

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041107.D
 Acq On : 16 Apr 2024 16:06
 Operator : JC/MD
 Sample : P2115-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5

Quant Time: Apr 17 02:12:21 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)

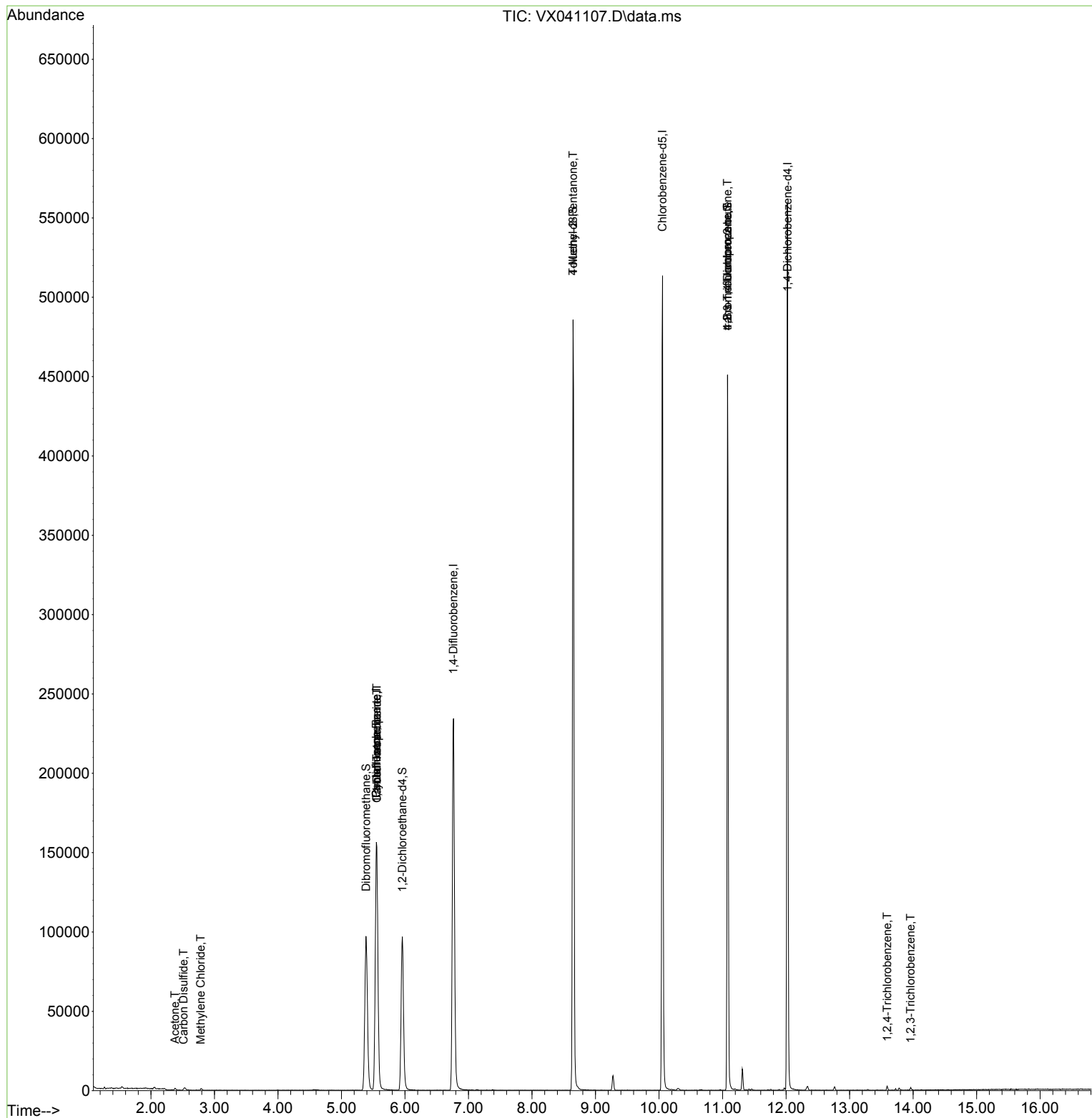
Internal Standards						
1) Pentafluorobenzene	5.550	168	169850	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	254006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95162	51.894	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.780%	
35) Dibromofluoromethane	5.385	113	82732	48.758	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.520%	
50) Toluene-d8	8.647	98	296476	49.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	11.079	95	111100	49.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.480%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1203	1.561	ug/l	# 87
17) Carbon Disulfide	2.514	76	683	0.200	ug/l	# 76
20) Methylene Chloride	2.782	84	495	0.301	ug/l	# 77
31) Cyclohexane	5.550	56	2852	1.255	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	10511	4.893	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	14674	5.891	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1212	0.468	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	54424	25.260	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	54424	64.531	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	958	0.297	ug/l	91
96) 1,2,3-Trichlorobenzene	13.963	180	677	0.212	ug/l	94

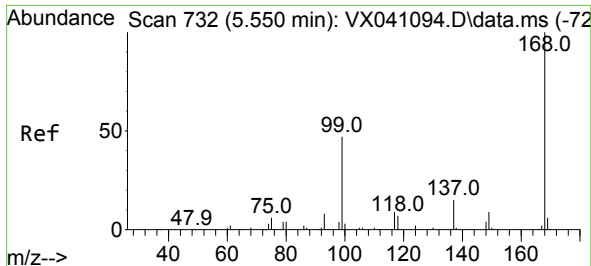
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 17 02:12:21 2024
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

