

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041108.D
 Acq On : 16 Apr 2024 16:29
 Operator : JC/MD
 Sample : P2115-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-4

Quant Time: Apr 17 02:12:40 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)

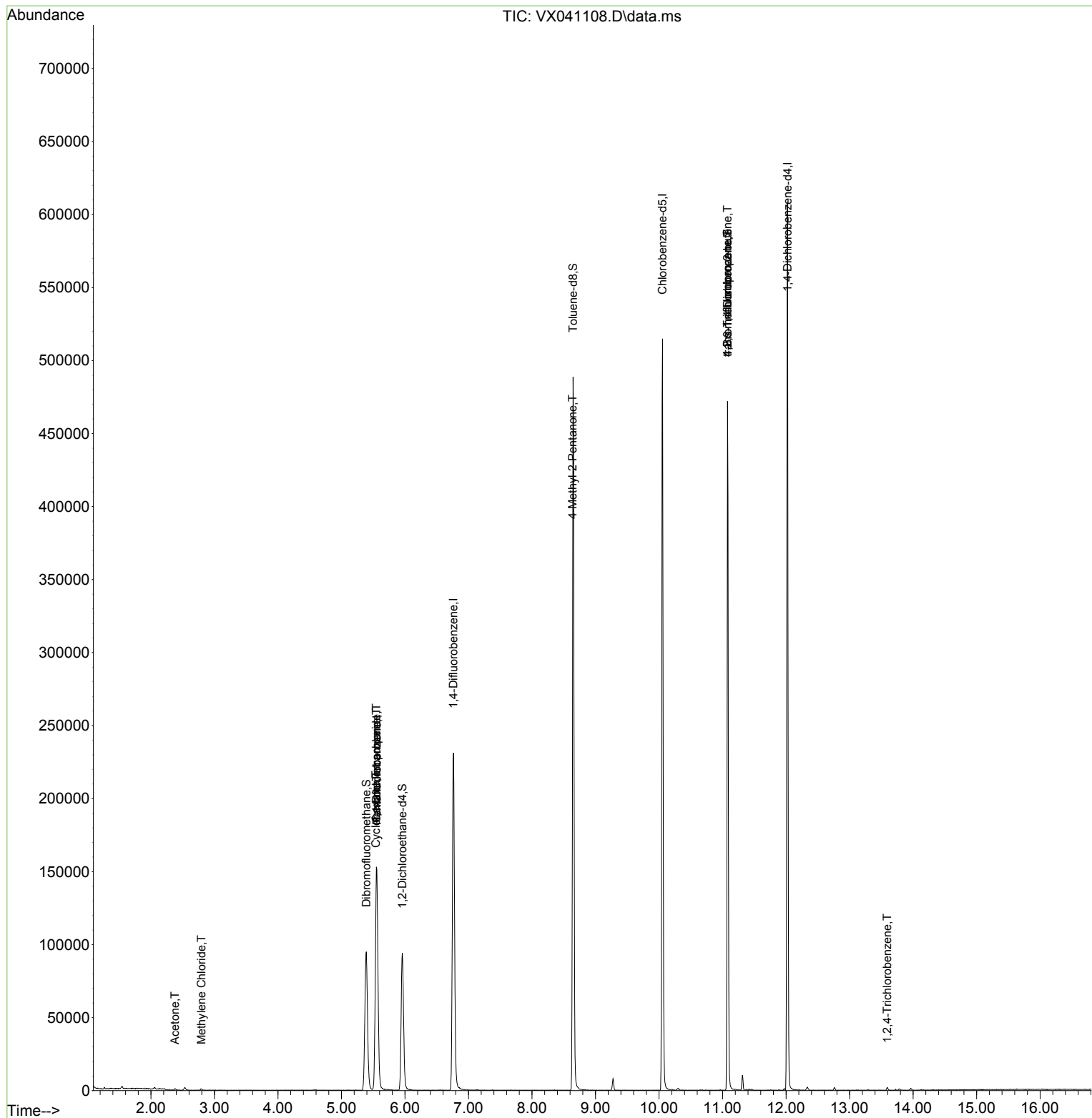
Internal Standards						
1) Pentafluorobenzene	5.556	168	166394	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	253966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93255	51.910	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.820%	
35) Dibromofluoromethane	5.391	113	81931	48.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.580%	
50) Toluene-d8	8.647	98	297631	50.085	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.180%	
62) 4-Bromofluorobenzene	11.079	95	114965	50.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.920%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1158	1.534	ug/l	# 85
20) Methylene Chloride	2.794	84	406	0.252	ug/l	# 84
31) Cyclohexane	5.543	56	2679	1.204	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	10101	4.703	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	14478	5.813	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.640	43	1241	0.480	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	55773	24.135	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	55773	61.770	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	877	0.254	ug/l	96

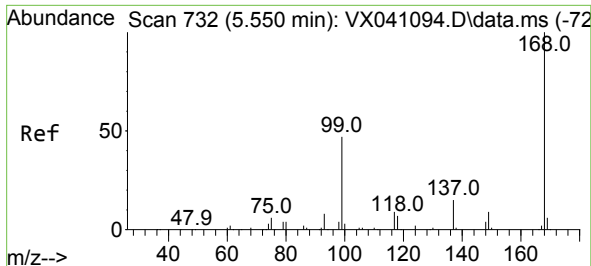
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-SOIL-REF-4

