

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040824\  
 Data File : VX040925.D  
 Acq On : 08 Apr 2024 13:24  
 Operator : JC/MD  
 Sample : P2004-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 09 02:47:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 Response via : Initial Calibration

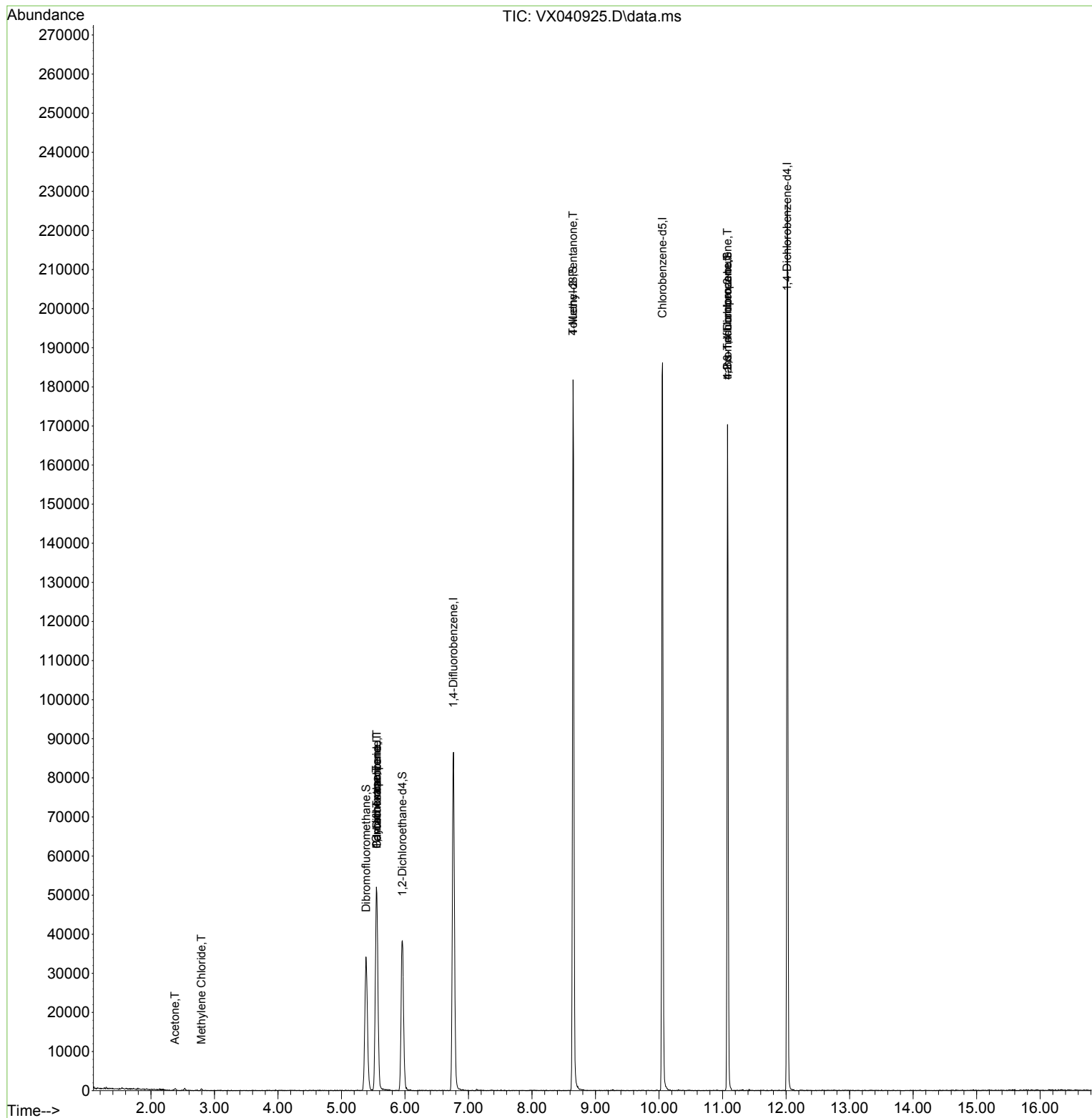
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 46373    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 82023    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 80621    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 42094    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 40456    | 48.621   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 97.240%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 28832    | 49.627   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 99.260%  |
| 50) Toluene-d8                | 8.647  | 98    | 104424   | 49.742   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 99.480%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 41500    | 49.502   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 99.000%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Acetone                   | 2.380  | 43    | 663      | 2.052    | ug/l # | 75       |
| 20) Methylene Chloride        | 2.794  | 84    | 198      | 0.331    | ug/l # | 87       |
| 31) Cyclohexane               | 5.550  | 56    | 1080     | 1.223    | ug/l # | 21       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 4078     | 4.940    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 5195     | 5.685    | ug/l # | 11       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 508      | 0.489    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 24346    | 27.123   | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 24346    | 73.179   | ug/l # | 5        |
| -----                         |        |       |          |          |        |          |

