

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041109.D
 Acq On : 16 Apr 2024 16:52
 Operator : JC/MD
 Sample : P2115-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-SAMPLE-MANAG

Quant Time: Apr 17 02:12:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

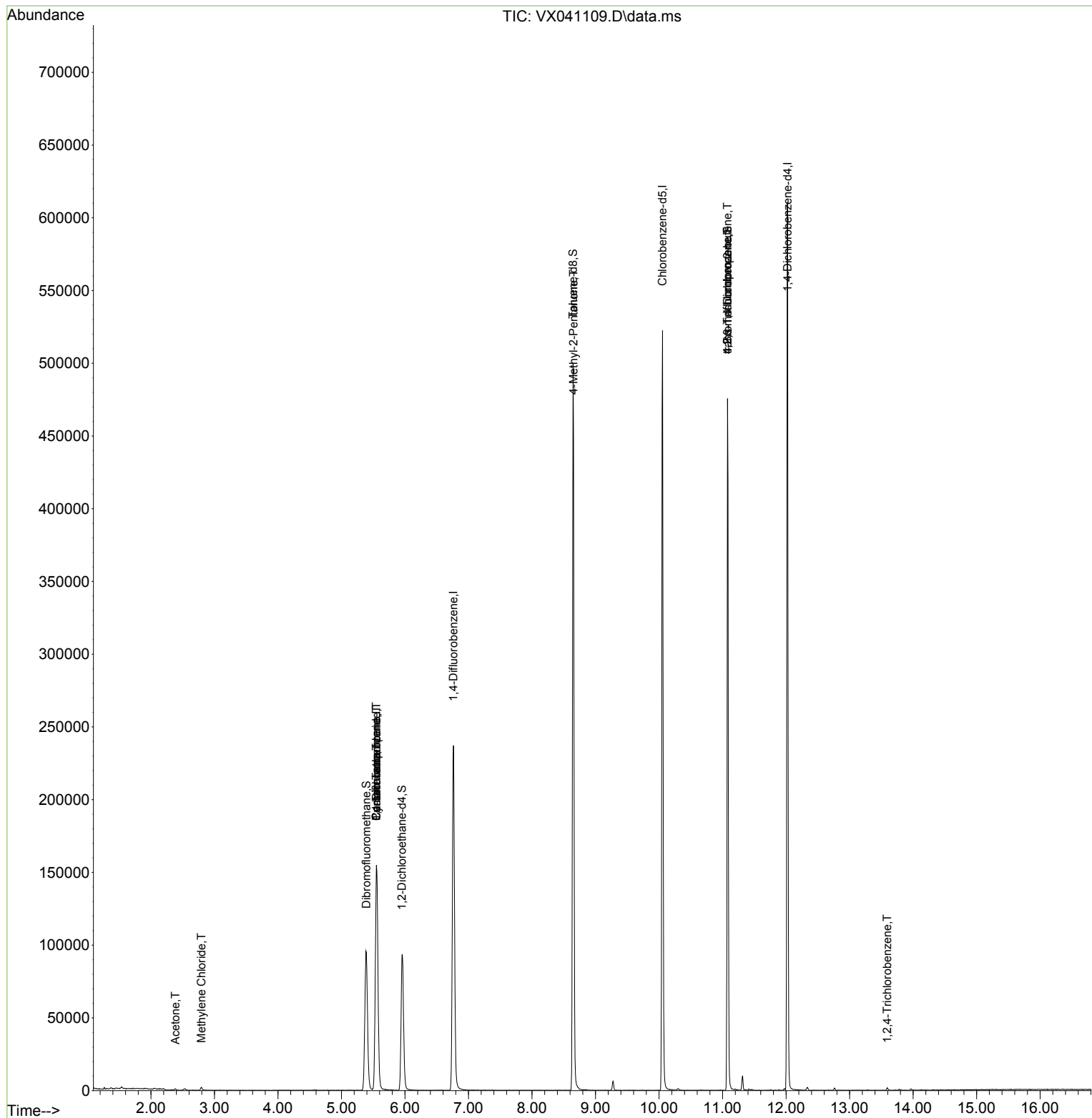
Internal Standards						
1) Pentafluorobenzene	5.550	168	168938	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	255443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95069	52.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.240%	
35) Dibromofluoromethane	5.391	113	83059	48.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.340%	
50) Toluene-d8	8.647	98	297433	49.762	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	11.079	95	114762	50.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.160%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1112	1.450	ug/l	# 85
20) Methylene Chloride	2.794	84	1068	0.653	ug/l	92
31) Cyclohexane	5.550	56	2685	1.188	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10340	4.786	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	14601	5.829	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	1374	0.528	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	56861	24.546	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	56861	62.777	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	810	0.234	ug/l	# 90