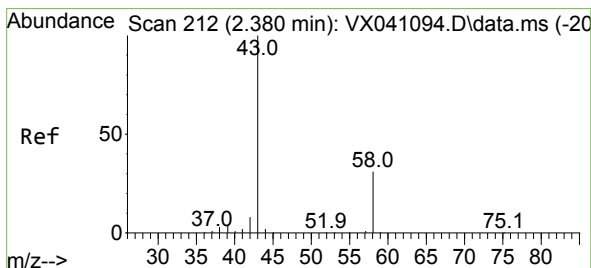
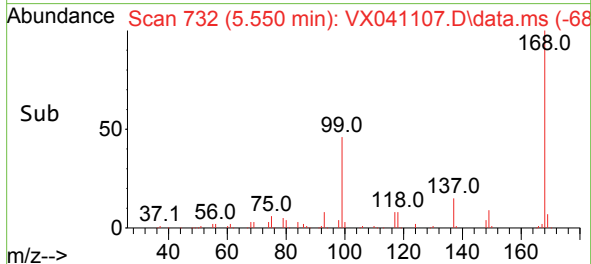
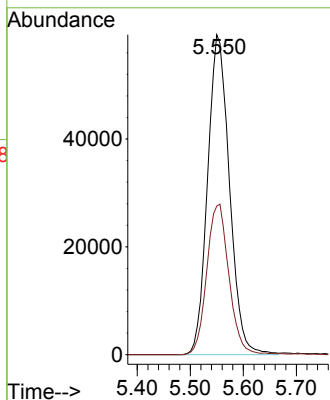
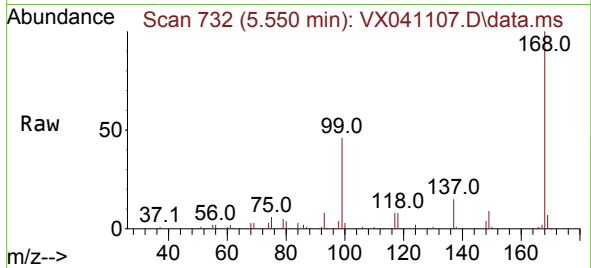




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

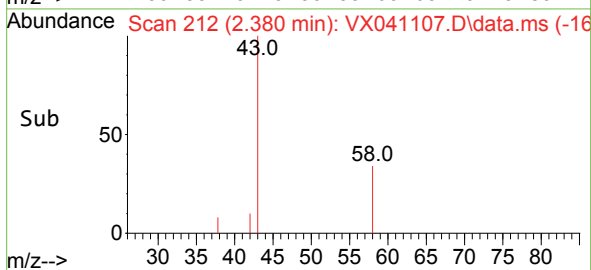
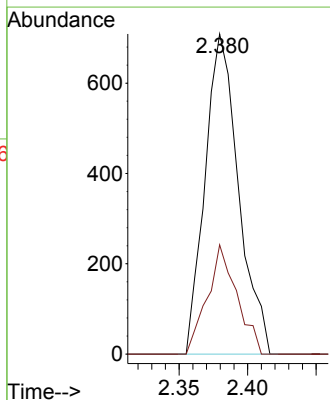
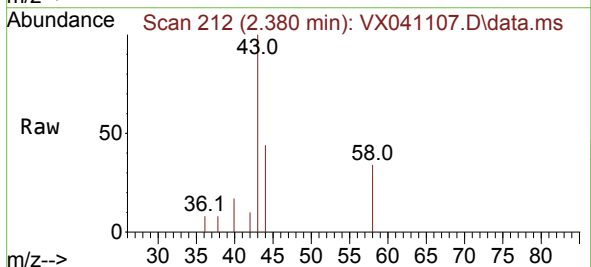
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

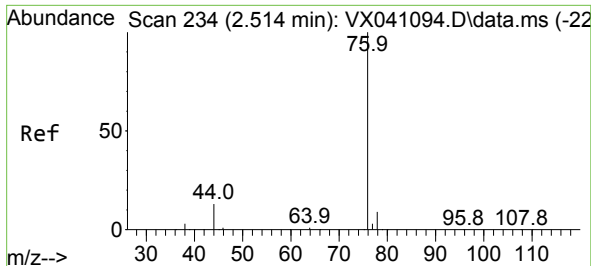
Tgt Ion:168 Resp: 169850
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#



#16
Acetone
Concen: 1.561 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

Tgt Ion: 43 Resp: 1203
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.200 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX041107.D

Acq: 16 Apr 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

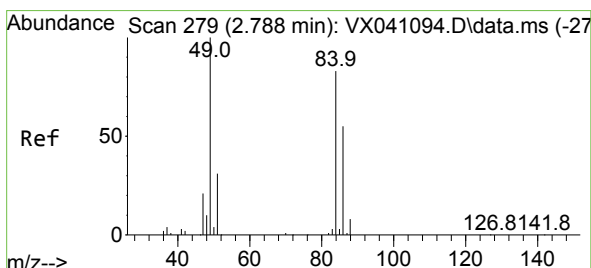
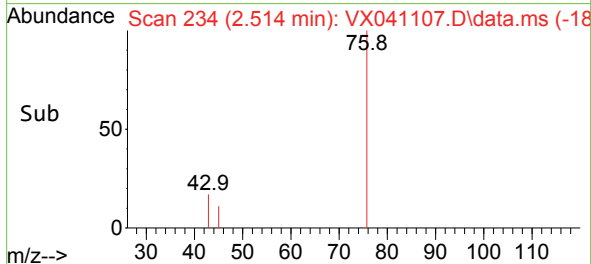
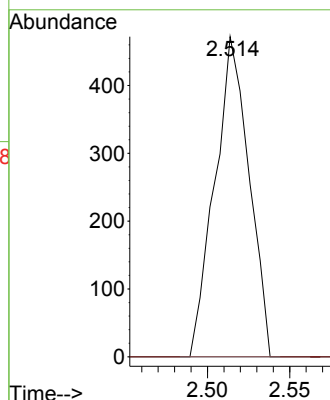
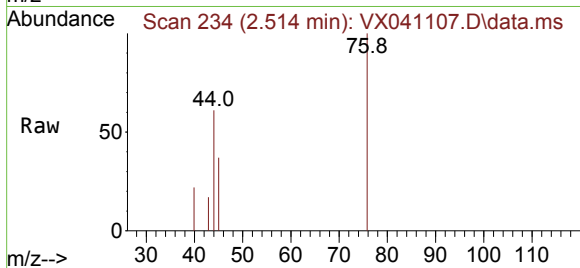
STORAGE-BLANK-SOIL-REF-5