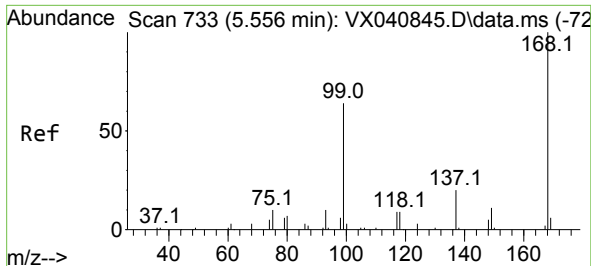
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Quant Time: Apr 09 02:47:51 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:40:55 2024  
Response via : Initial Calibration

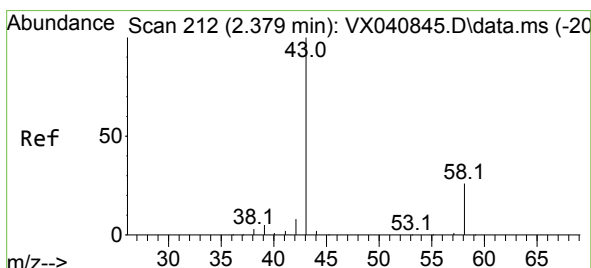
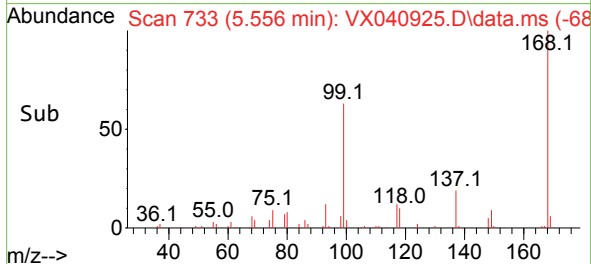
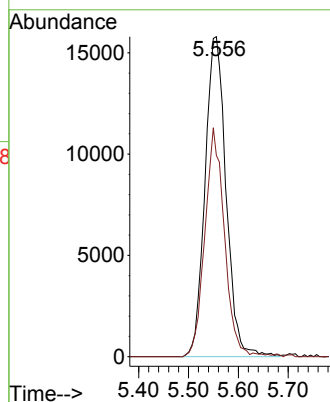
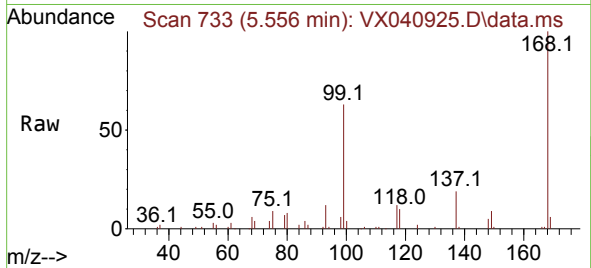




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

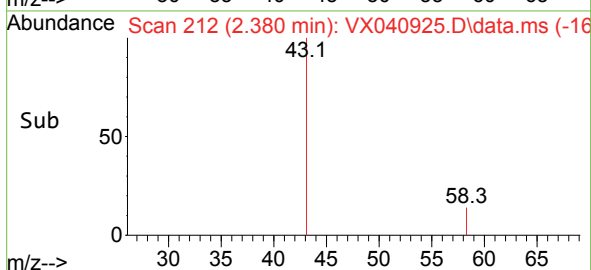
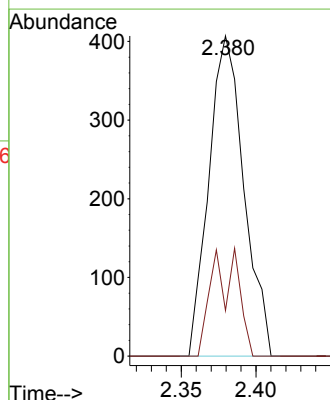
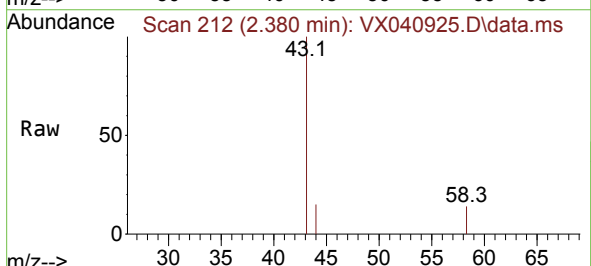
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

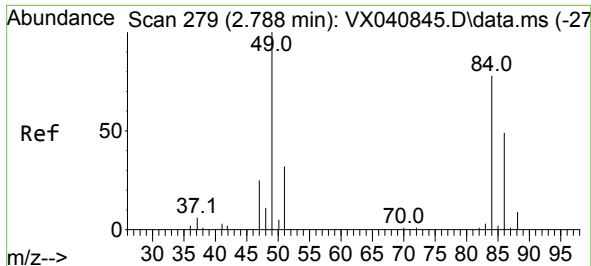
Tgt Ion:168 Resp: 46373  
Ion Ratio Lower Upper  
168 100  
99 62.9 56.6 85.0



#16  
Acetone  
Concen: 2.052 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

