

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041106.D
 Acq On : 16 Apr 2024 15:43
 Operator : JC/MD
 Sample : P2115-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Apr 17 02:12:04 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)

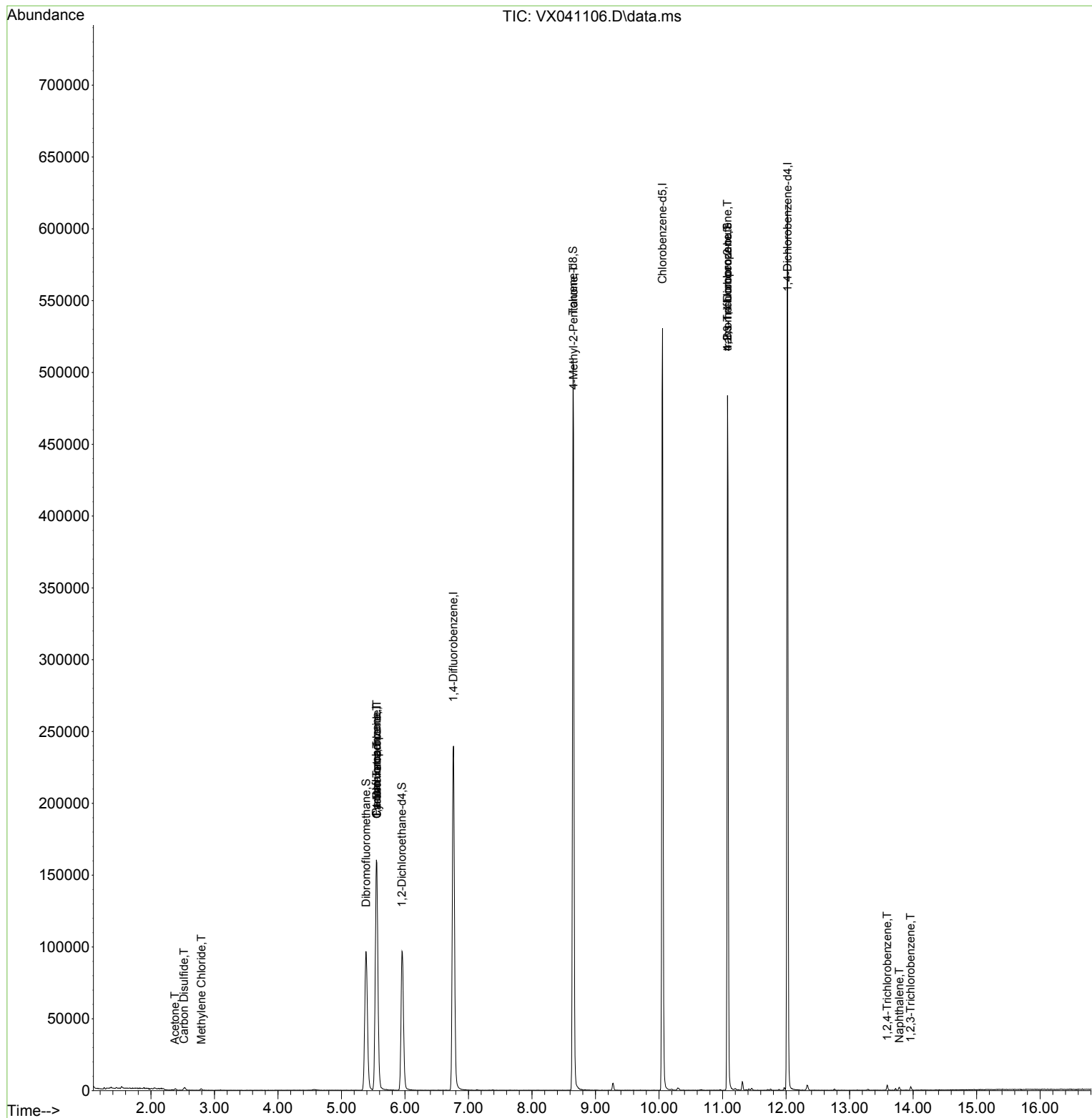
Internal Standards						
1) Pentafluorobenzene	5.550	168	173755	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	262801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96828	51.616	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.240%	
35) Dibromofluoromethane	5.385	113	84881	48.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.700%	
50) Toluene-d8	8.647	98	307964	50.082	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	11.079	95	118851	50.915	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.820%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1130	1.433	ug/l	# 79
17) Carbon Disulfide	2.520	76	928	0.266	ug/l	# 76
20) Methylene Chloride	2.794	84	585	0.348	ug/l	# 80
31) Cyclohexane	5.556	56	2907	1.251	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	10616	4.776	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	15379	5.967	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.653	43	1301	0.486	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	59455	24.964	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	59455	63.804	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1280	0.359	ug/l	96
95) Naphthalene	13.786	128	2162	0.225	ug/l	# 94
96) 1,2,3-Trichlorobenzene	13.963	180	916	0.259	ug/l	95

