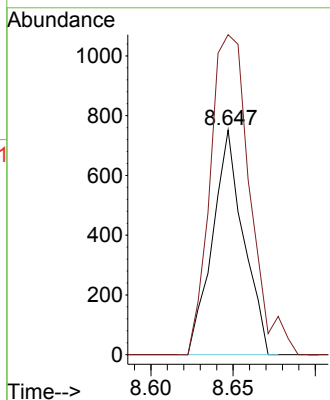
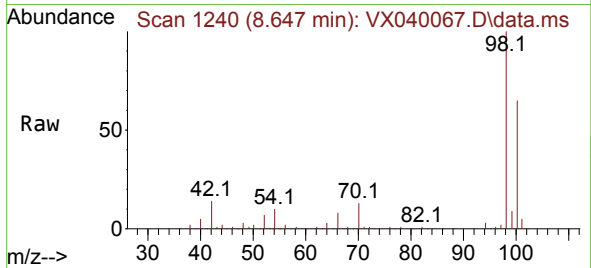




#51  
4-Methyl-2-Pentanone  
Concen: 0.564 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.073 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

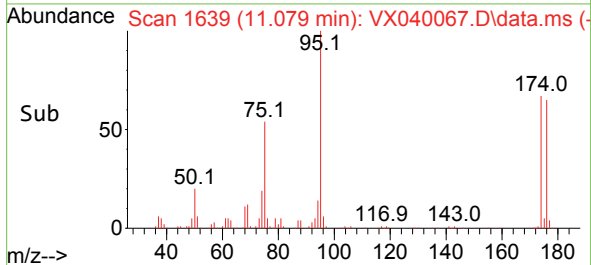
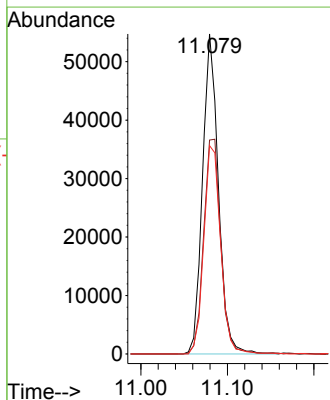
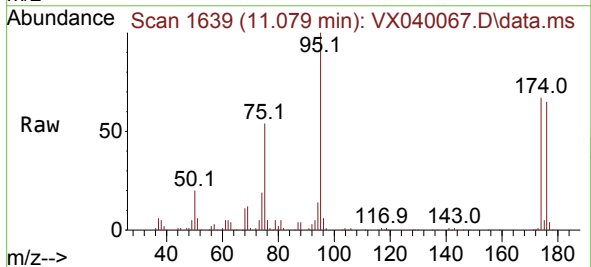
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-013124

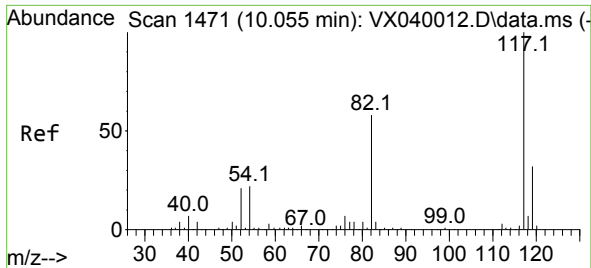
Tgt Ion: 43 Resp: 985  
Ion Ratio Lower Upper  
43 100  
58 183.4 30.4 45.6#



#62  
4-Bromofluorobenzene  
Concen: 47.075 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

Tgt Ion: 95 Resp: 69621  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 135.6  
176 69.2 0.0 131.0

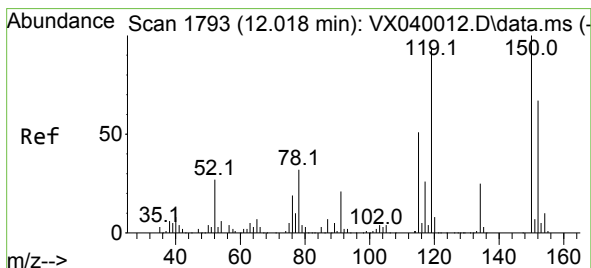
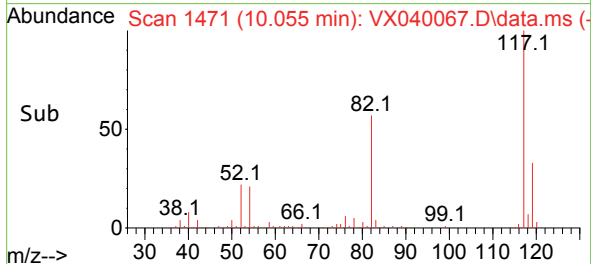
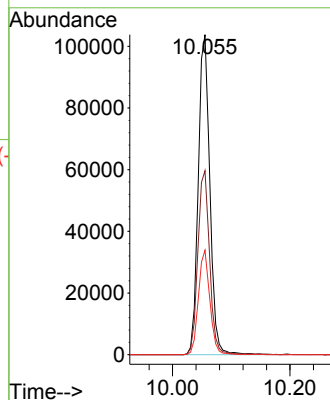
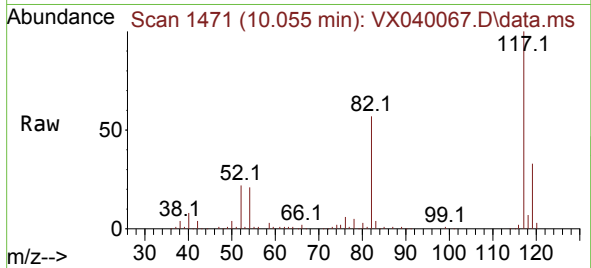