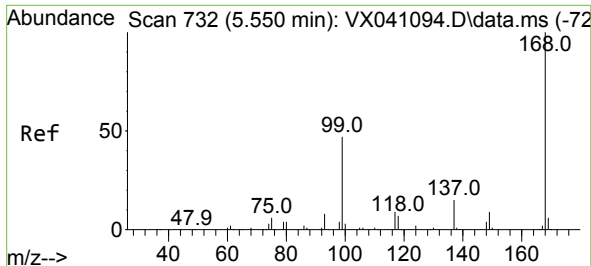
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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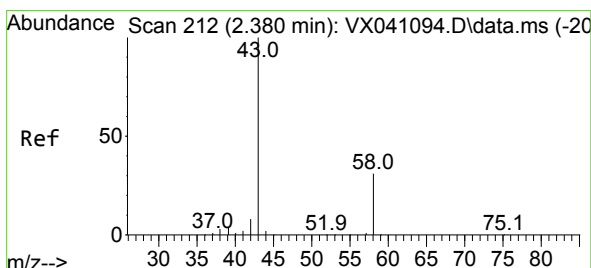
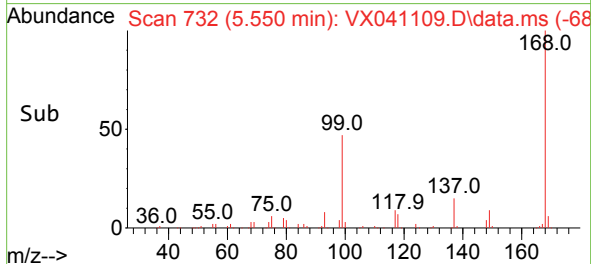
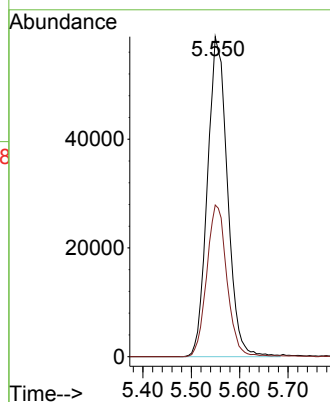
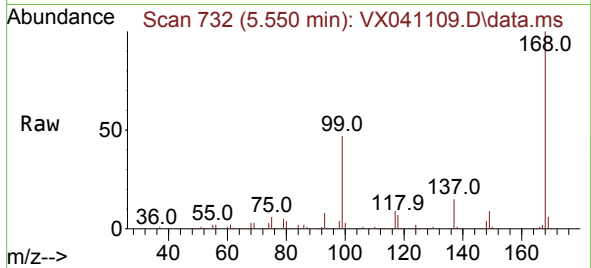




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041109.D
Acq: 16 Apr 2024 16:52

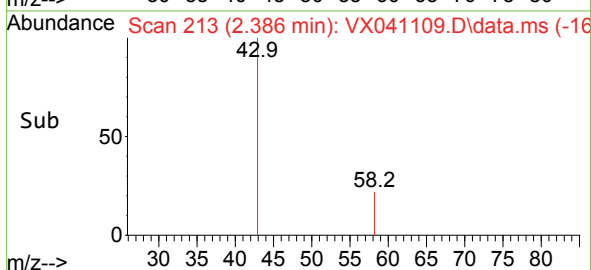
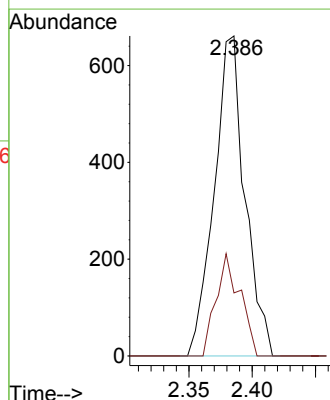
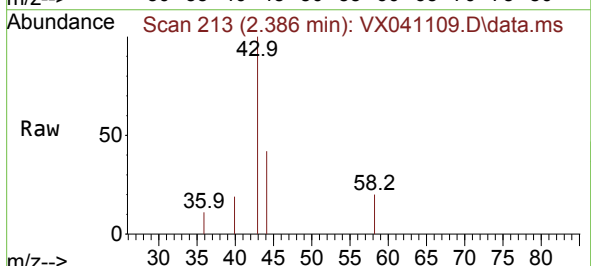
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-SAMPLE-MANAG

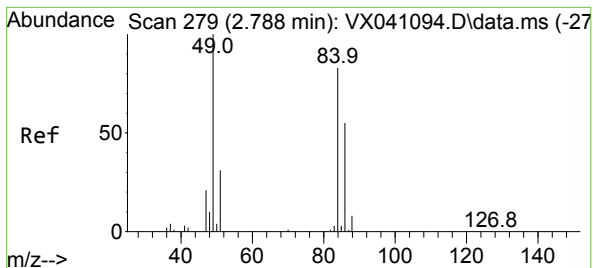
Tgt Ion:168 Resp: 168938
Ion Ratio Lower Upper
168 100
99 47.4 56.6 85.0#



#16
Acetone
Concen: 1.450 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX041109.D
Acq: 16 Apr 2024 16:52

Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 19.7 21.9 32.9#





#20

Methylene Chloride

Concen: 0.653 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX041109.D

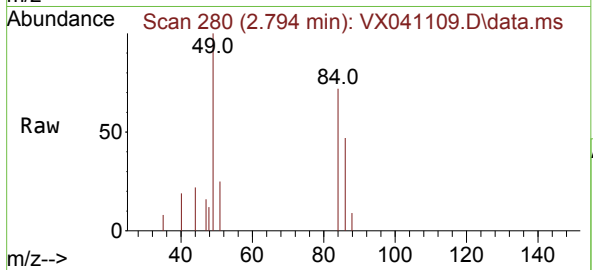
Acq: 16 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-SAMPLE-MANAG