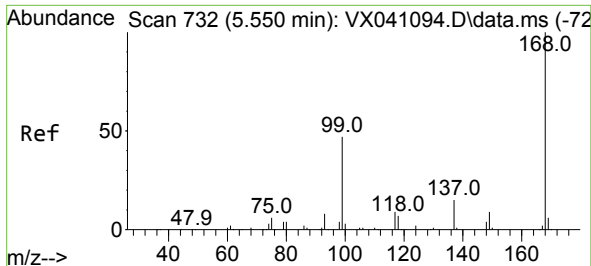
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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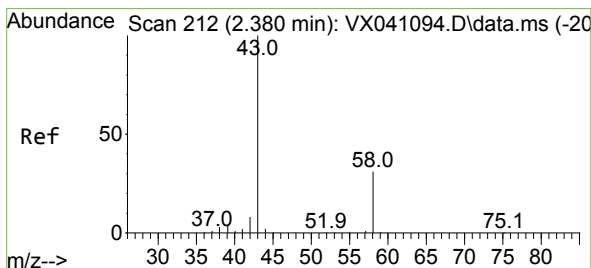
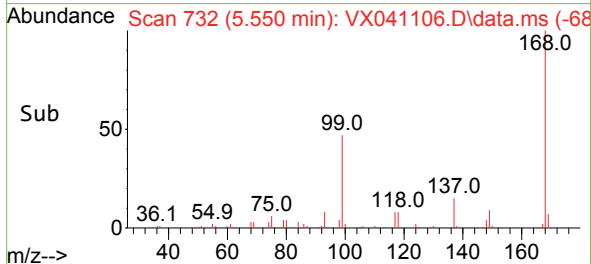
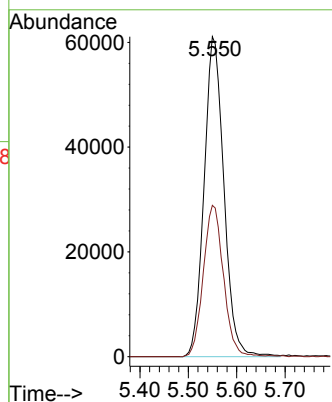
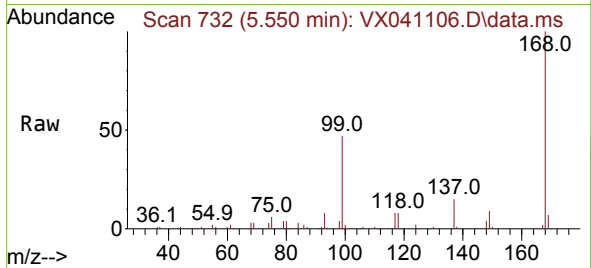




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

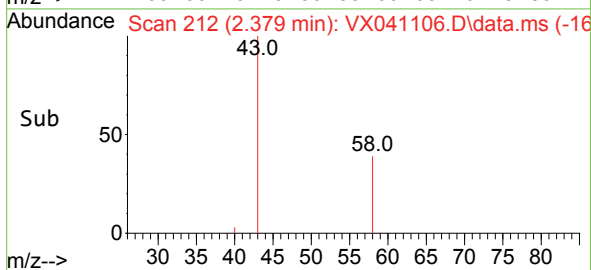
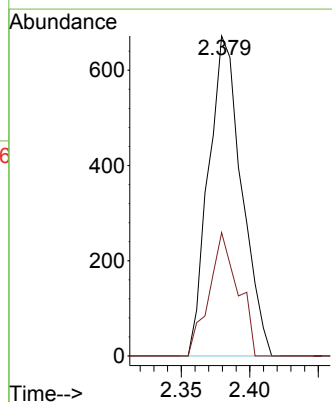
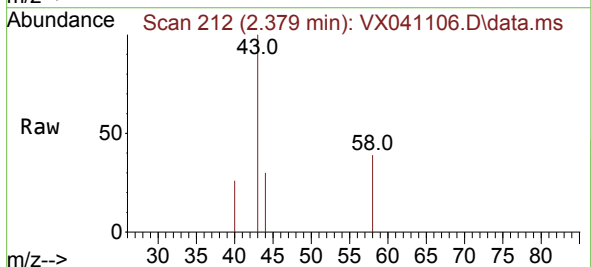
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

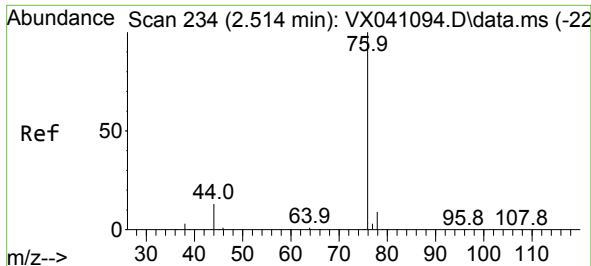
Tgt Ion:168 Resp: 173755
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0#



#16
Acetone
Concen: 1.433 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 38.5 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.266 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX041106.D