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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

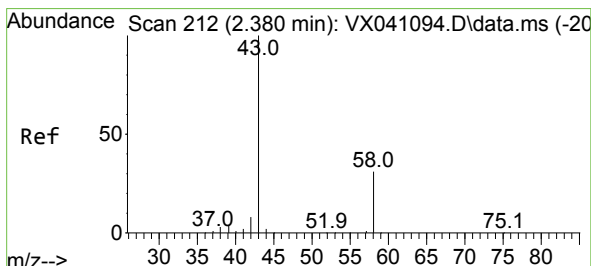
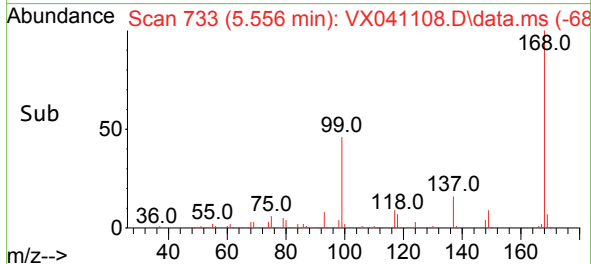
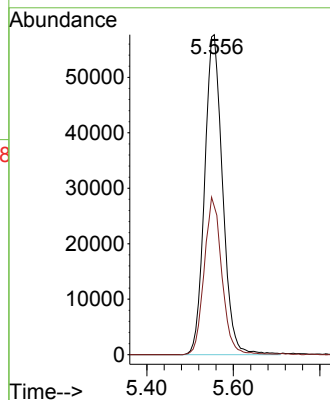
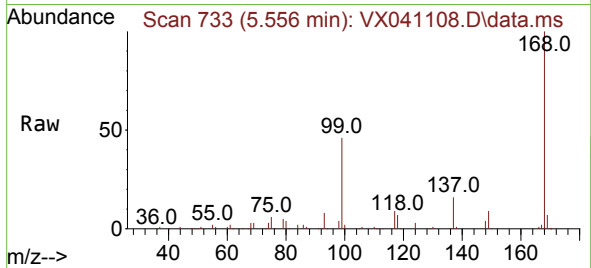




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

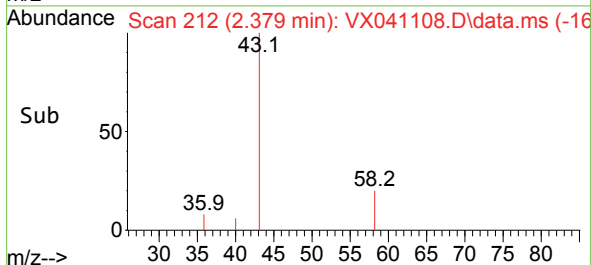
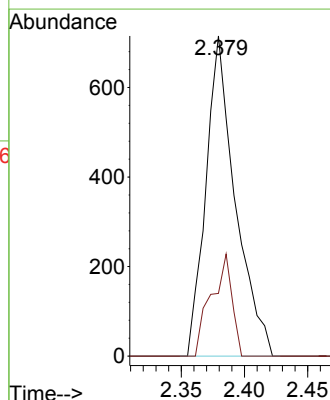
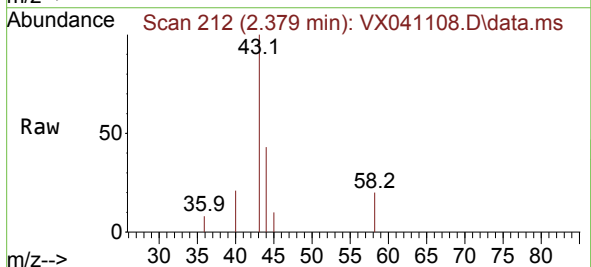
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

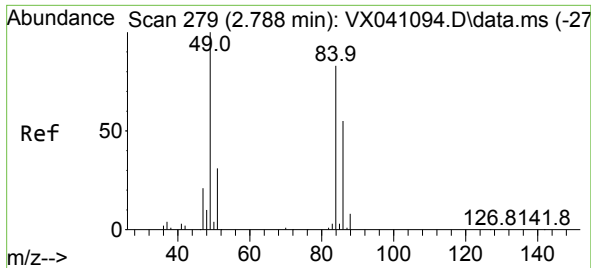
Tgt Ion:168 Resp: 166394
Ion Ratio Lower Upper
168 100
99 46.3 56.6 85.0#



#16
Acetone
Concen: 1.534 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
58 19.6 21.9 32.9#