Tgt Ion: 76 Resp: 683

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.301 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041107.D

Acq: 16 Apr 2024 16:06

Tgt Ion: 84 Resp: 495

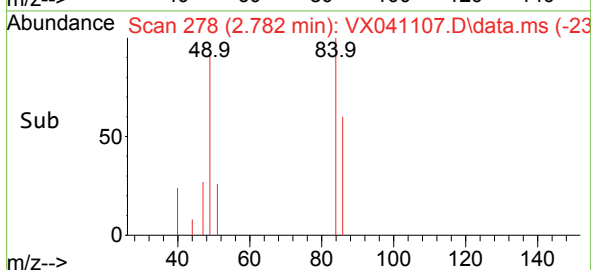
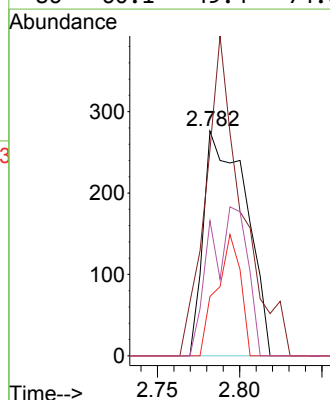
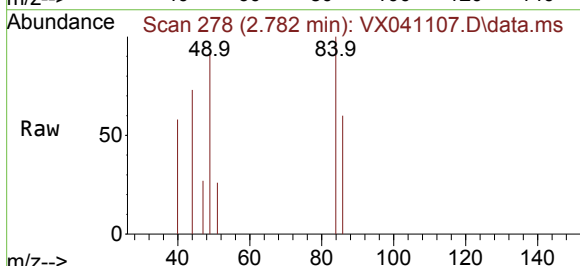
Ion Ratio Lower Upper

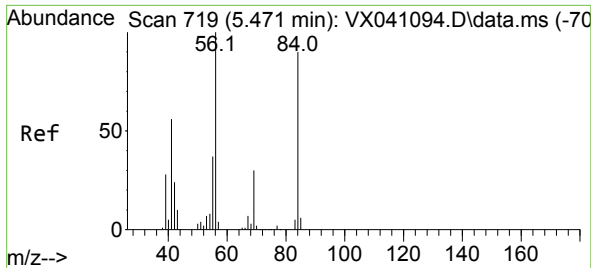
84 100

49 91.7 103.6 155.4#

51 26.4 33.8 50.6#

86 60.1 49.4 74.0

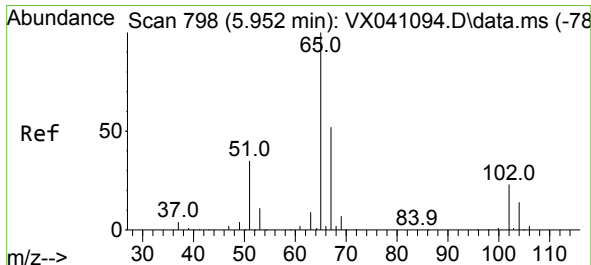
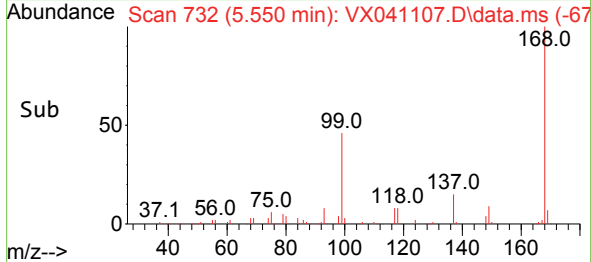
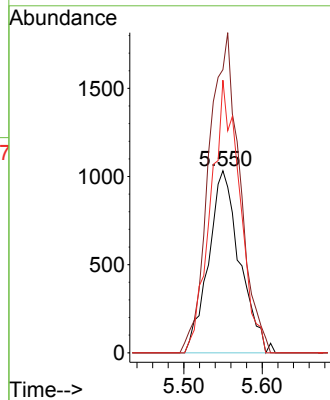
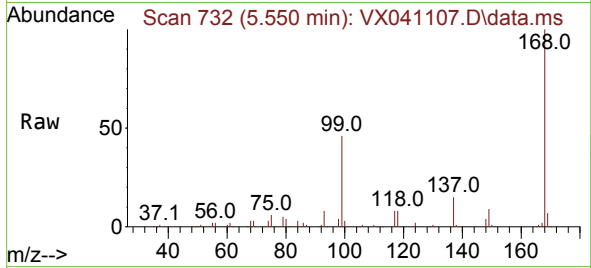