Acq: 16 Apr 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

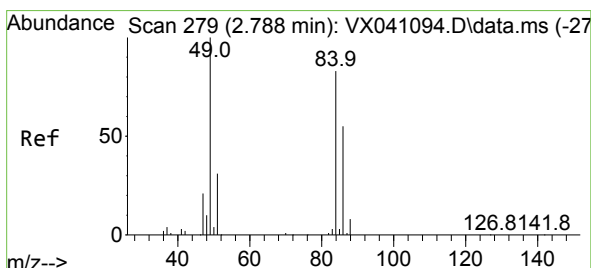
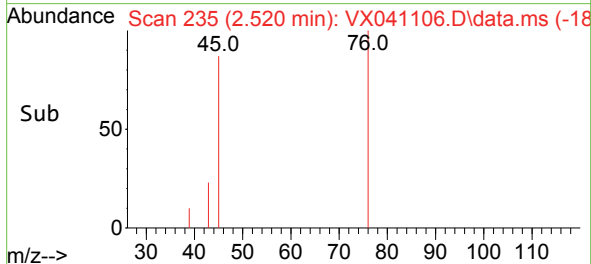
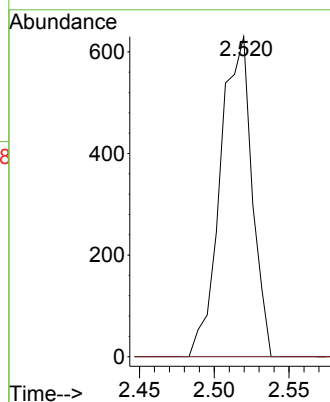
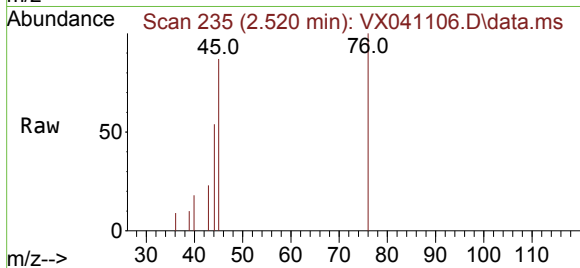
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 76 Resp: 928

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.348 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX041106.D

Acq: 16 Apr 2024 15:43

Tgt Ion: 84 Resp: 585

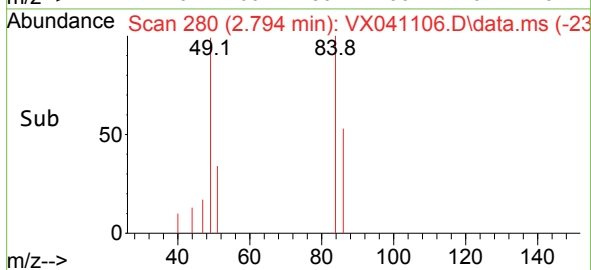
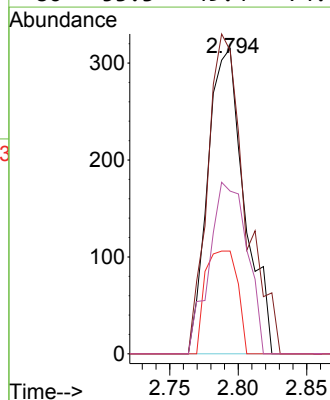
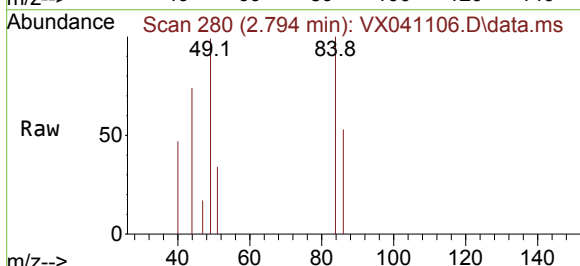
Ion Ratio Lower Upper

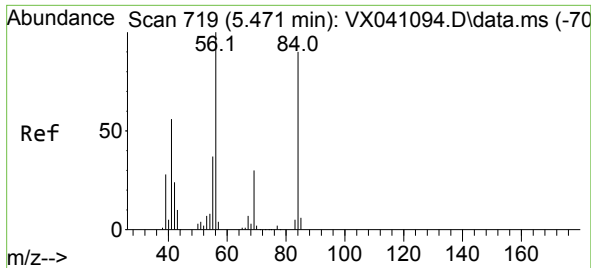
84 100

49 99.4 103.6 155.4#

51 33.7 33.8 50.6#

86 53.3 49.4 74.0

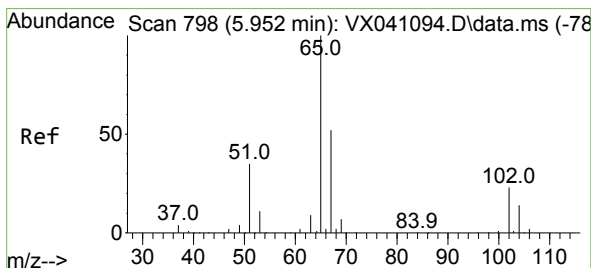
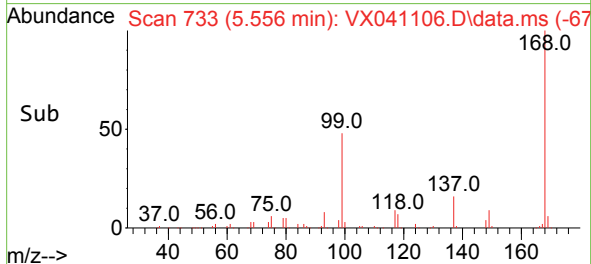
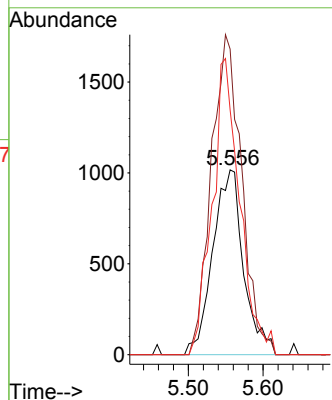
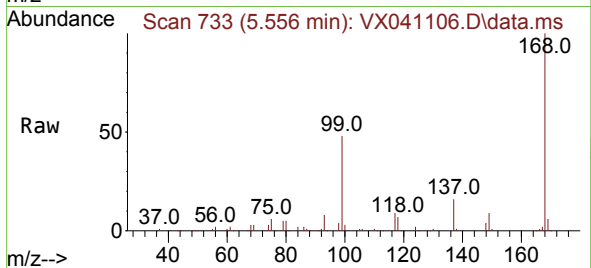