Tgt Ion: 84 Resp: 1068

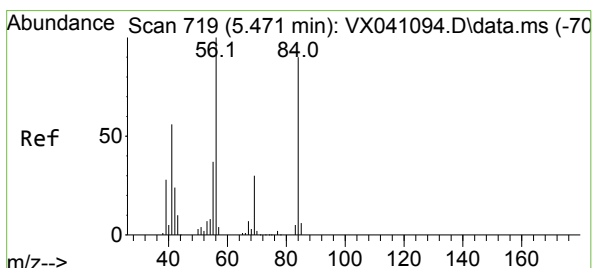
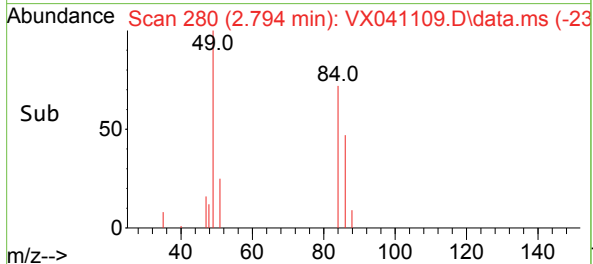
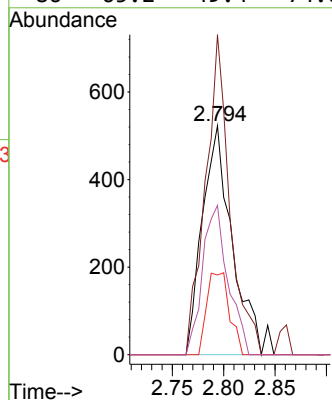
Ion Ratio Lower Upper

84 100

49 139.8 103.6 155.4

51 34.8 33.8 50.6

86 65.2 49.4 74.0



#31

Cyclohexane

Concen: 1.188 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX041109.D

Acq: 16 Apr 2024 16:52

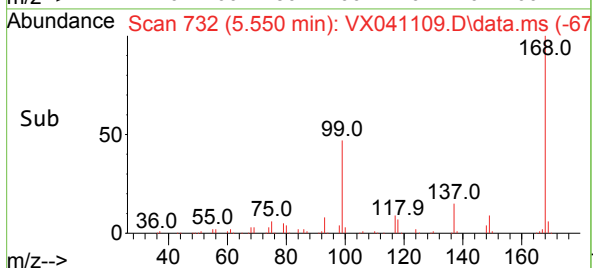
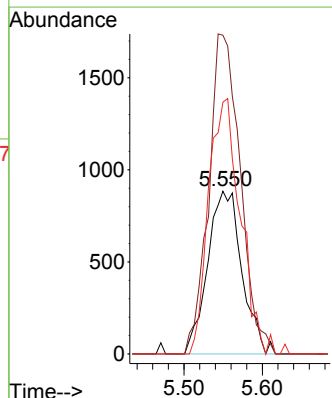
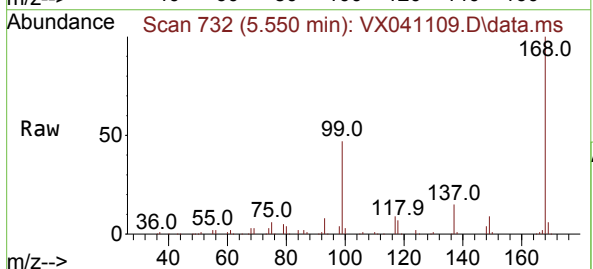
Tgt Ion: 56 Resp: 2685

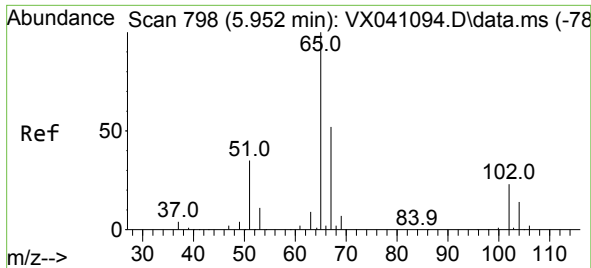
Ion Ratio Lower Upper

56 100

69 195.8 23.4 35.2#

84 154.8 65.9 98.9#

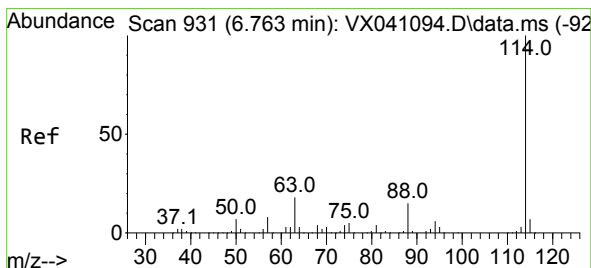
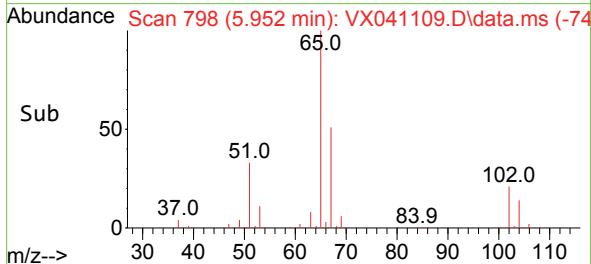
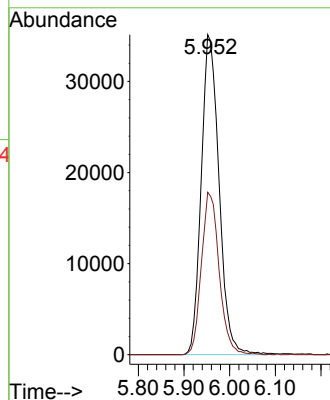
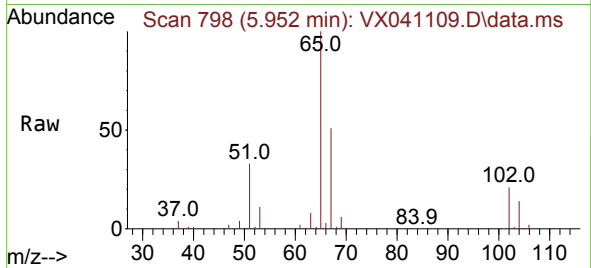