Tgt Ion: 43 Resp: 663  
Ion Ratio Lower Upper  
43 100  
58 14.3 21.9 32.9#





#20

Methylene Chloride

Concen: 0.331 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040925.D

Acq: 08 Apr 2024 13:24

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 84 Resp: 198

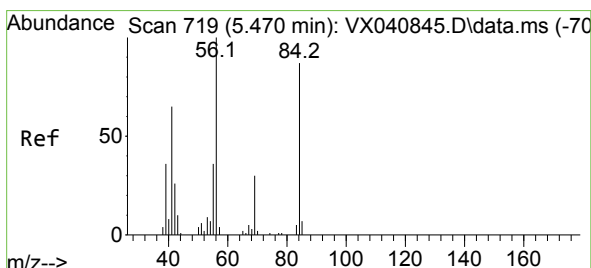
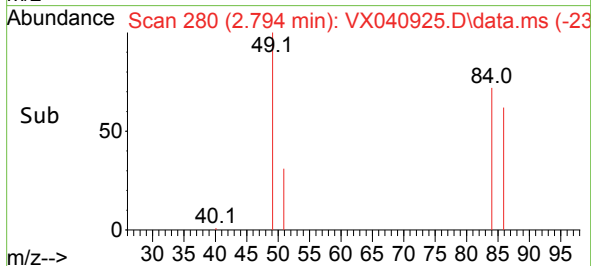
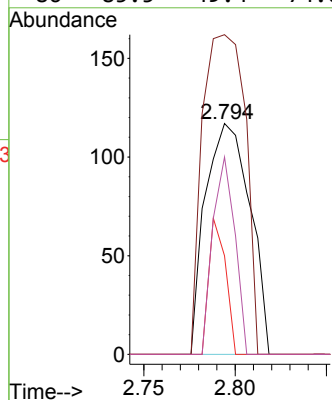
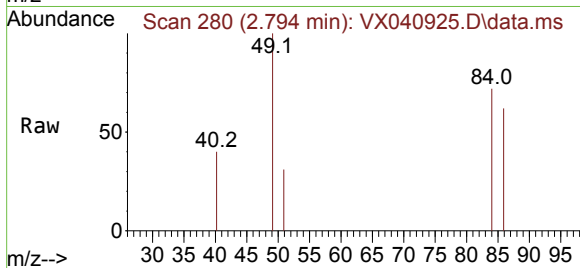
Ion Ratio Lower Upper

84 100

49 138.5 103.6 155.4

51 42.7 33.8 50.6

86 85.5 49.4 74.0#



#31

Cyclohexane

Concen: 1.223 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040925.D

Acq: 08 Apr 2024 13:24

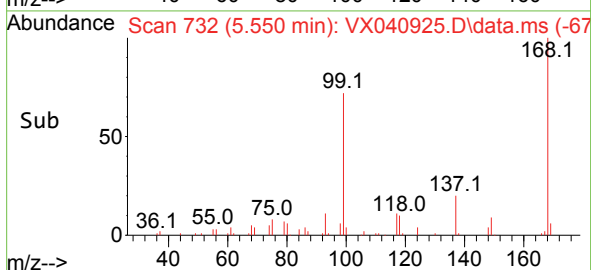
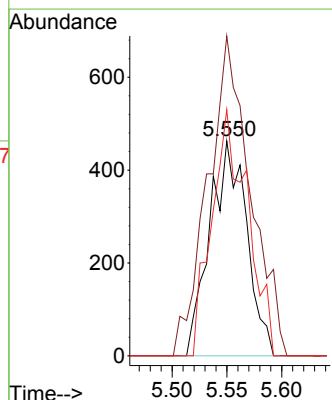
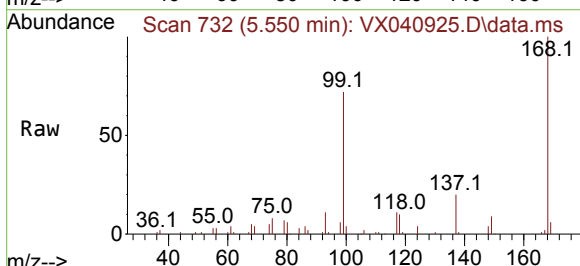
Tgt Ion: 56 Resp: 1080

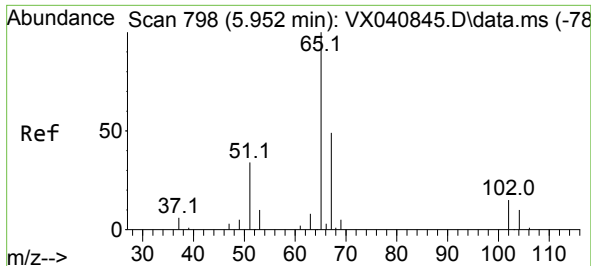
Ion Ratio Lower Upper

56 100

69 137.6 23.4 35.2#

84 114.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.621 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040925.D

Acq: 08 Apr 2024 13:24

Instrument :

MSVOA\_X

ClientSampleId :