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

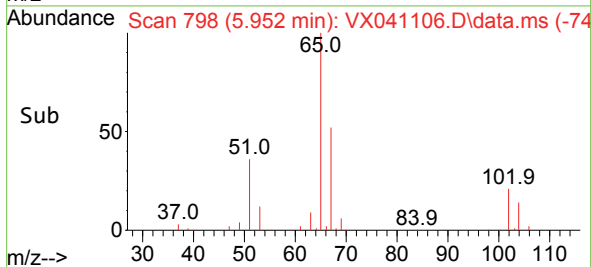
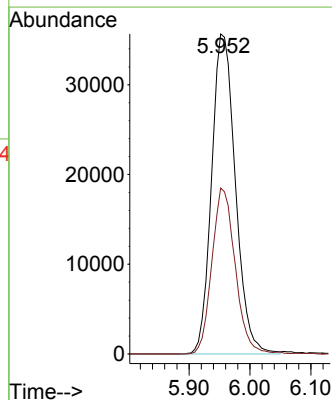
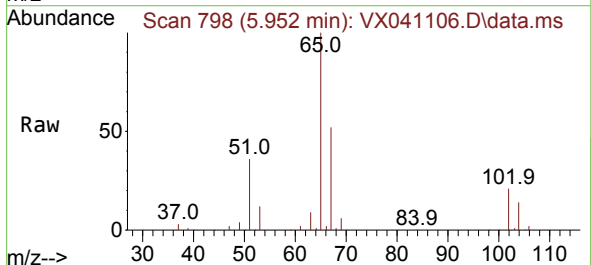
Instrument :
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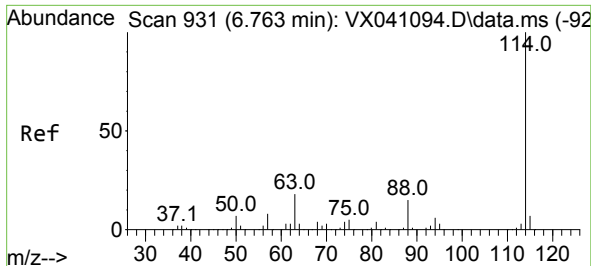
Tgt Ion: 56 Resp: 2907
Ion Ratio Lower Upper
56 100
69 165.4 23.4 35.2#
84 132.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.616 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

Tgt Ion: 65 Resp: 96828
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

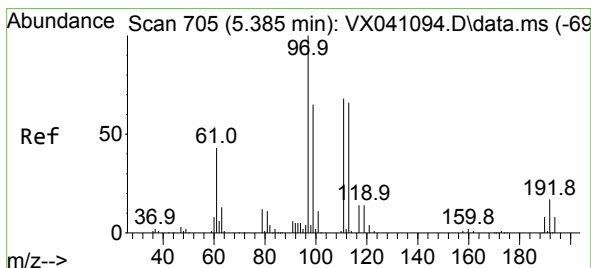
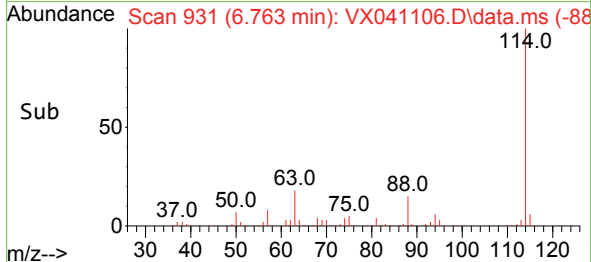
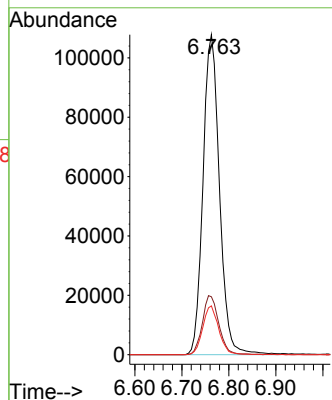
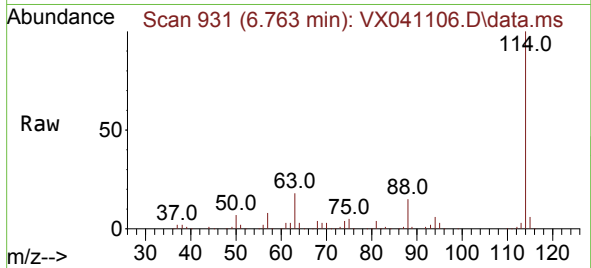