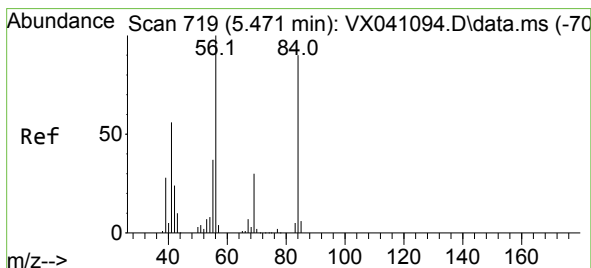
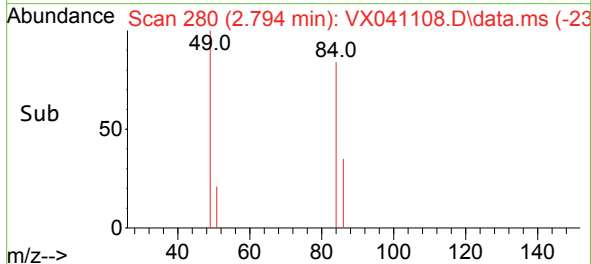
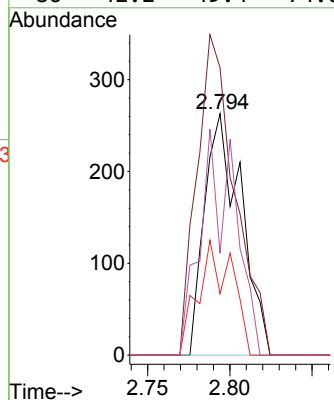
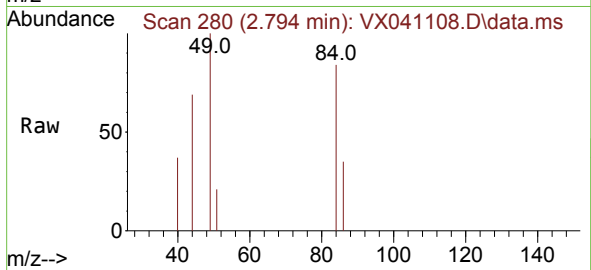




#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

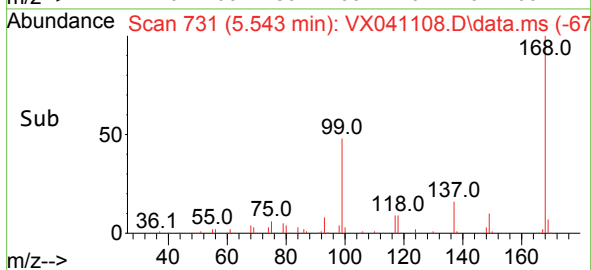
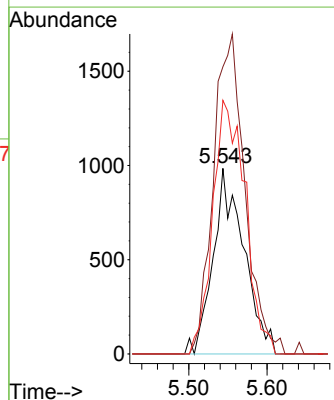
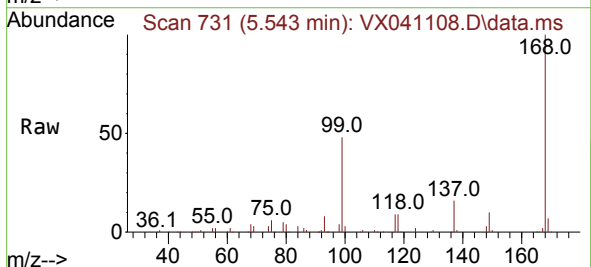
Instrument :
MSVOA_X
ClientSampleId :
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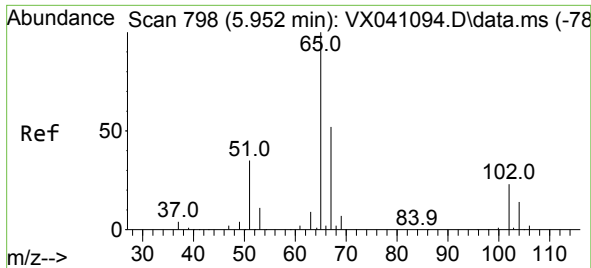
Tgt Ion:	84	Resp:	406
Ion	Ratio	Lower	Upper
84	100		
49	119.0	103.6	155.4
51	25.5	33.8	50.6#
86	42.2	49.4	74.0#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

Tgt Ion:	56	Resp:	2679
Ion	Ratio	Lower	Upper
56	100		
69	154.7	23.4	35.2#
84	136.6	65.9	98.9#

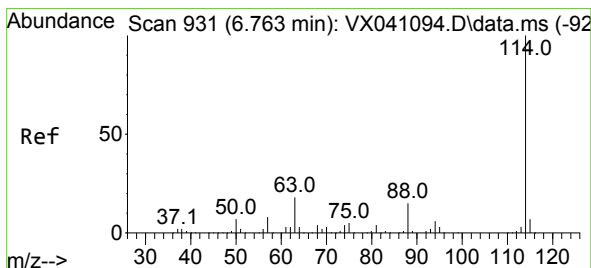
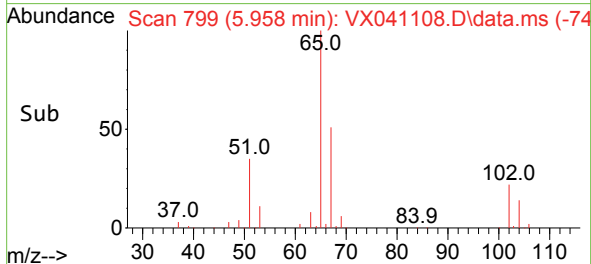
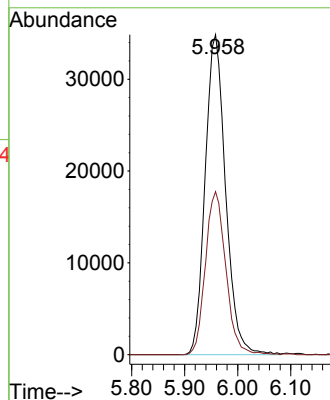
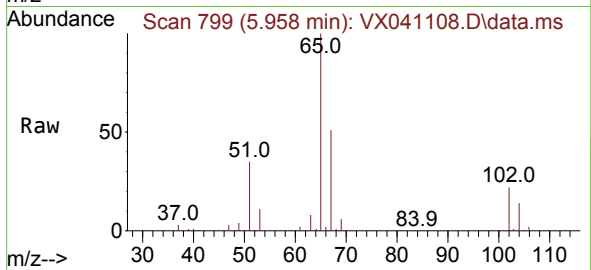