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

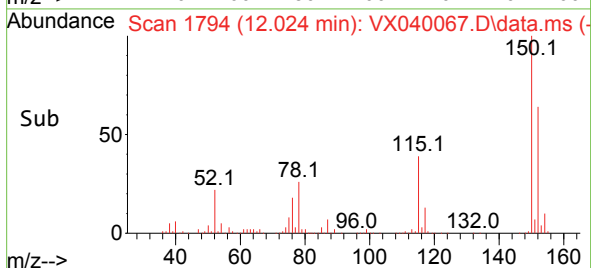
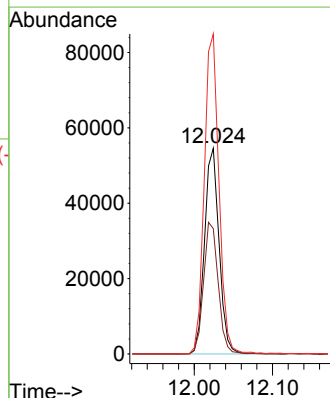
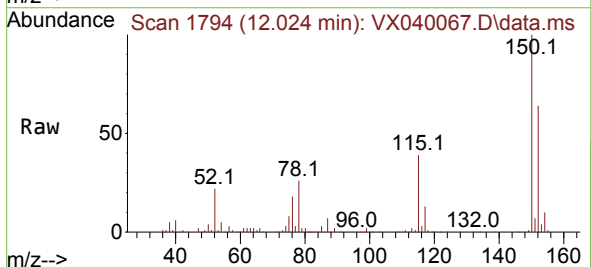
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-013124

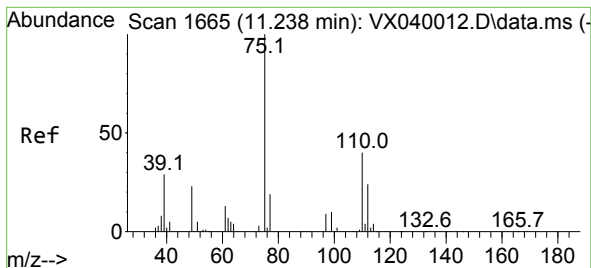
Tgt Ion:117 Resp: 142299  
Ion Ratio Lower Upper  
117 100  
82 57.5 46.2 69.4  
119 32.7 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX040067.D  
Acq: 01 Feb 2024 13:38

Tgt Ion:152 Resp: 70411  
Ion Ratio Lower Upper  
152 100  
115 64.4 43.3 129.9  
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.090 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX040067.D

Acq: 01 Feb 2024 13:38

Instrument :

MSVOA\_X

ClientSampleId :

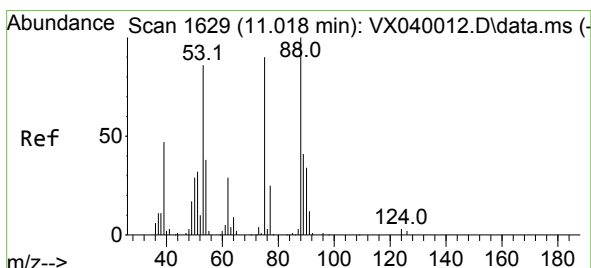
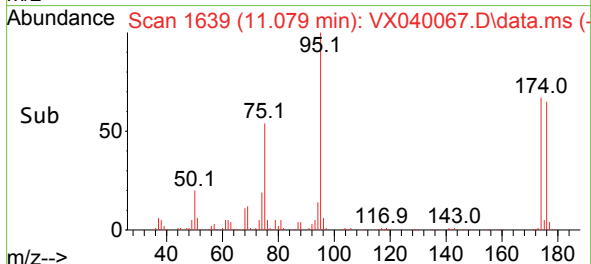
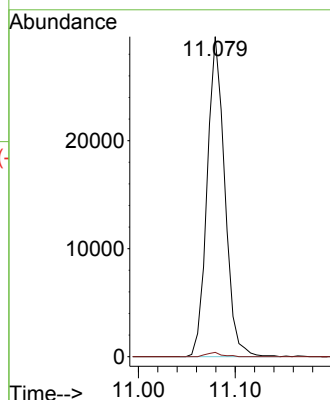
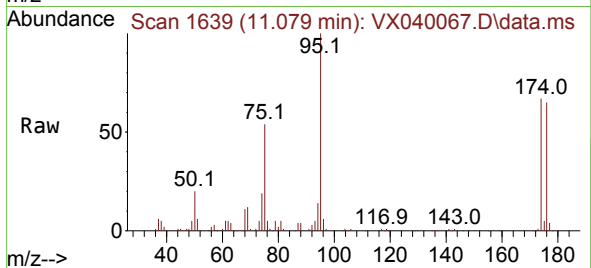
TB-01-013124

Tgt Ion: 75 Resp: 37621

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.144 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040067.D

Acq: 01 Feb 2024 13:38

Tgt Ion: 75 Resp: 37621

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