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

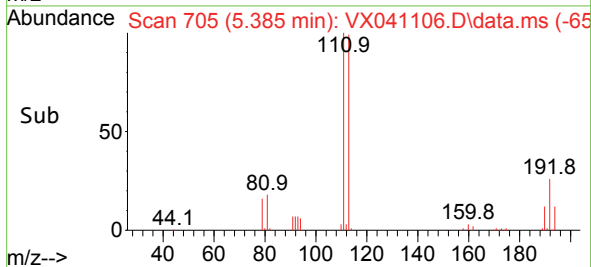
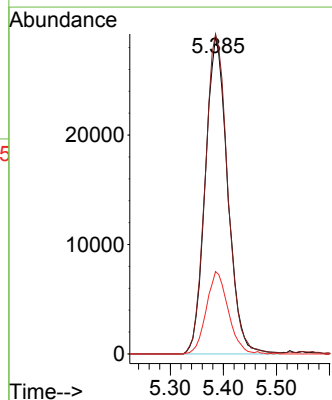
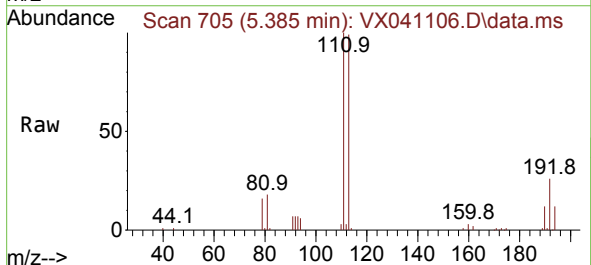
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

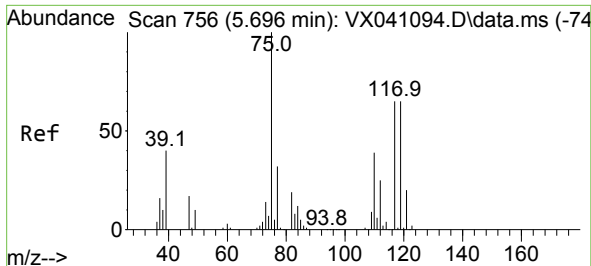
Tgt Ion:114 Resp: 262801
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.350 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

Tgt Ion:113 Resp: 84881
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 25.5 13.3 19.9#

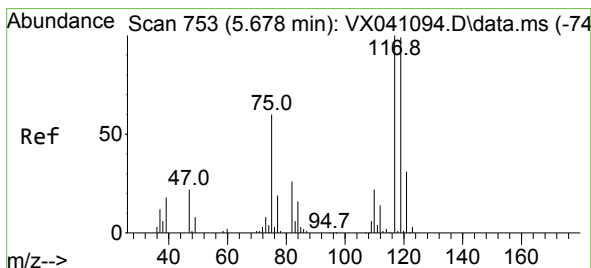
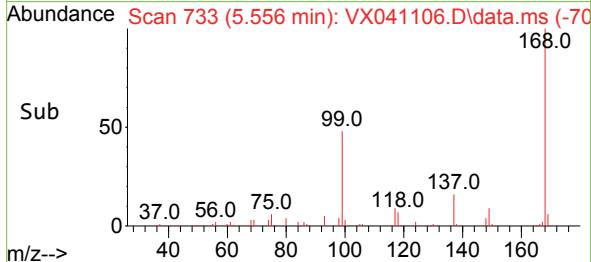
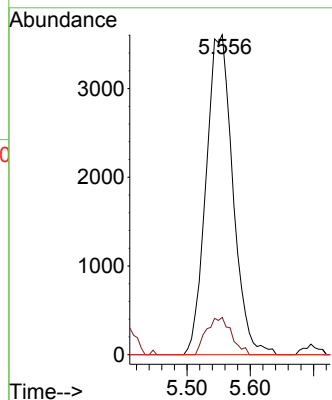
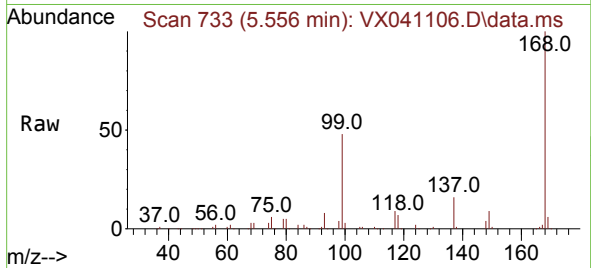




#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

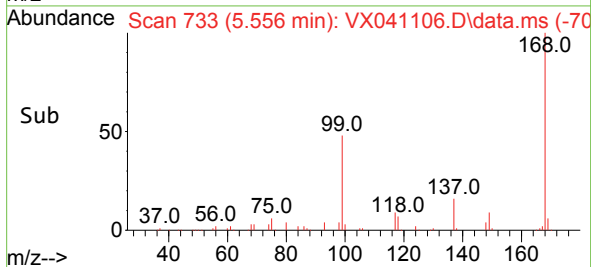
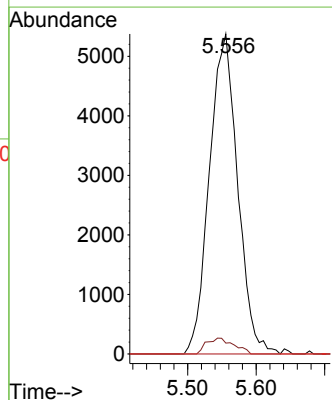
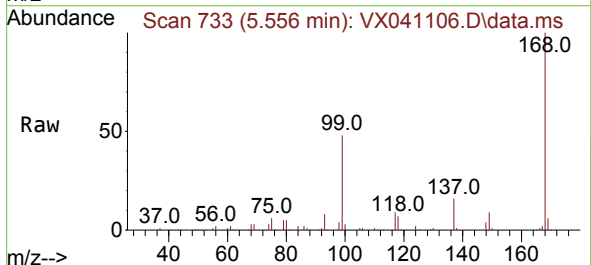
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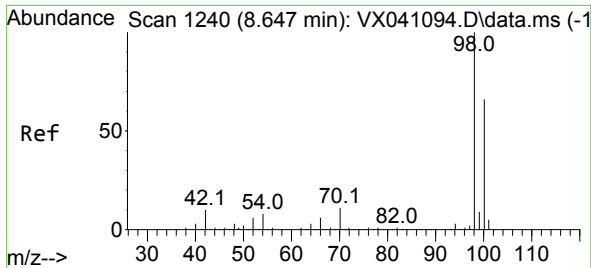
Tgt Ion: 75 Resp: 10616
Ion Ratio Lower Upper
75 100
110 10.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