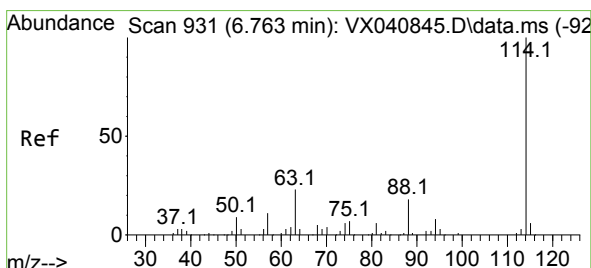
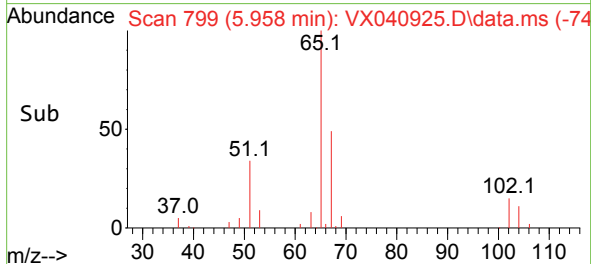
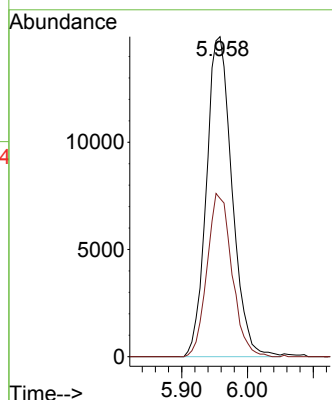
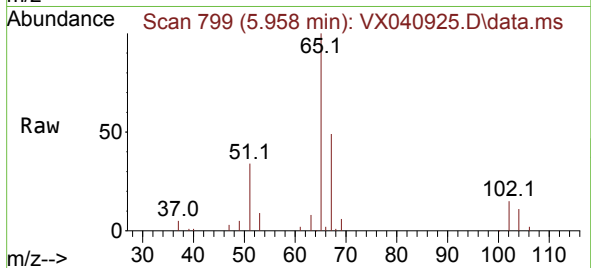
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 40456

Ion Ratio Lower Upper

65 100

67 49.6 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: VX040925.D

Acq: 08 Apr 2024 13:24

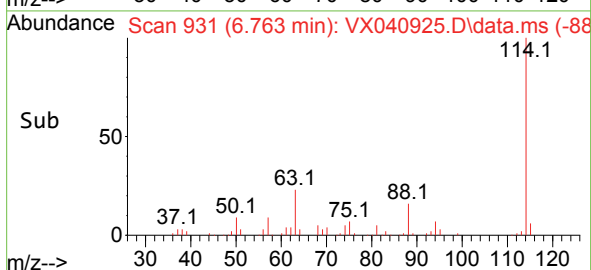
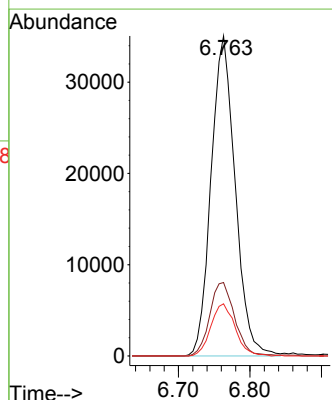
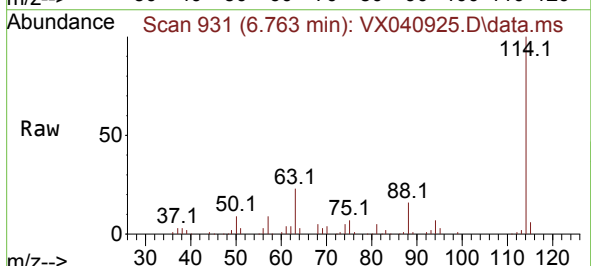
Tgt Ion: 114 Resp: 82023

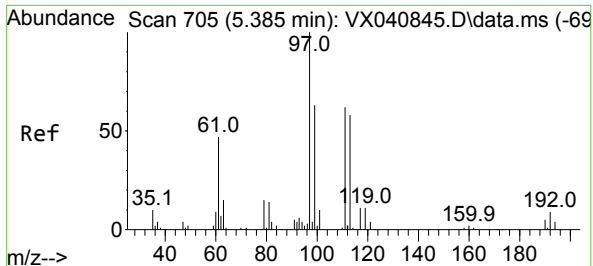
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 16.3 0.0 36.6