#33
1,2-Dichloroethane-d4
Concen: 51.910 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

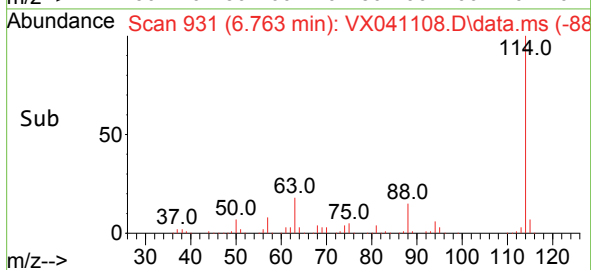
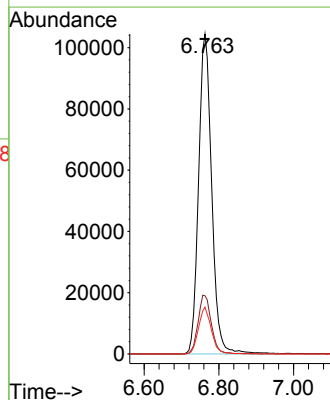
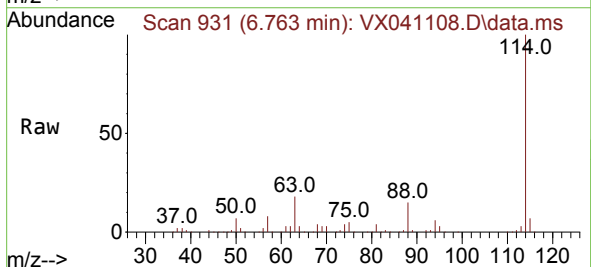
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

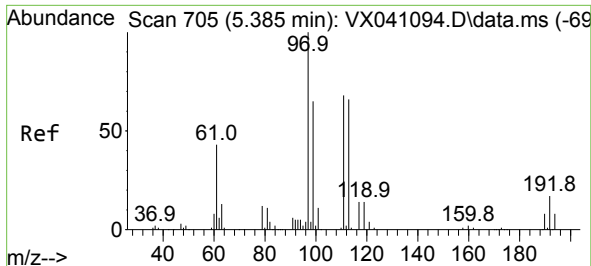
Tgt Ion: 65 Resp: 93255
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

Tgt Ion: 114 Resp: 253966
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 14.6 0.0 36.6

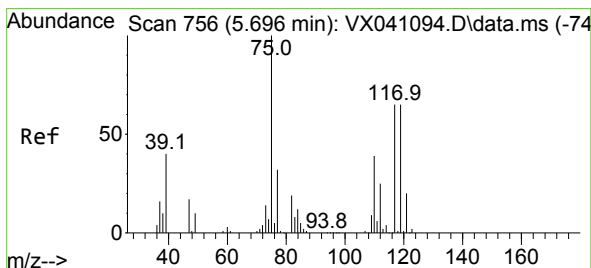
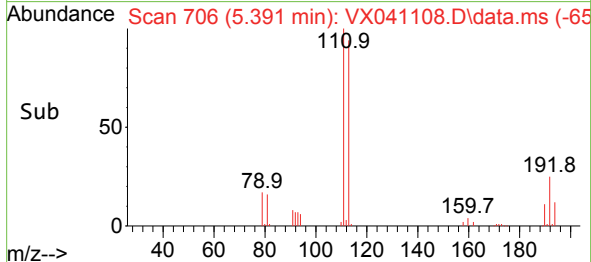
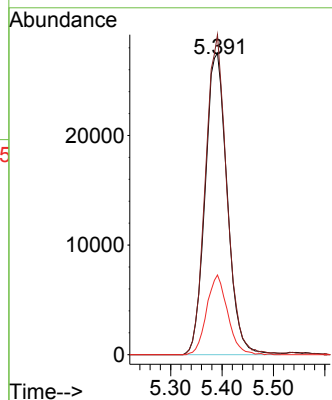
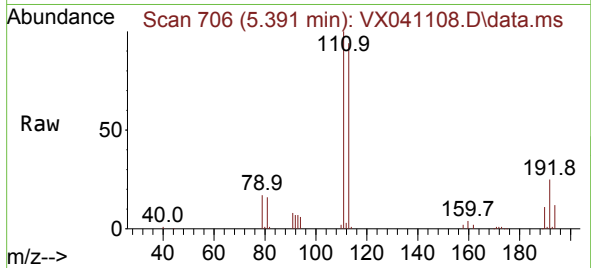