Tgt Ion: 117 Resp: 15379
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#

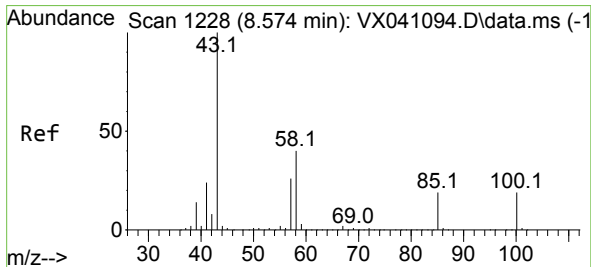
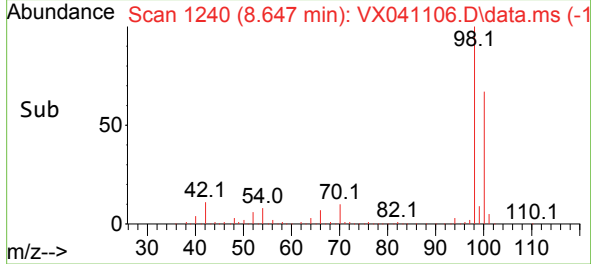
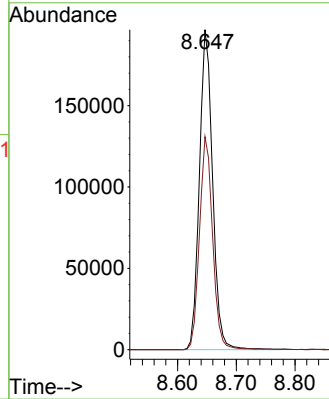
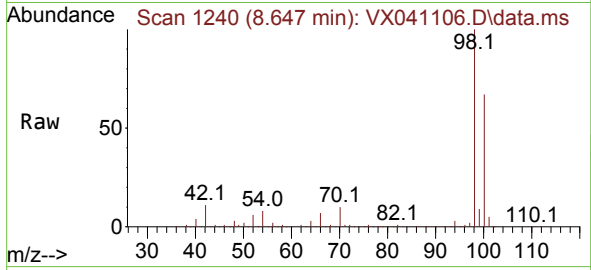




#50
Toluene-d8
Concen: 50.082 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

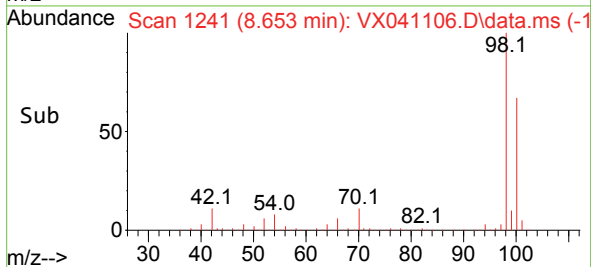
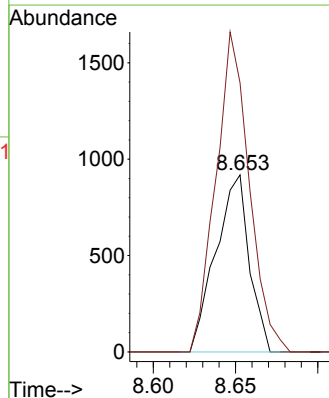
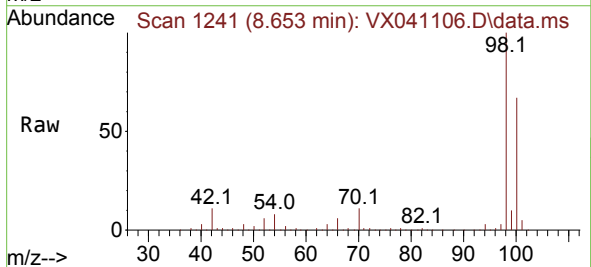
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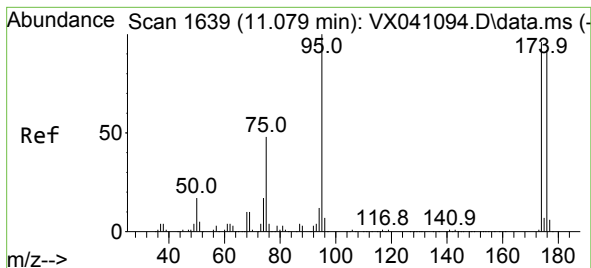
Tgt Ion: 98 Resp: 307964
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
58 180.2 30.4 45.6#