#33
1,2-Dichloroethane-d4
Concen: 52.123 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041109.D
Acq: 16 Apr 2024 16:52

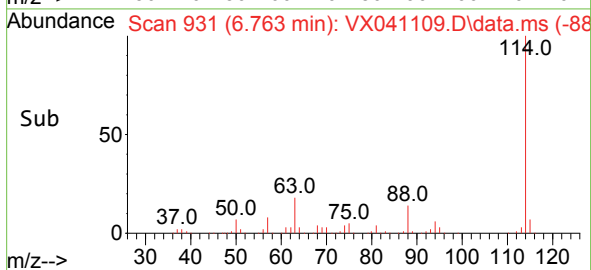
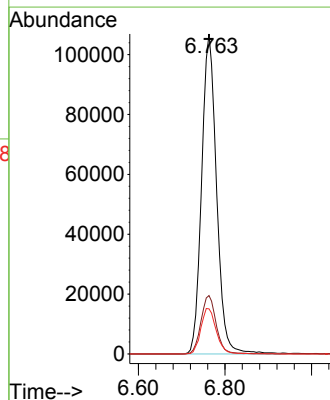
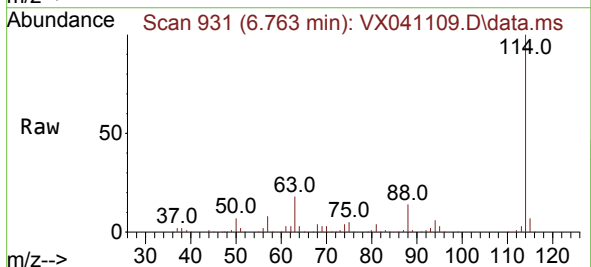
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-SAMPLE-MANAG

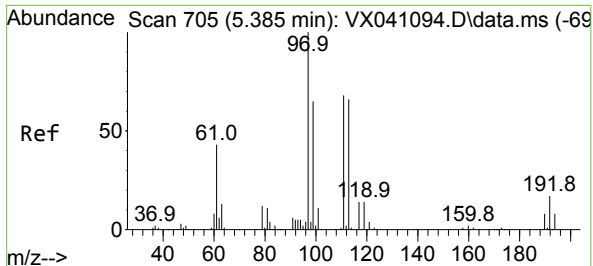
Tgt Ion: 65 Resp: 95069
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041109.D
Acq: 16 Apr 2024 16:52

Tgt Ion: 114 Resp: 255443
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 14.1 0.0 36.6

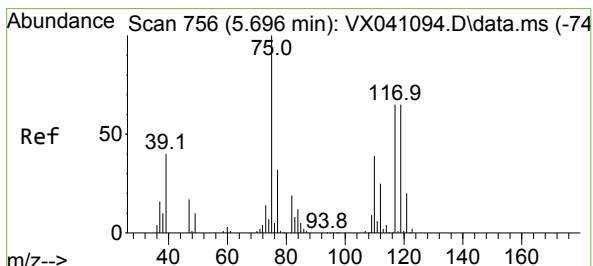
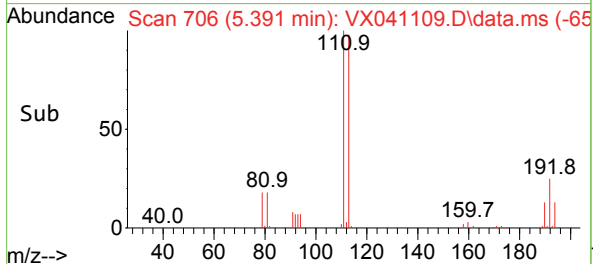
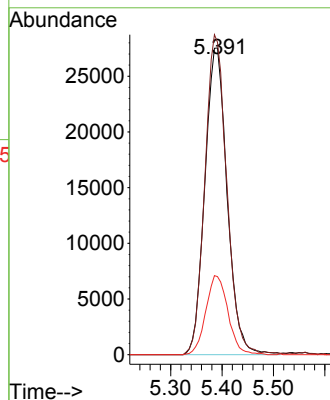
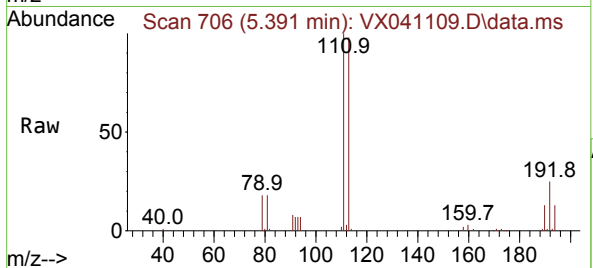