#35
Dibromofluoromethane
Concen: 48.293 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

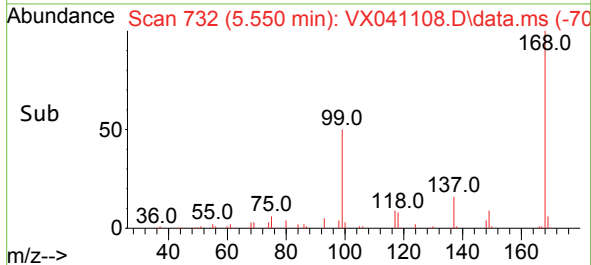
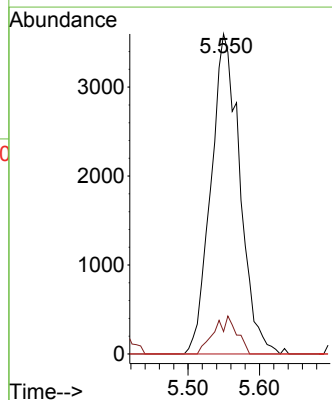
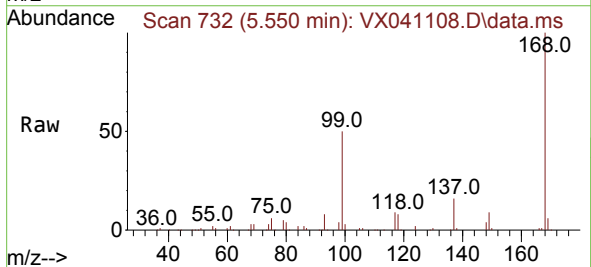
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

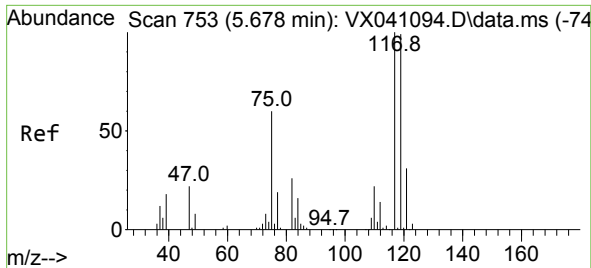
Tgt Ion:113 Resp: 81931
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 25.1 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.703 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

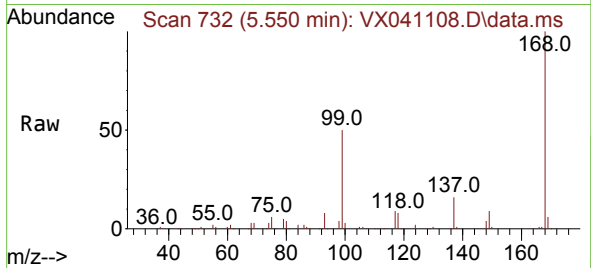
Tgt Ion: 75 Resp: 10101
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



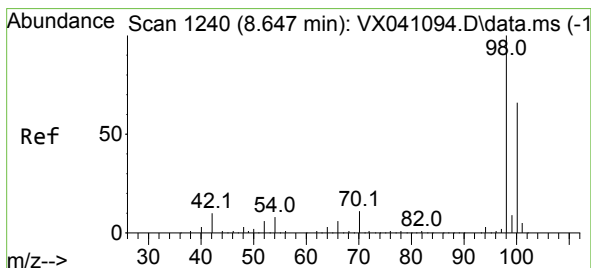
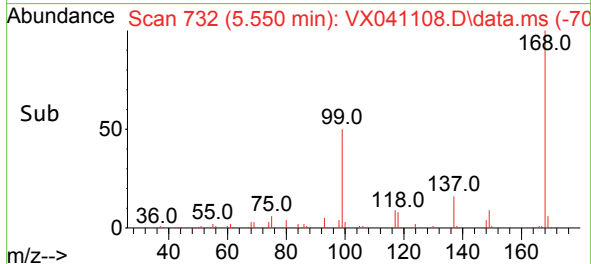
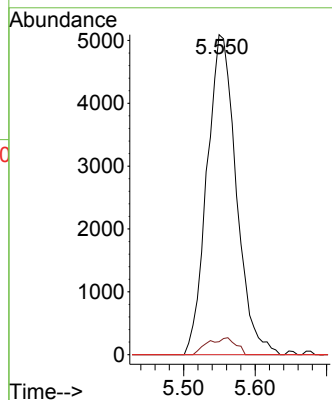


#38
Carbon Tetrachloride
Concen: 5.813 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