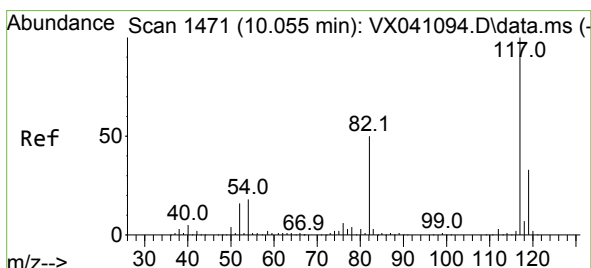
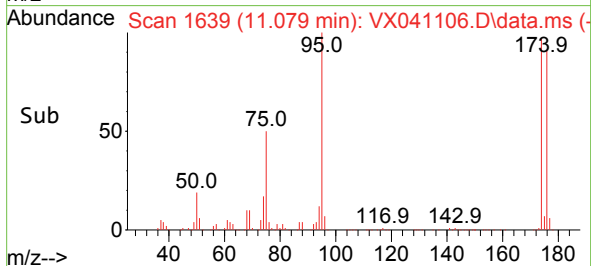
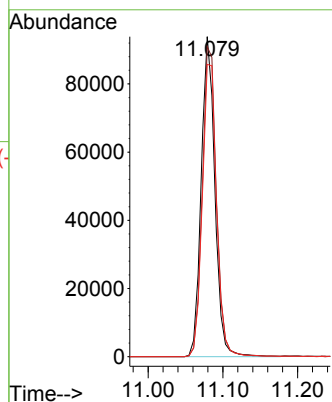
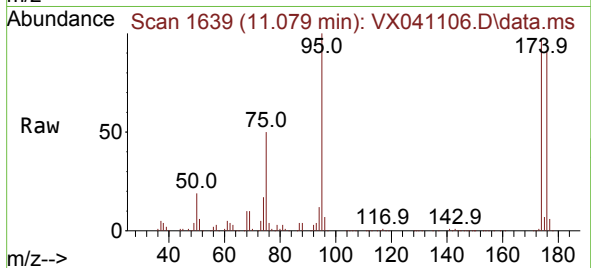




#62
4-Bromofluorobenzene
Concen: 50.915 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

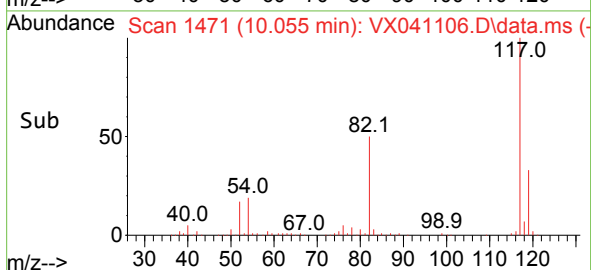
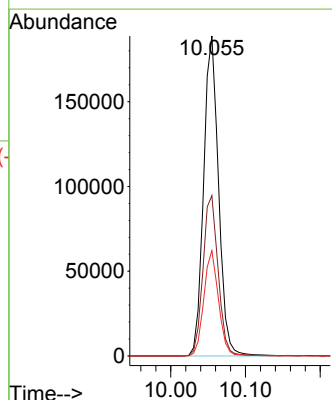
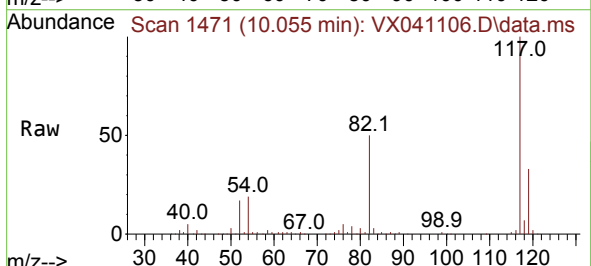
Instrument :
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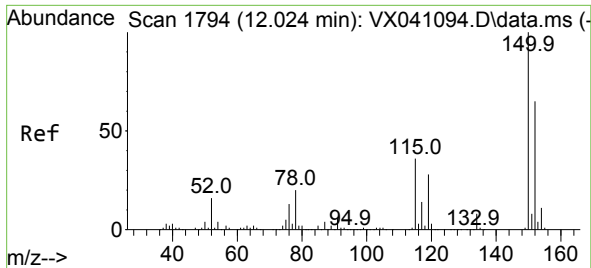
Tgt Ion: 95 Resp: 118851
Ion Ratio Lower Upper
95 100
174 100.5 0.0 135.6
176 96.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

Tgt Ion: 117 Resp: 261800
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.9 25.5 38.3

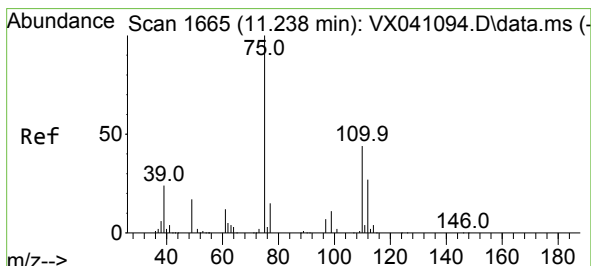
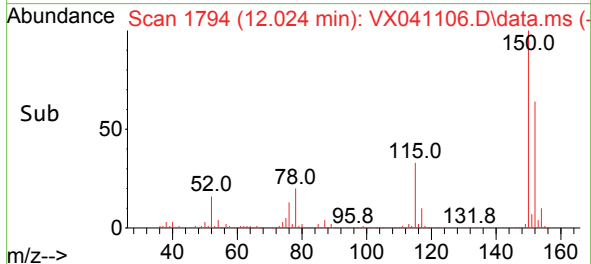
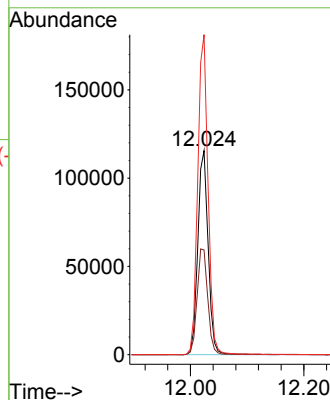
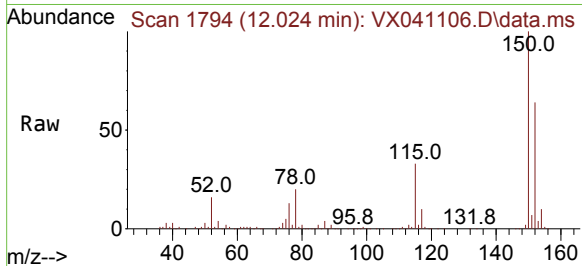