#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

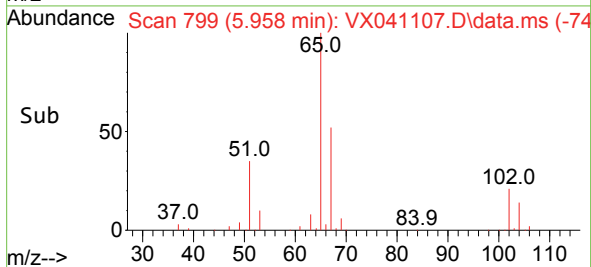
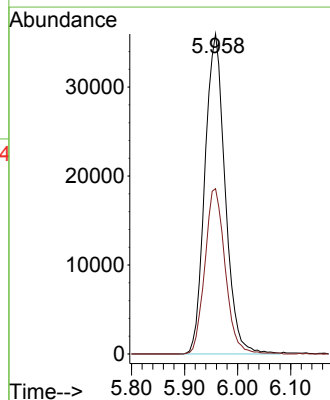
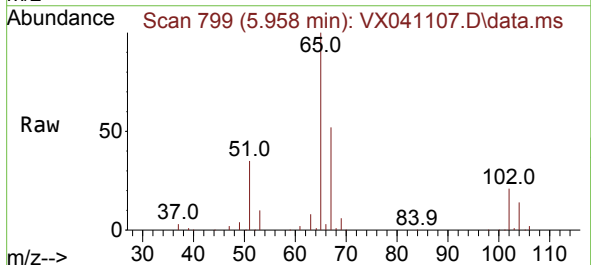
Instrument :
MSVOA_X
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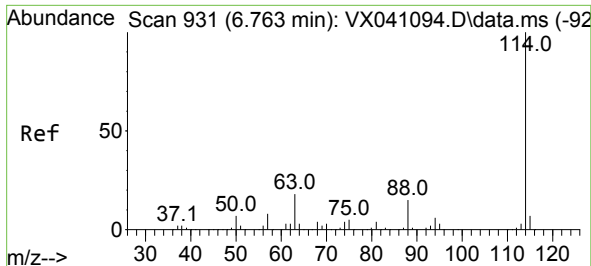
Tgt Ion: 56 Resp: 2852
Ion Ratio Lower Upper
56 100
69 155.5 23.4 35.2#
84 149.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.894 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

Tgt Ion: 65 Resp: 95162
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

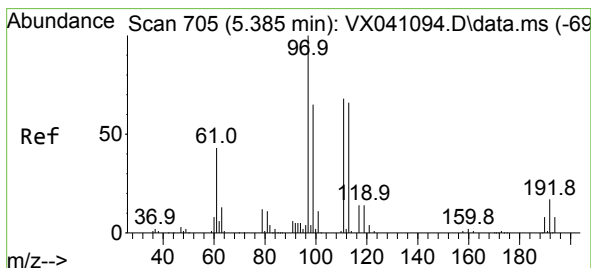
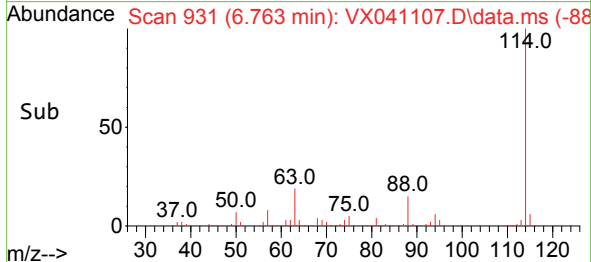
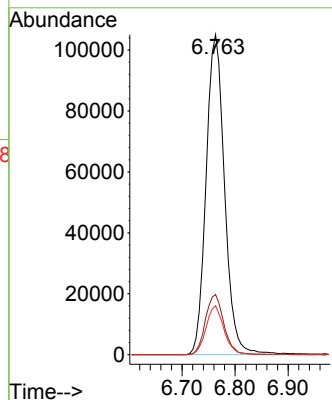
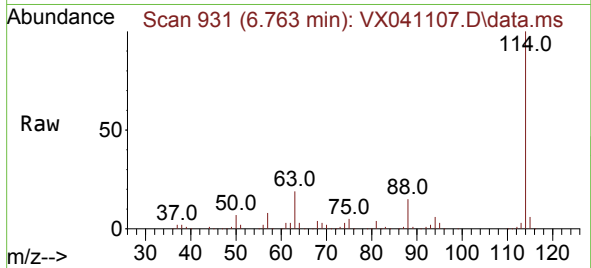




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

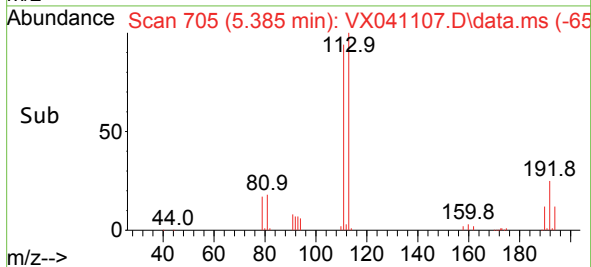
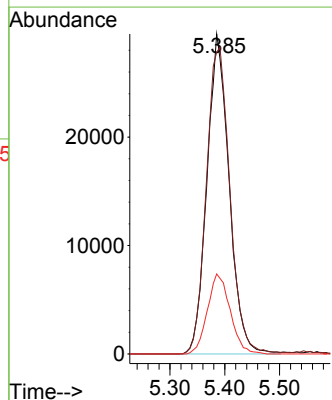
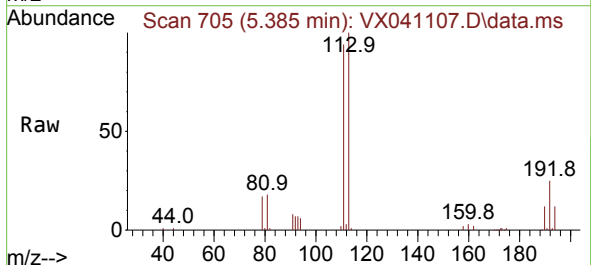
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

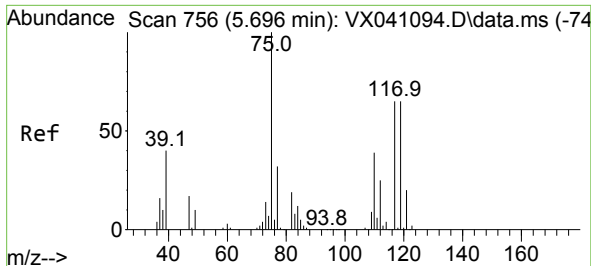
Tgt Ion:114 Resp: 254006
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.758 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