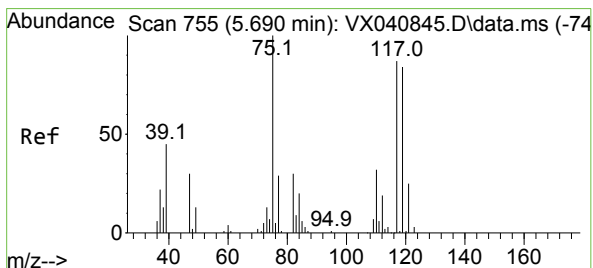
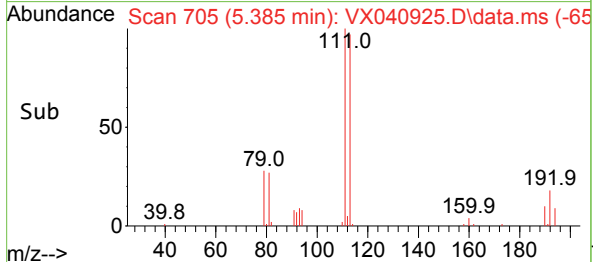
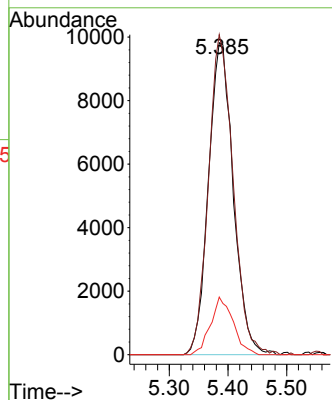
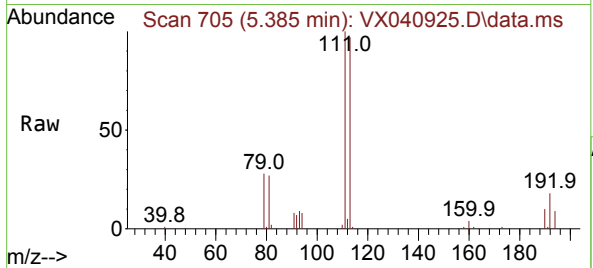




#35  
Dibromofluoromethane  
Concen: 49.627 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

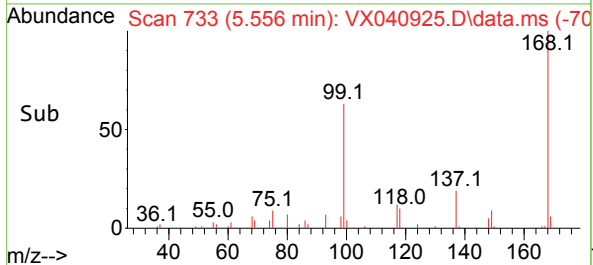
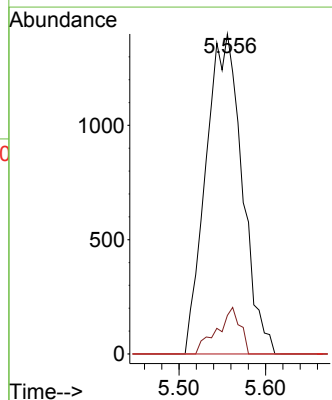
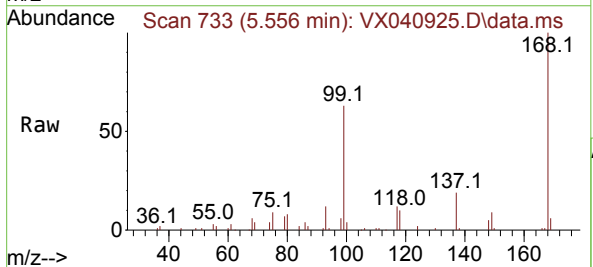
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

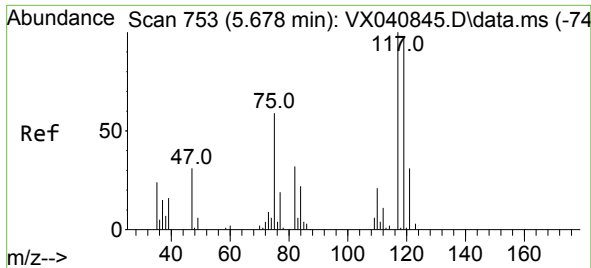
Tgt Ion:113 Resp: 28832  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.9 124.3  
192 16.9 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 4.940 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.134 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

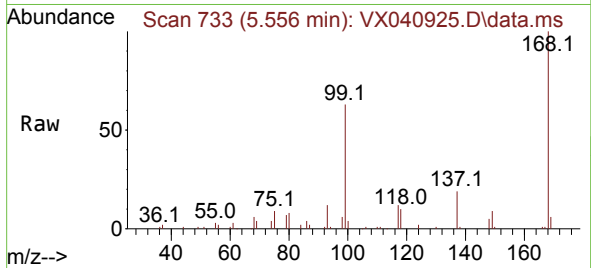
Tgt Ion: 75 Resp: 4078  
Ion Ratio Lower Upper  
75 100  
110 9.2 17.0 50.9#  
77 0.0 24.7 37.1#