#35
Dibromofluoromethane
Concen: 48.675 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041109.D
Acq: 16 Apr 2024 16:52

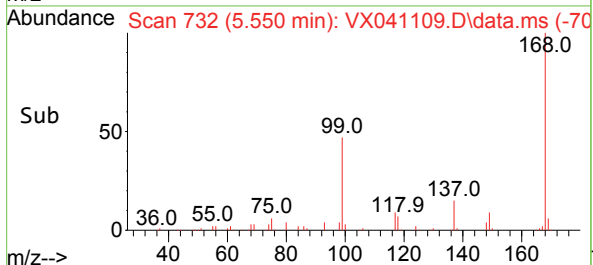
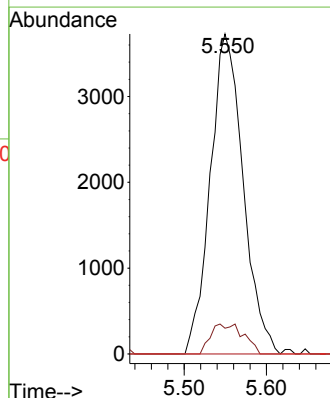
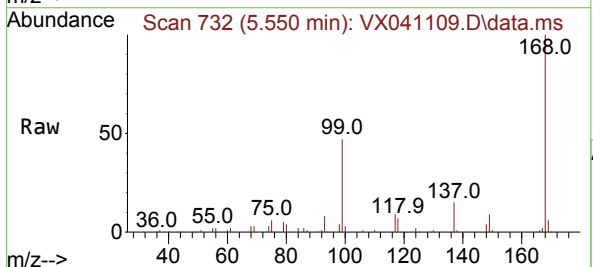
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-SAMPLE-MANAG

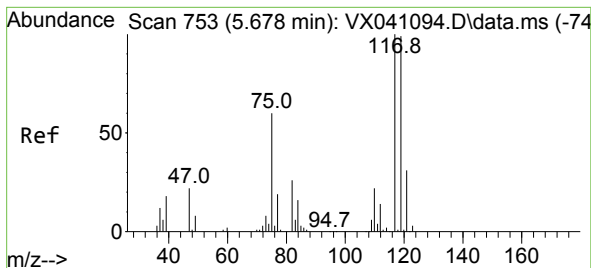
Tgt Ion:113 Resp: 83059
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.786 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX041109.D
Acq: 16 Apr 2024 16:52

Tgt Ion: 75 Resp: 10340
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.829 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX041109.D

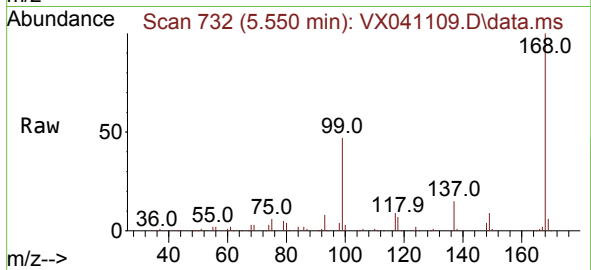
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Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-SAMPLE-MANAG



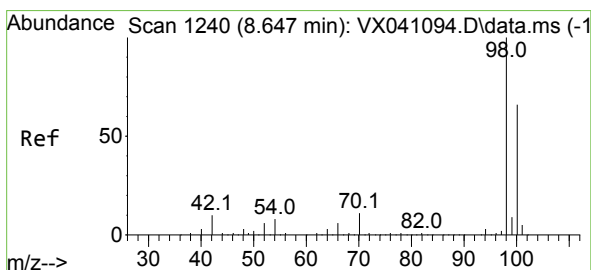
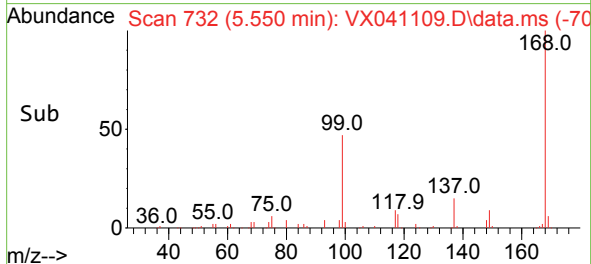
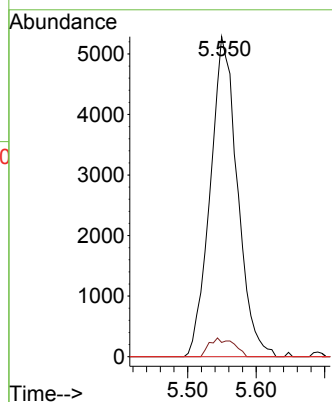
Tgt Ion:117 Resp: 14601

Ion Ratio Lower Upper

117 100

119 4.4 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.762 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041109.D