Tgt Ion:113 Resp: 82732
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.7 13.3 19.9#

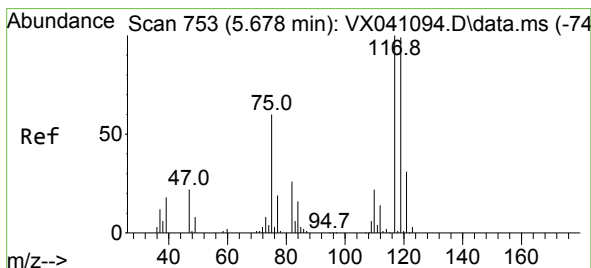
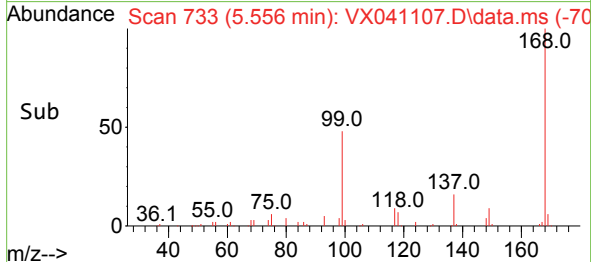
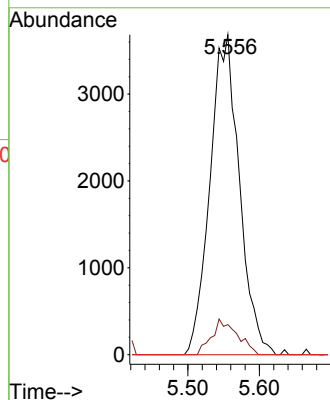
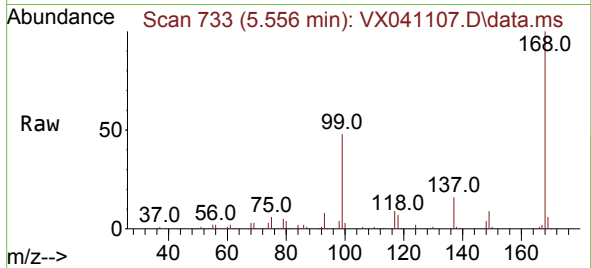




#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

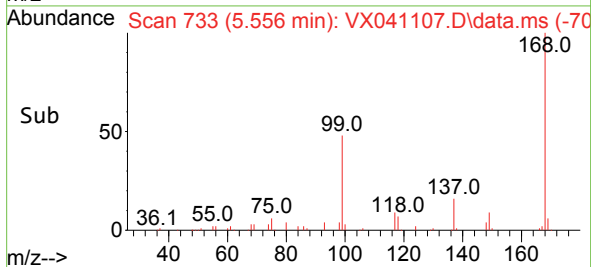
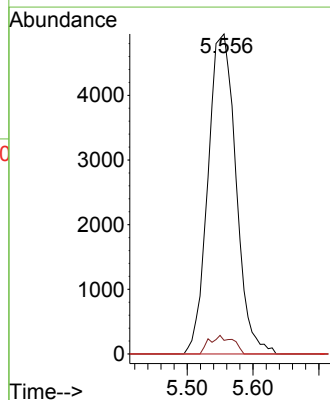
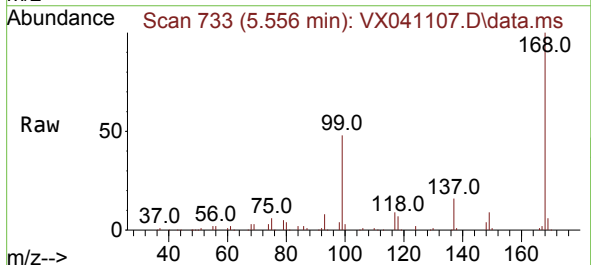
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ClientSampleId :
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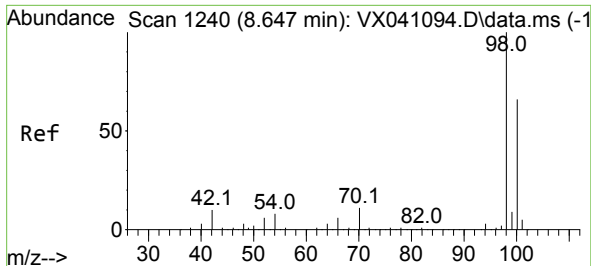
Tgt Ion: 75 Resp: 10511
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.891 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

Tgt Ion: 117 Resp: 14674
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#

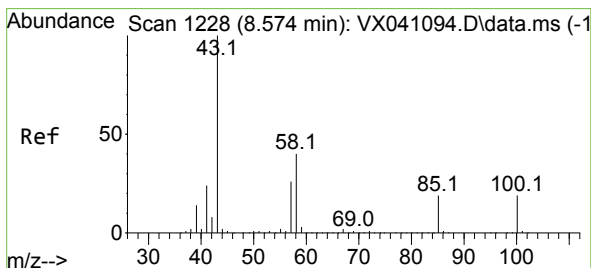
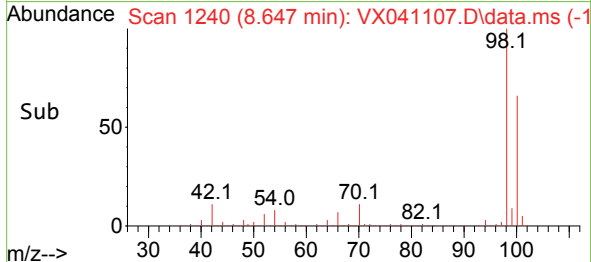
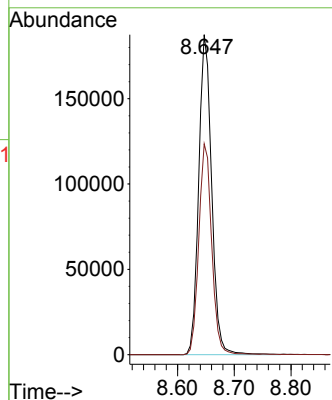
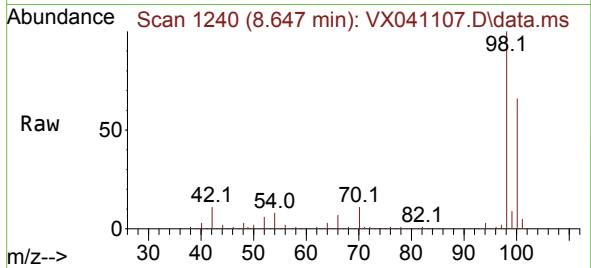