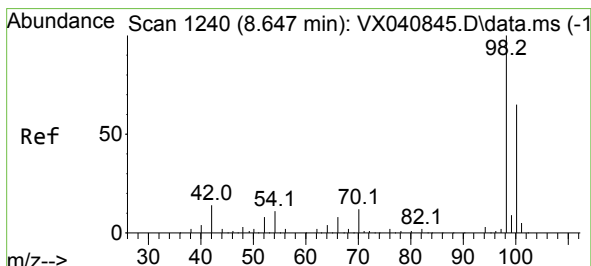
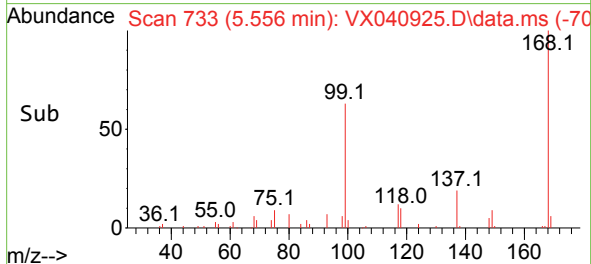
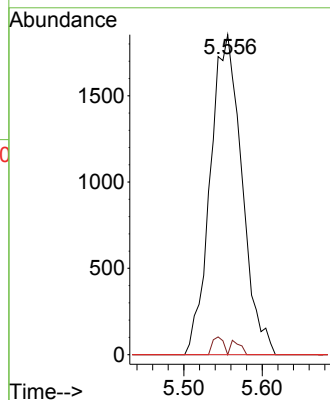


#38  
Carbon Tetrachloride  
Concen: 5.685 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

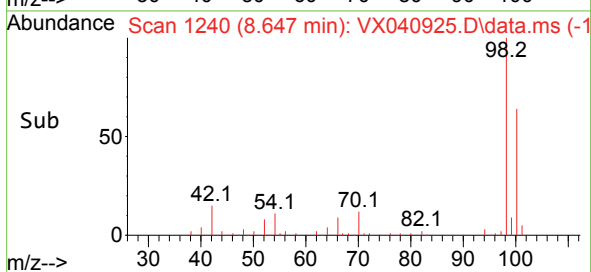
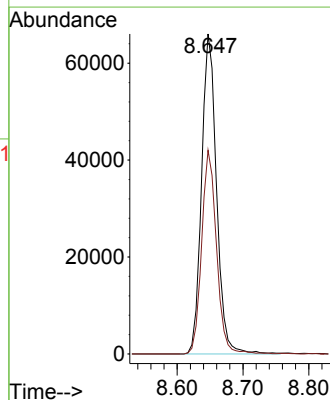
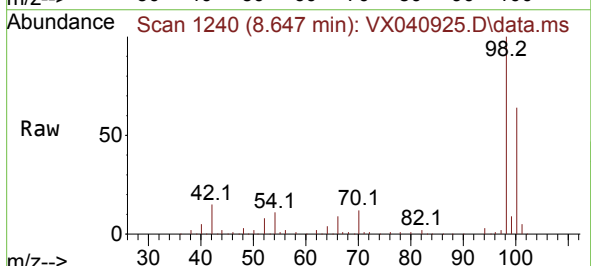


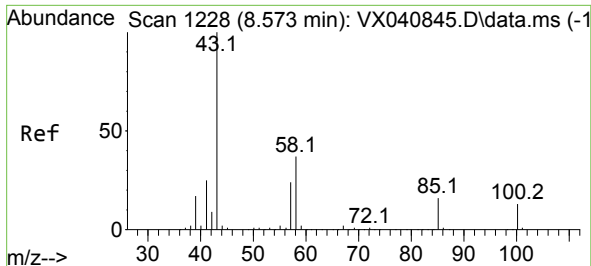
Tgt Ion:117 Resp: 5195  
Ion Ratio Lower Upper  
117 100  
119 0.0 78.2 117.2#  
121 0.0 24.4 36.6#



#50  
Toluene-d8  
Concen: 49.742 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

Tgt Ion: 98 Resp: 104424  
Ion Ratio Lower Upper  
98 100  
100 63.2 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.489 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX040925.D

Acq: 08 Apr 2024 13:24

Instrument :

MSVOA\_X

ClientSampleId :

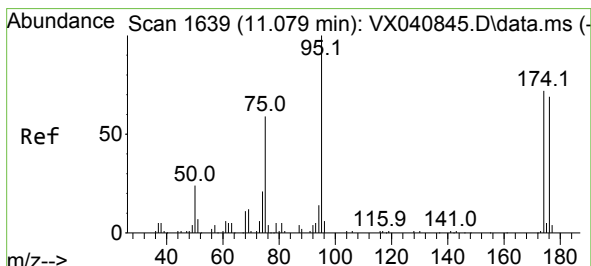
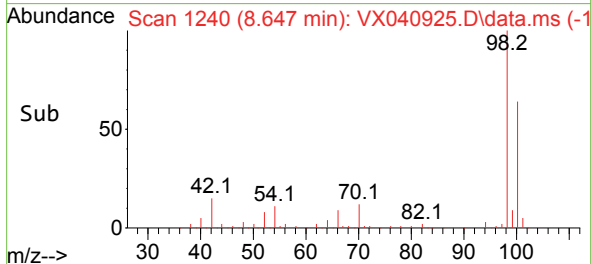
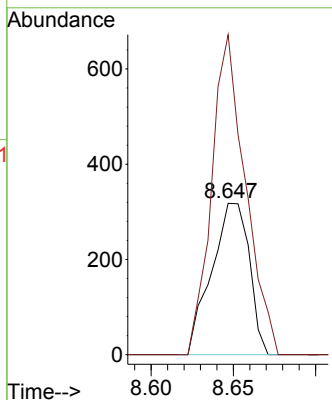
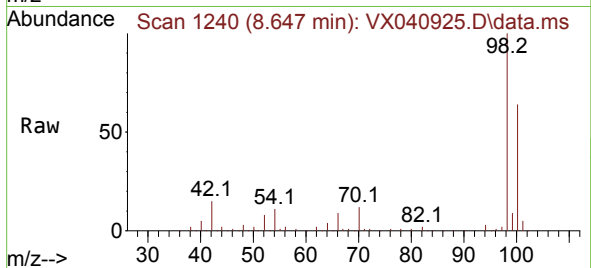
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 508