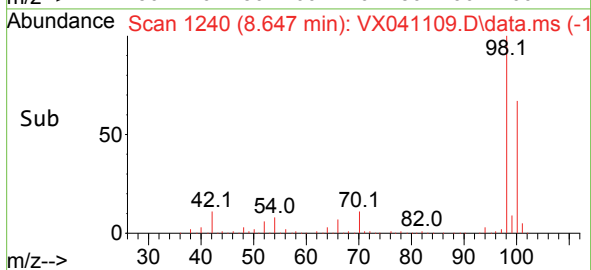
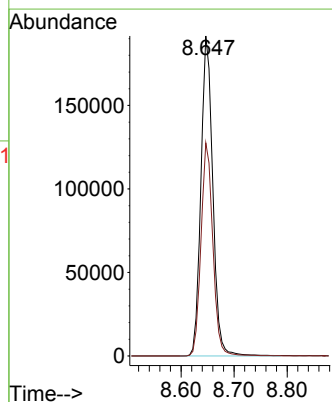
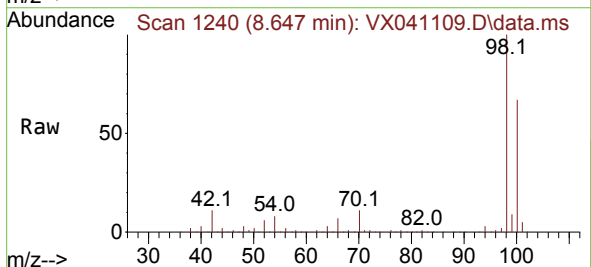
Acq: 16 Apr 2024 16:52

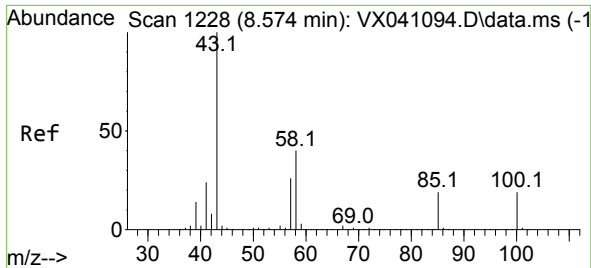
Tgt Ion: 98 Resp: 297433

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7

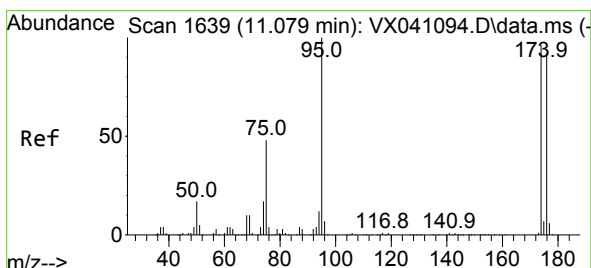
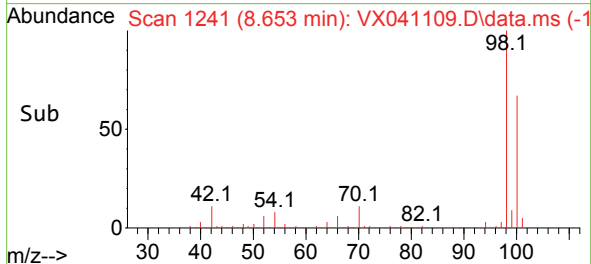
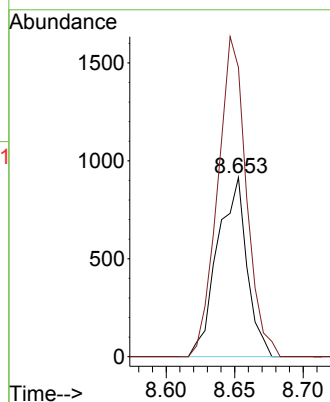
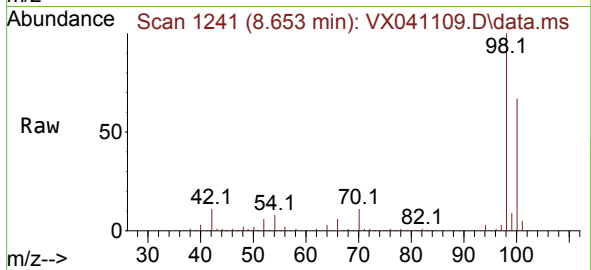




#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX041109.D
Acq: 16 Apr 2024 16:52

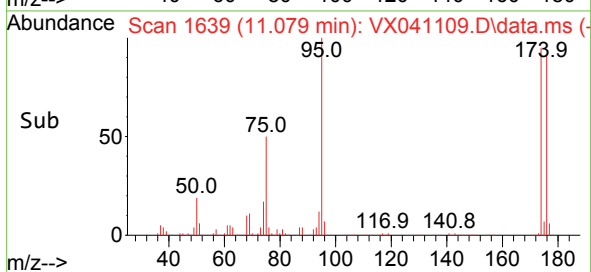
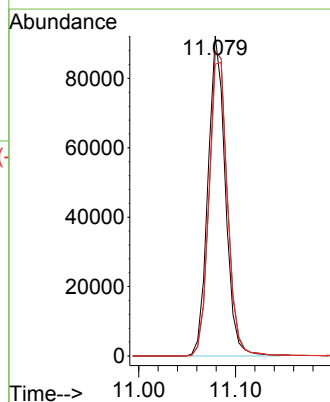
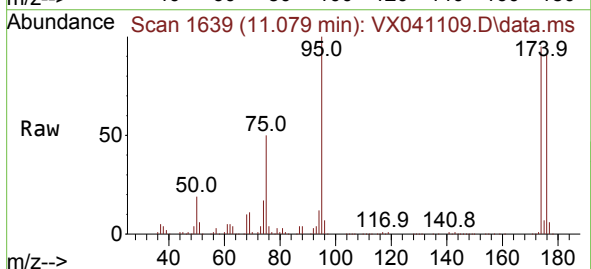
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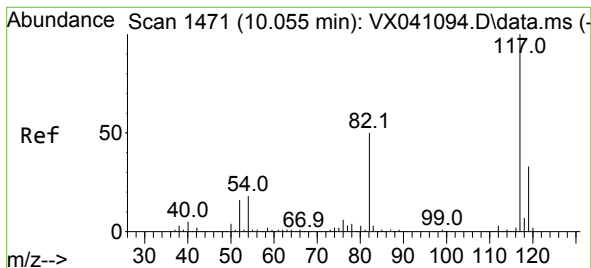
Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 173.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041109.D
Acq: 16 Apr 2024 16:52