#50
Toluene-d8
Concen: 49.883 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

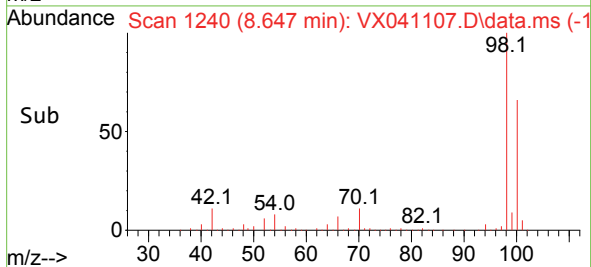
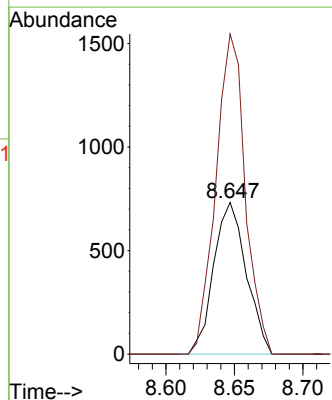
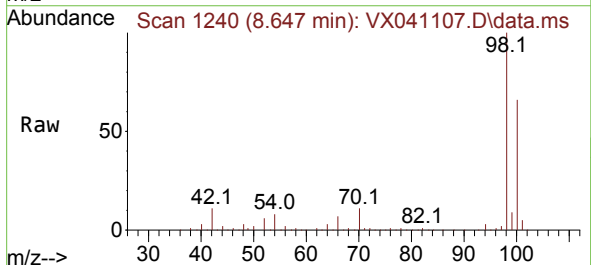
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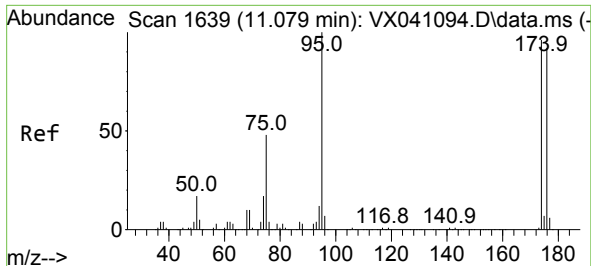
Tgt Ion: 98 Resp: 296476
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

Tgt Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
58 190.7 30.4 45.6#

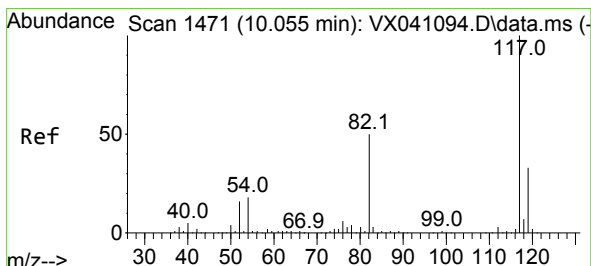
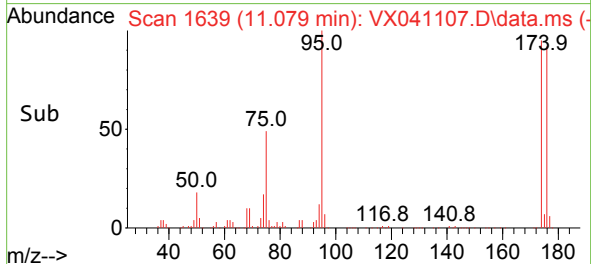
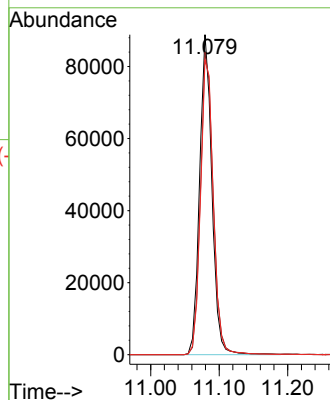
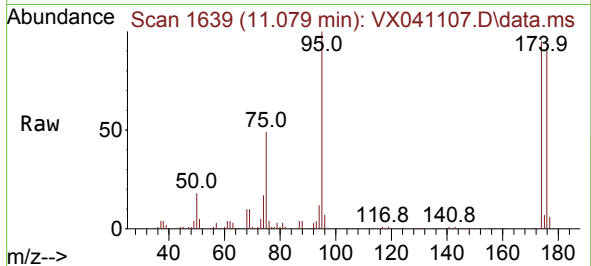




#62
4-Bromofluorobenzene
Concen: 49.242 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