Ion Ratio Lower Upper

43 100

58 189.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.502 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040925.D

Acq: 08 Apr 2024 13:24

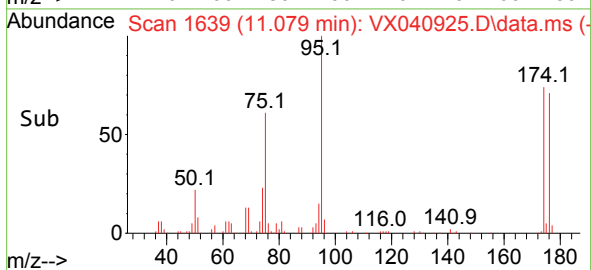
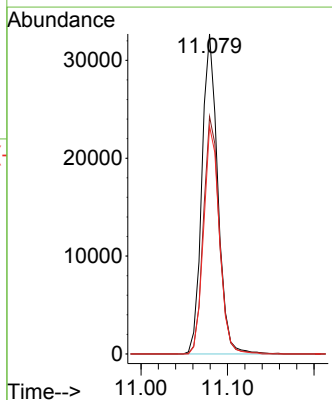
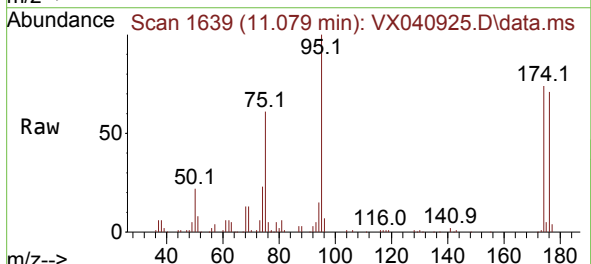
Tgt Ion: 95 Resp: 41500

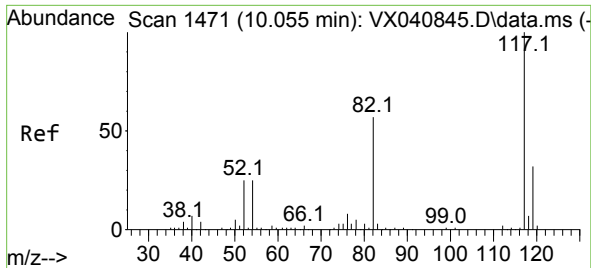
Ion Ratio Lower Upper

95 100

174 74.5 0.0 135.6

176 70.9 0.0 131.0

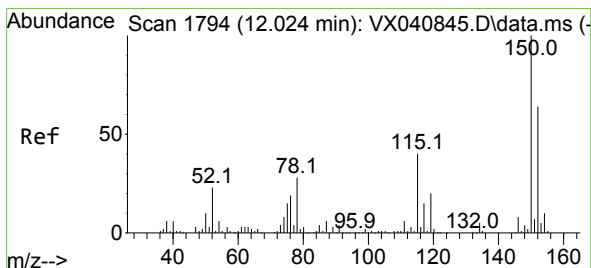
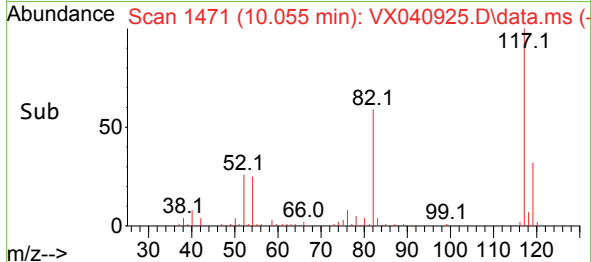
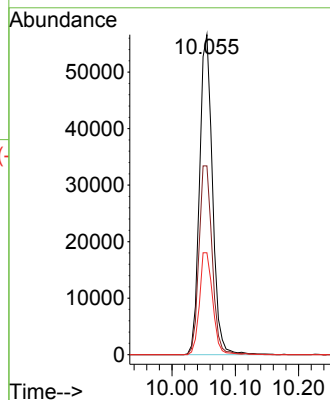
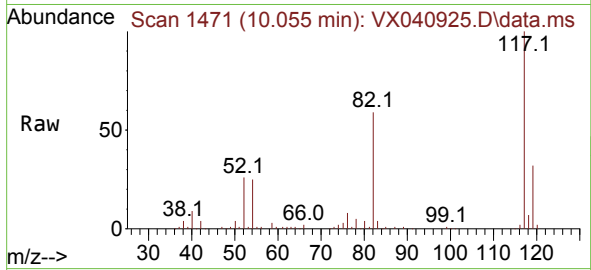