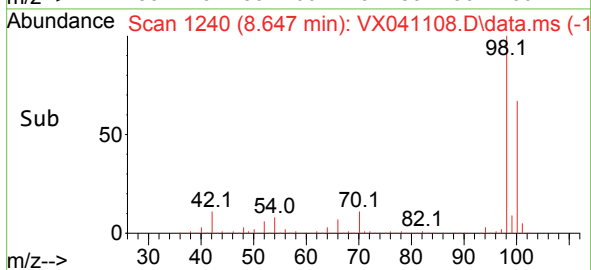
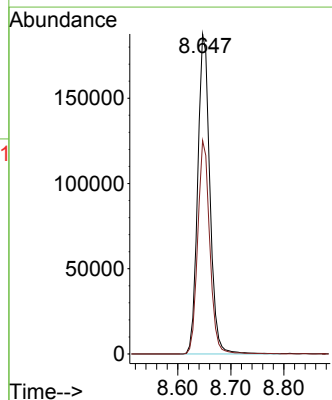
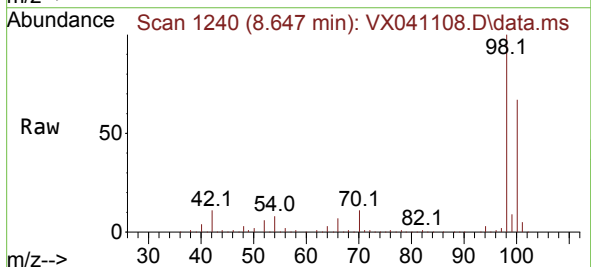


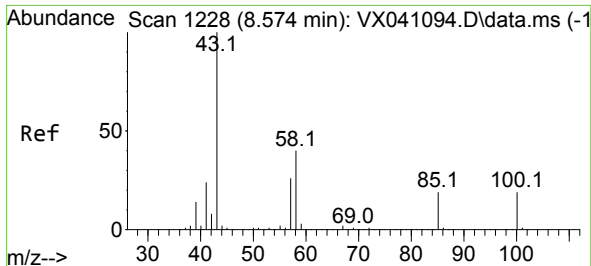
Tgt Ion:117 Resp: 14478
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.085 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

Tgt Ion: 98 Resp: 297631
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

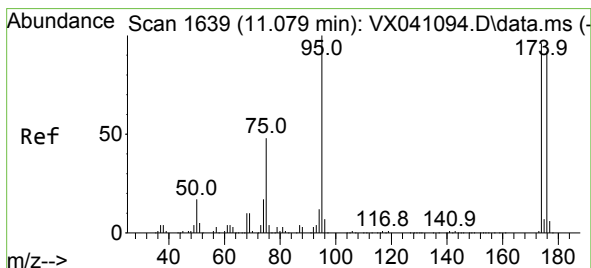
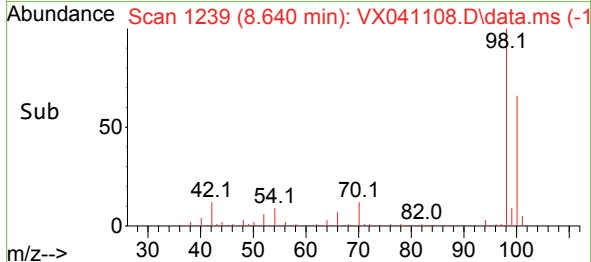
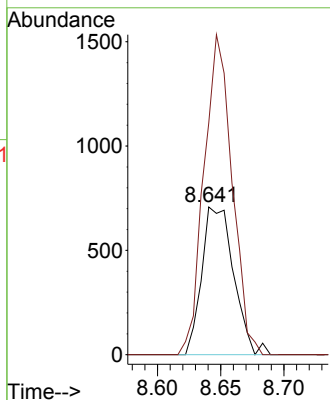
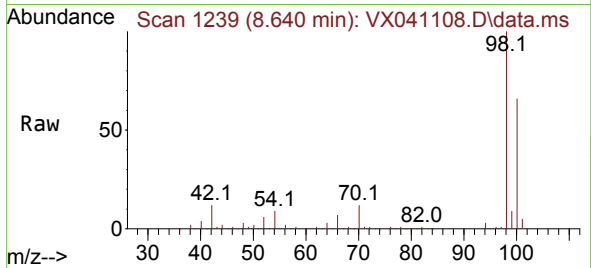




#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.640 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

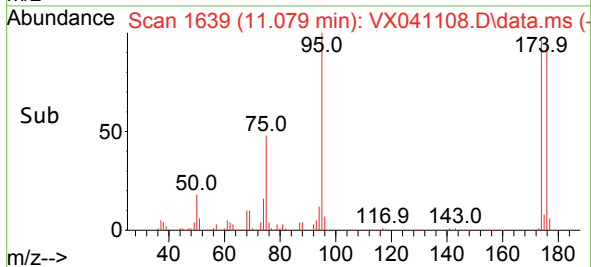
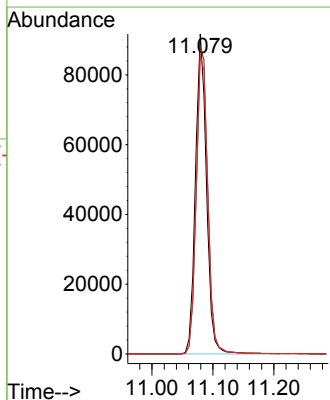
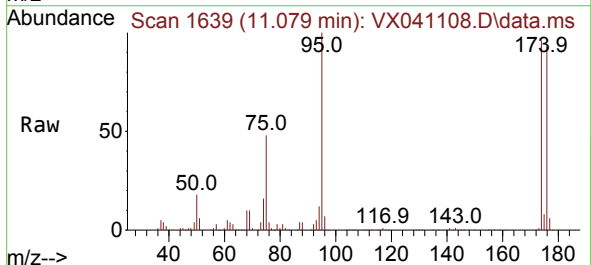
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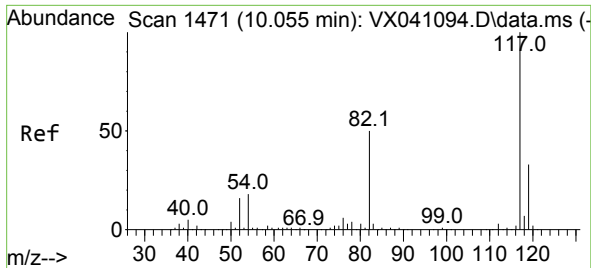
Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 191.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.963 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