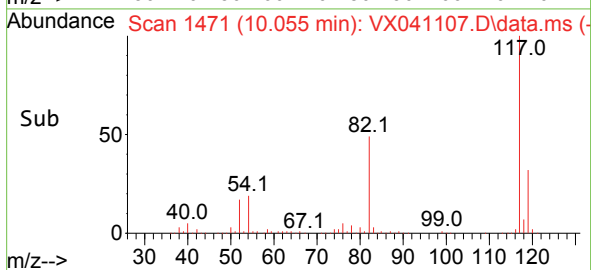
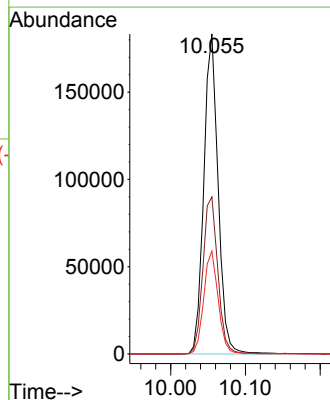
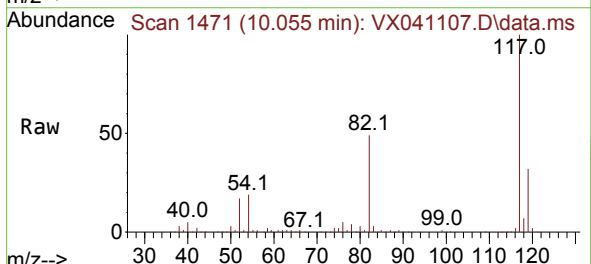
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

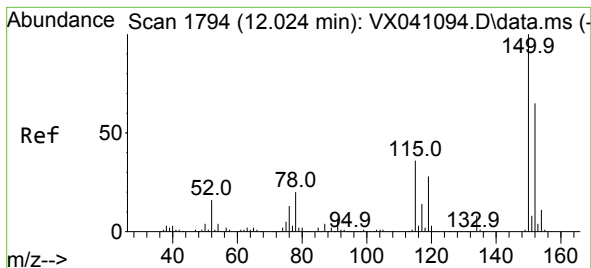
Tgt Ion: 95 Resp: 111100
Ion Ratio Lower Upper
95 100
174 98.2 0.0 135.6
176 96.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

Tgt Ion: 117 Resp: 243587
Ion Ratio Lower Upper
117 100
82 49.1 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041107.D

Acq: 16 Apr 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-5

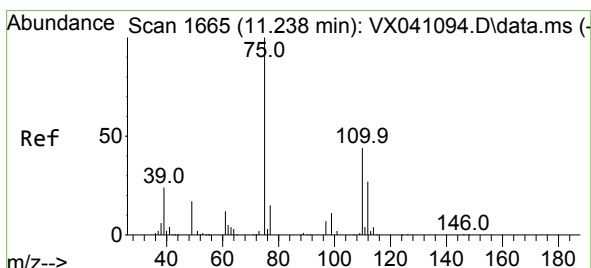
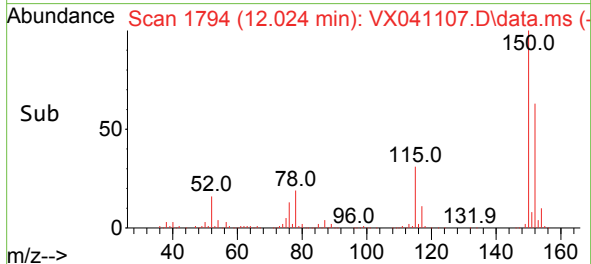
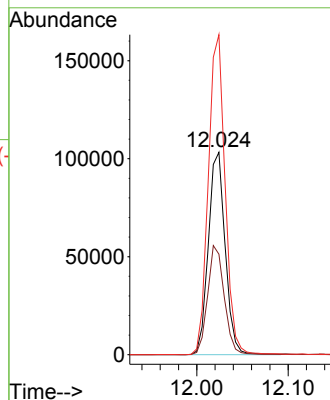
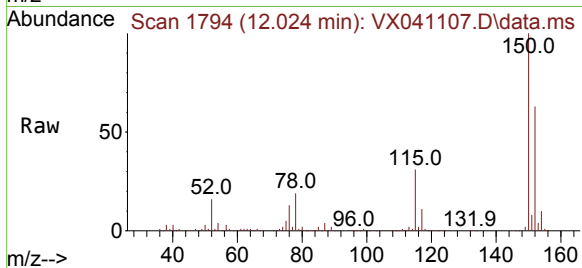
Tgt Ion:152 Resp: 132210

Ion Ratio Lower Upper

152 100

115 53.3 43.3 129.9

150 157.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.260 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041107.D

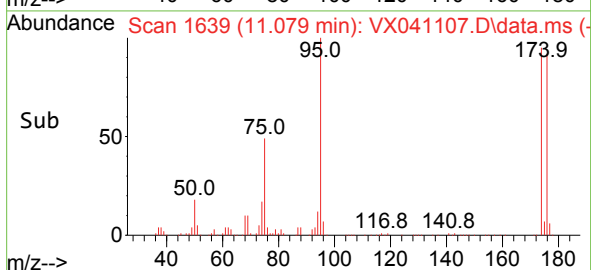
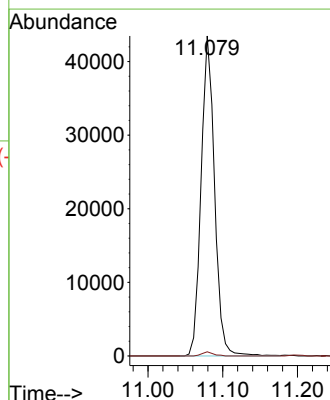
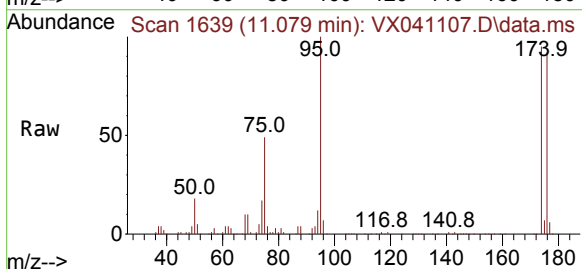
Acq: 16 Apr 2024 16:06