Tgt Ion: 95 Resp: 114762
Ion Ratio Lower Upper
95 100
174 100.4 0.0 135.6
176 98.7 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: VX041109.D

Acq: 16 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-SAMPLE-MANAG

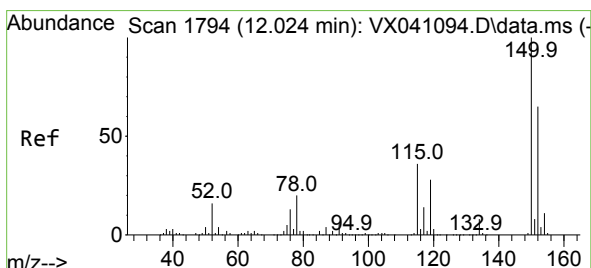
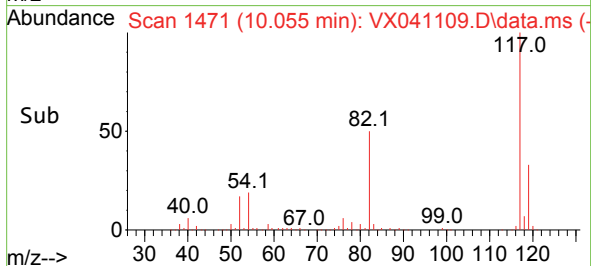
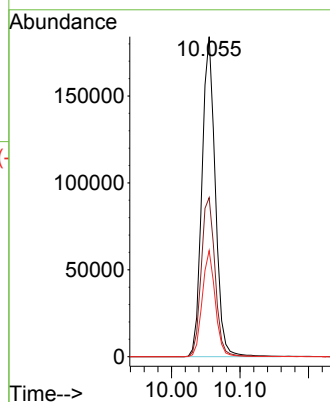
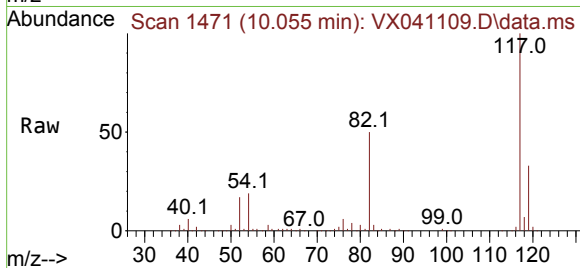
Tgt Ion:117 Resp: 249953

Ion Ratio Lower Upper

117 100

82 49.7 46.2 69.4

119 33.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041109.D

Acq: 16 Apr 2024 16:52

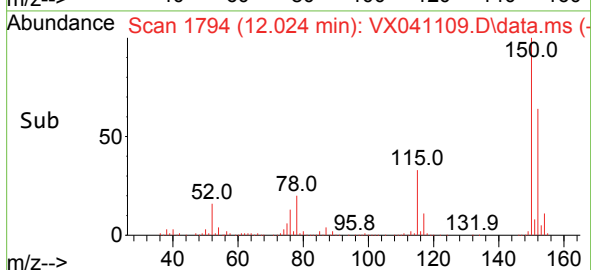
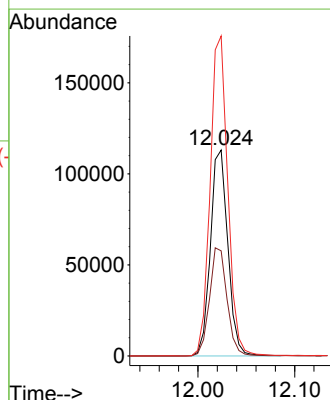
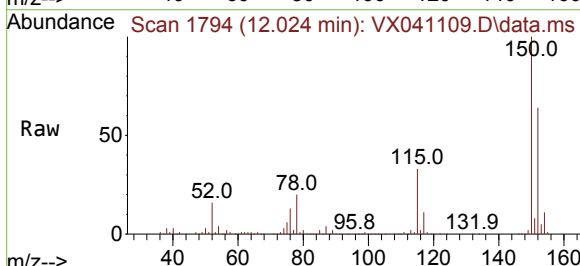
Tgt Ion:152 Resp: 142150

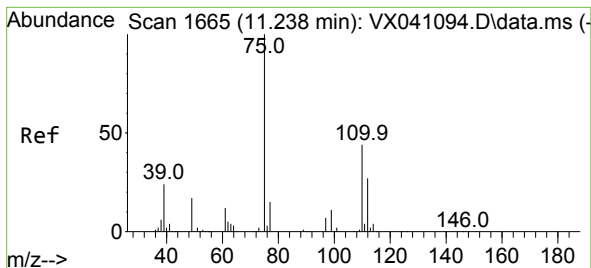
Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.546 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041109.D