Tgt Ion: 95 Resp: 114965
Ion Ratio Lower Upper
95 100
174 100.5 0.0 135.6
176 98.3 0.0 131.0

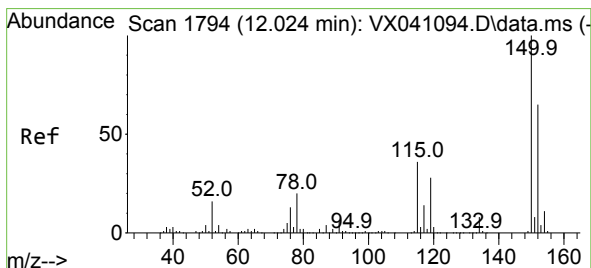
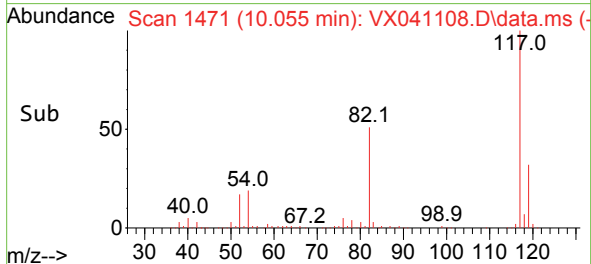
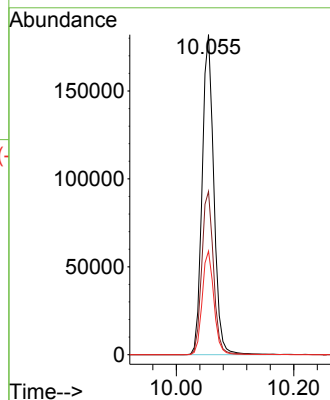
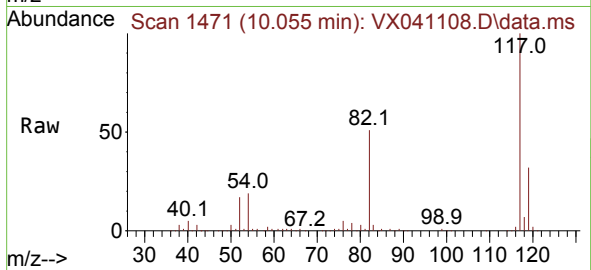




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

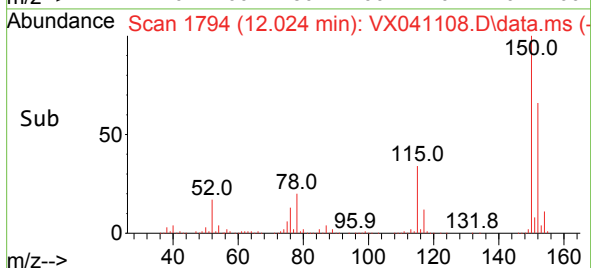
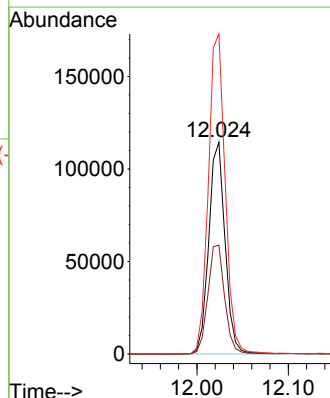
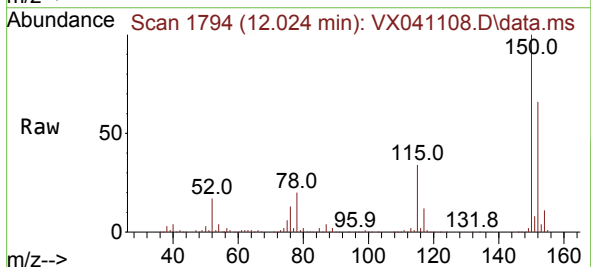
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-4

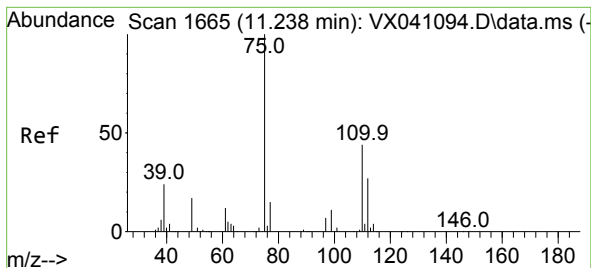
Tgt Ion:117 Resp: 251437
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041108.D
Acq: 16 Apr 2024 16:29

Tgt Ion:152 Resp: 141801
Ion Ratio Lower Upper
152 100
115 52.9 43.3 129.9
150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.135 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041108.D