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

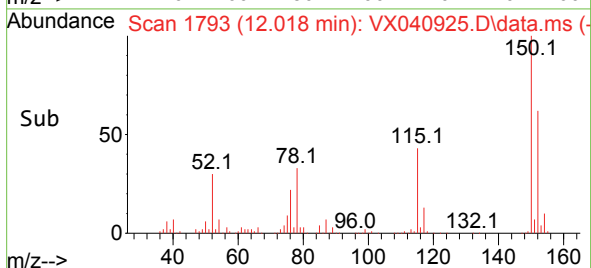
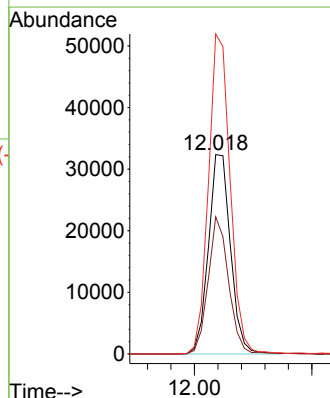
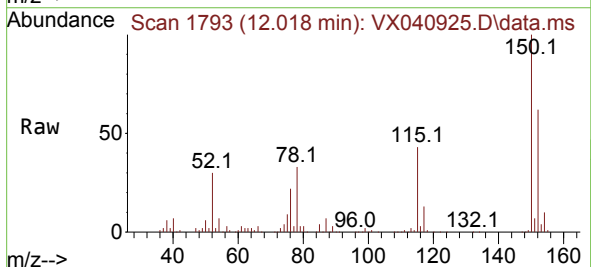
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

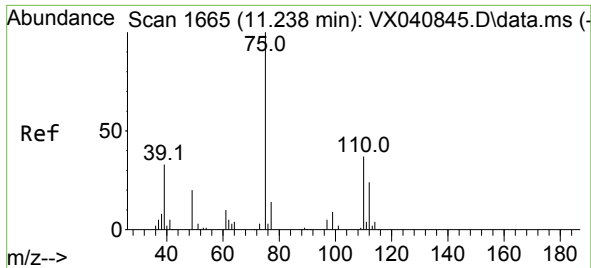
Tgt Ion:117 Resp: 80621  
Ion Ratio Lower Upper  
117 100  
82 59.0 46.2 69.4  
119 31.8 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

Tgt Ion:152 Resp: 42094  
Ion Ratio Lower Upper  
152 100  
115 63.9 43.3 129.9  
150 157.6 0.0 345.0

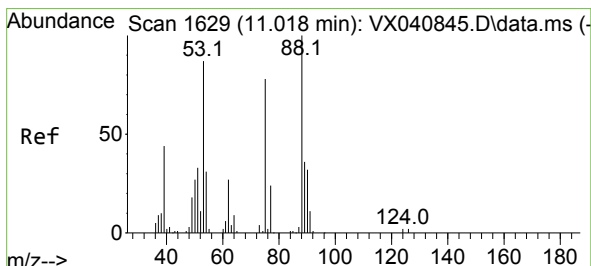
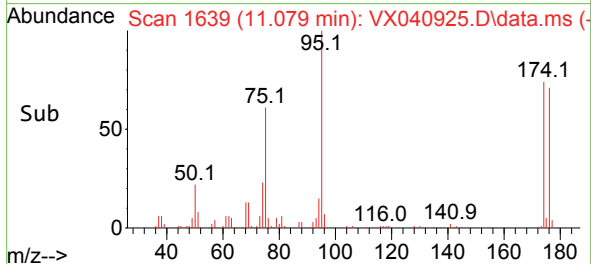
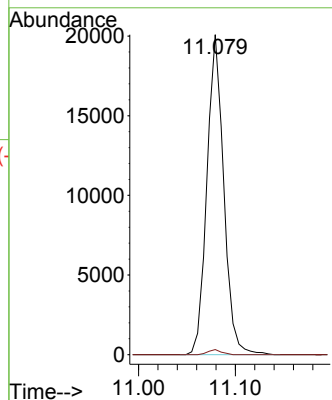
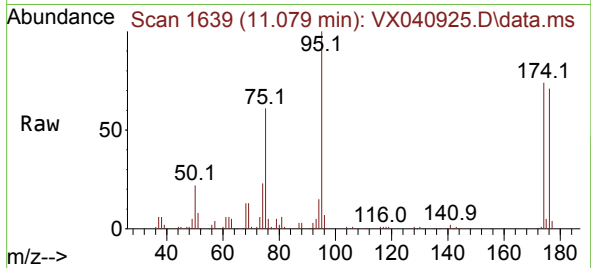




#76  
1,2,3-Trichloropropane  
Concen: 27.123 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 24346  
Ion Ratio Lower Upper  
75 100  
77 1.3 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 73.179 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX040925.D  
Acq: 08 Apr 2024 13:24

Tgt Ion: 75 Resp: 24346  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#