Acq: 16 Apr 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

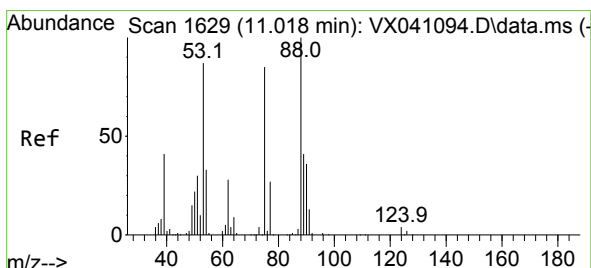
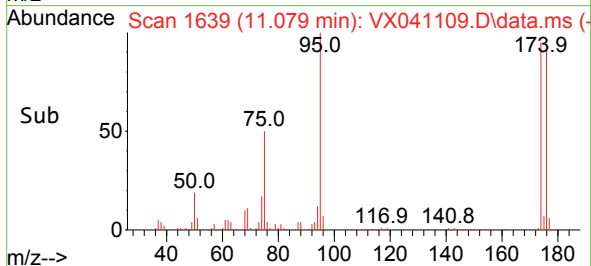
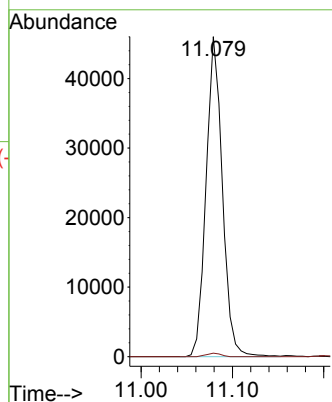
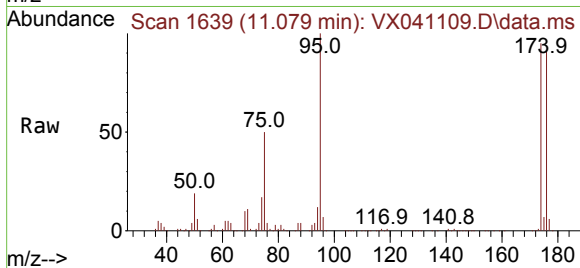
STORAGE-BLANK-SOIL-SAMPLE-MANAG

Tgt Ion: 75 Resp: 56861

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.777 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041109.D

Acq: 16 Apr 2024 16:52

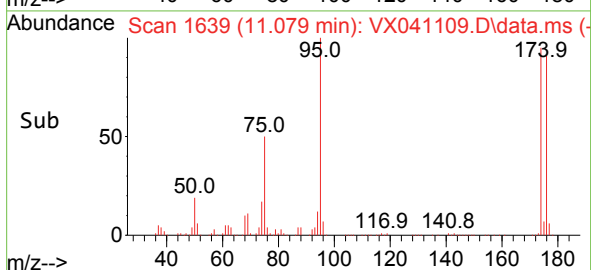
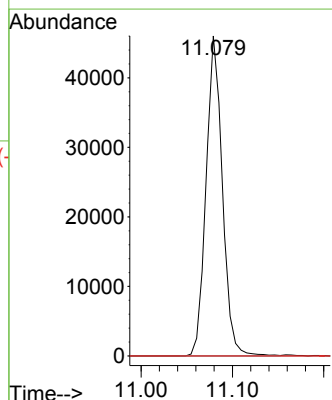
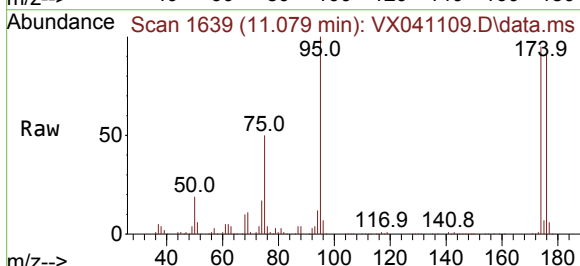
Tgt Ion: 75 Resp: 56861

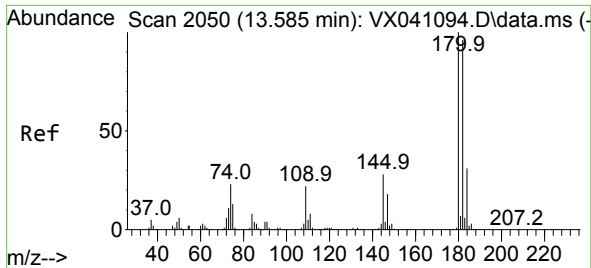
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

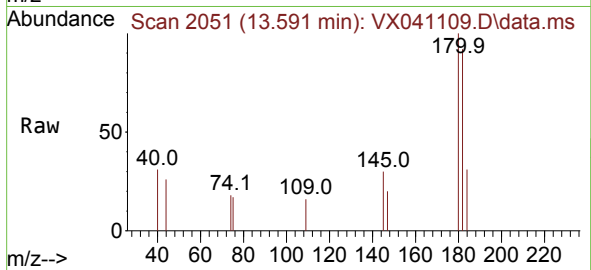
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.234 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX041109.D
 Acq: 16 Apr 2024 16:52

Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-SOIL-SAMPLE-MANAG



Tgt Ion:180 Resp: 810
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.3 144.8
 145 17.3 18.0 54.0#