Acq: 16 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

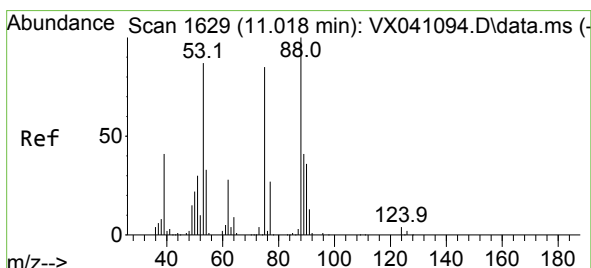
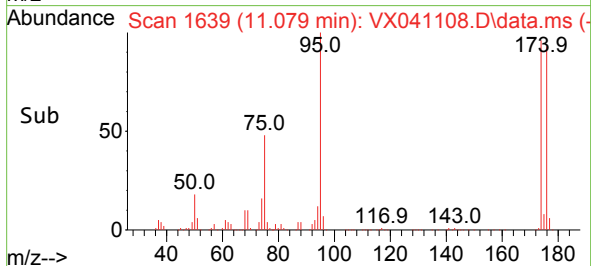
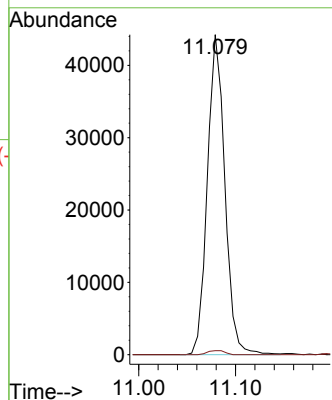
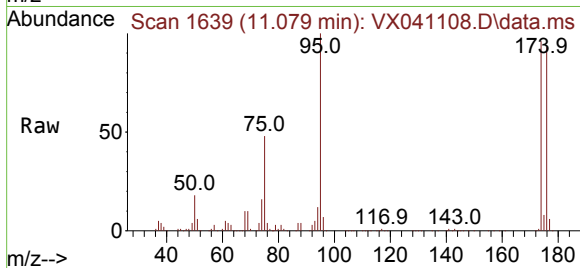
STORAGE-BLANK-SOIL-REF-4

Tgt Ion: 75 Resp: 55773

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.770 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041108.D

Acq: 16 Apr 2024 16:29

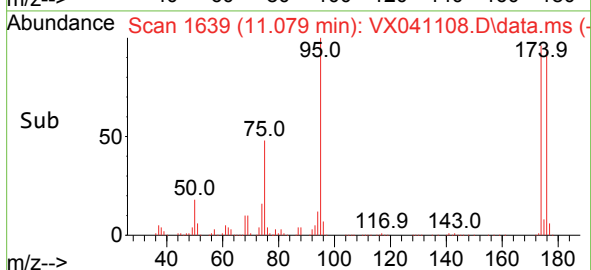
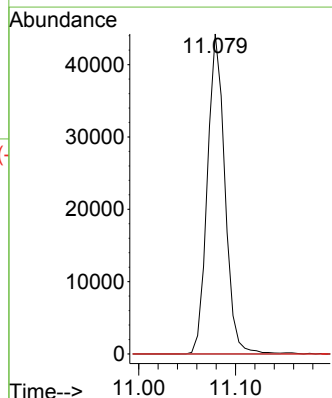
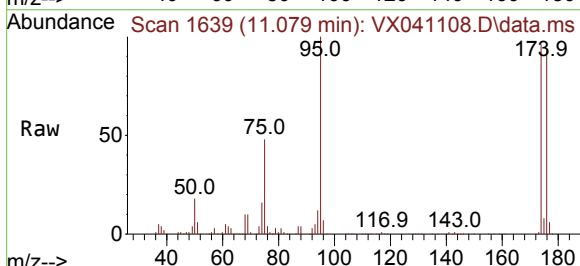
Tgt Ion: 75 Resp: 55773

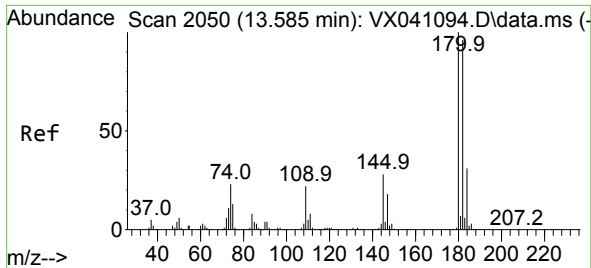
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.254 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041108.D

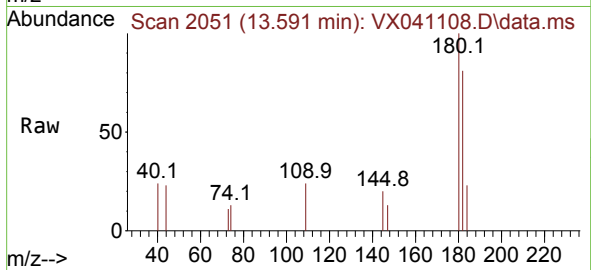
Acq: 16 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-4



Tgt Ion:180 Resp: 877

Ion Ratio Lower Upper

180 100

182 94.3 48.3 144.8

145 31.6 18.0 54.0