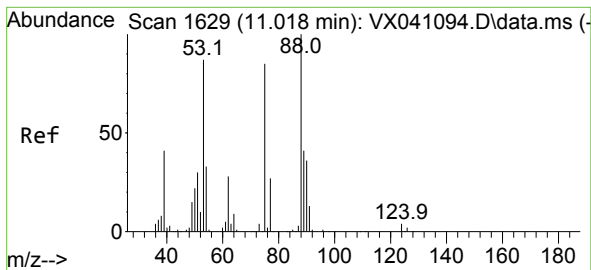
Tgt Ion: 75 Resp: 54424

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

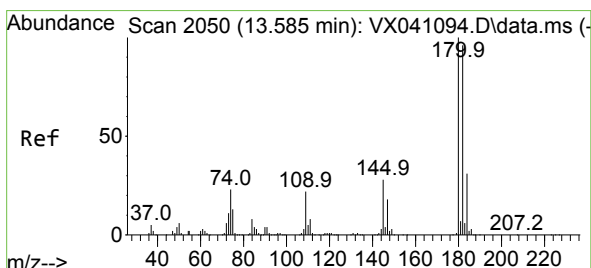
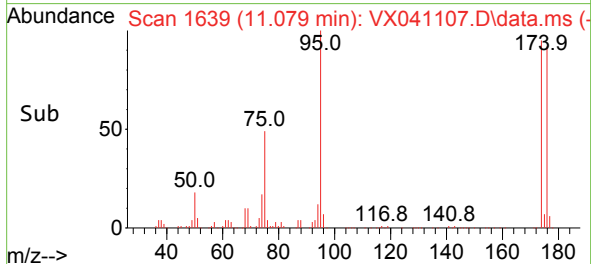
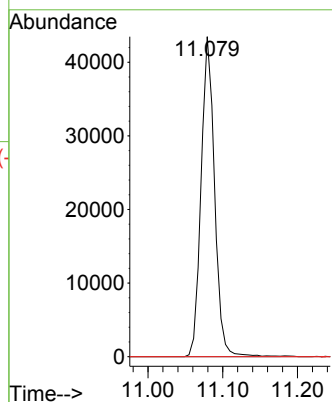
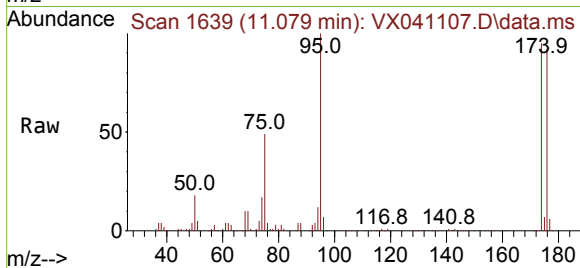




#81
trans-1,4-Dichloro-2-butene
Concen: 64.531 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

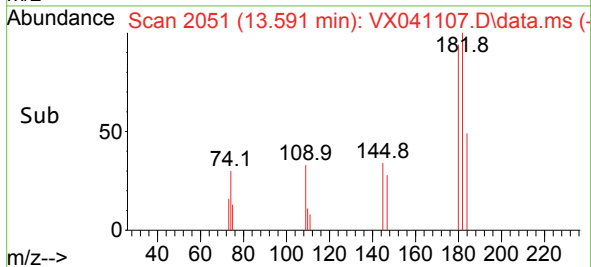
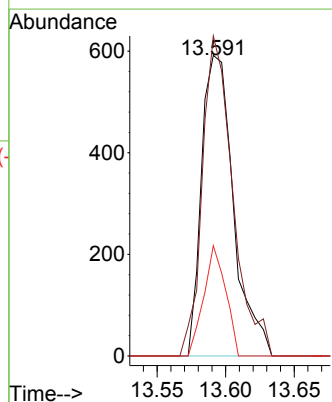
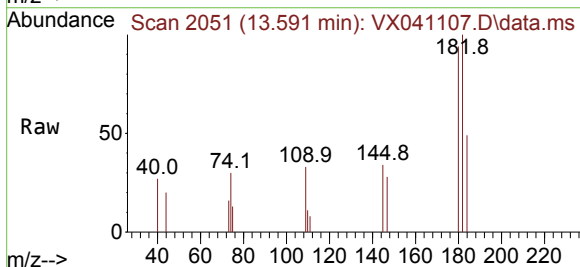
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-5

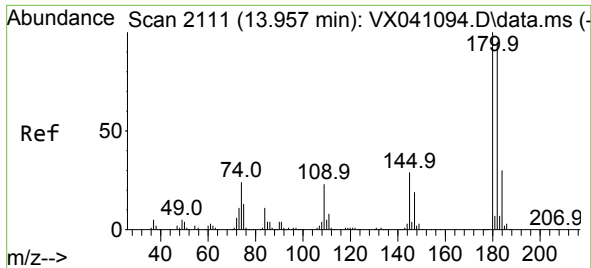
Tgt Ion: 75 Resp: 54424
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.297 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041107.D
Acq: 16 Apr 2024 16:06

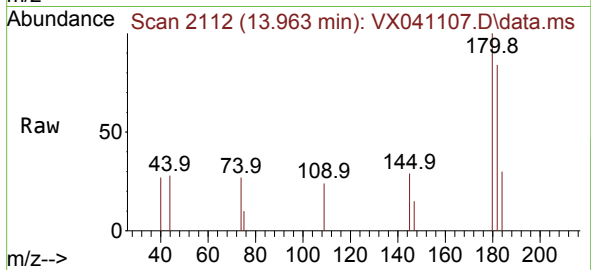
Tgt Ion:180 Resp: 958
Ion Ratio Lower Upper
180 100
182 101.6 48.3 144.8
145 25.1 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.212 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX041107.D
 Acq: 16 Apr 2024 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-5



Tgt Ion:	180	Resp:	677
Ion	Ratio	Lower	Upper
180	100		
182	92.9	46.9	140.6
145	25.1	17.8	53.5