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041106.D
 Acq: 16 Apr 2024 15:43

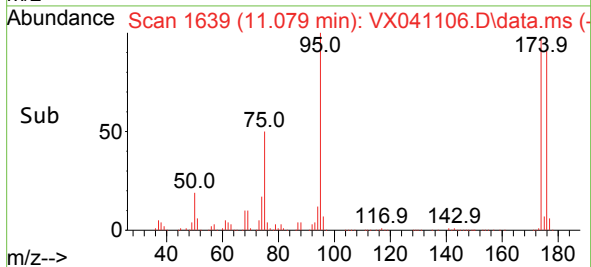
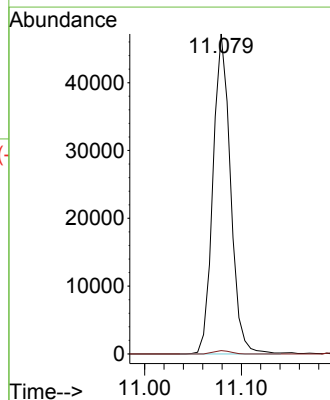
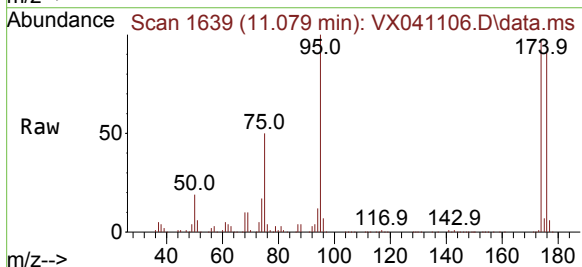
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

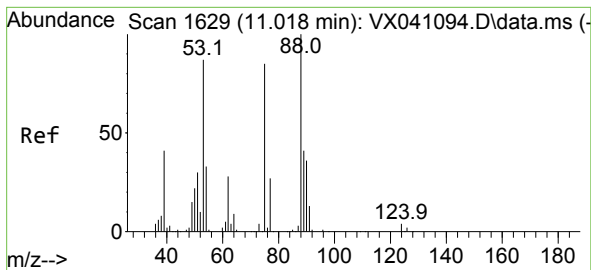
Tgt Ion:152 Resp: 146143
 Ion Ratio Lower Upper
 152 100
 115 53.7 43.3 129.9
 150 156.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.964 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041106.D
 Acq: 16 Apr 2024 15:43

Tgt Ion: 75 Resp: 59455
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

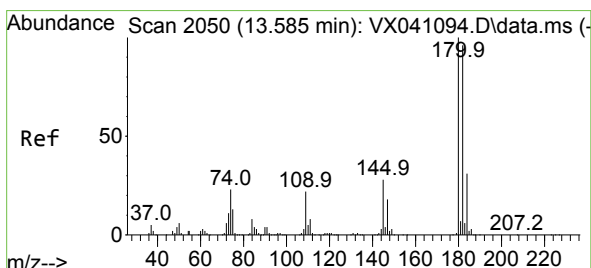
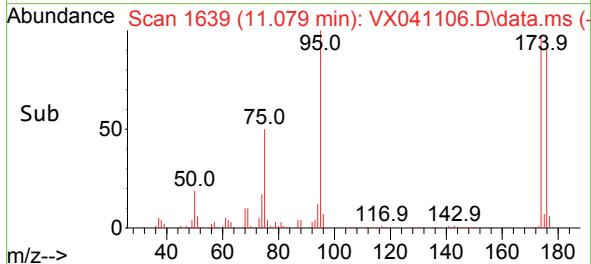
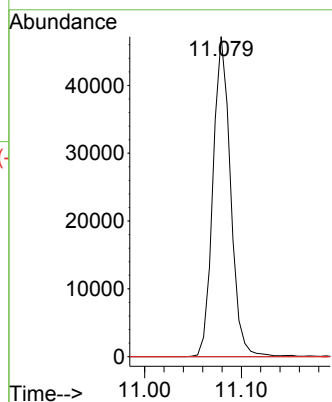
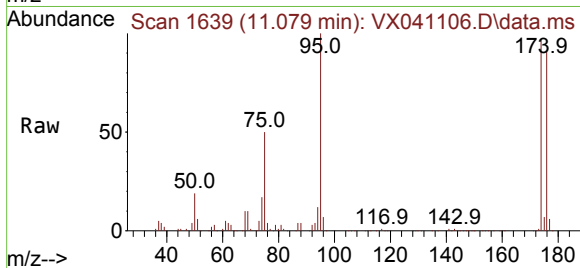




#81
trans-1,4-Dichloro-2-butene
Concen: 63.804 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

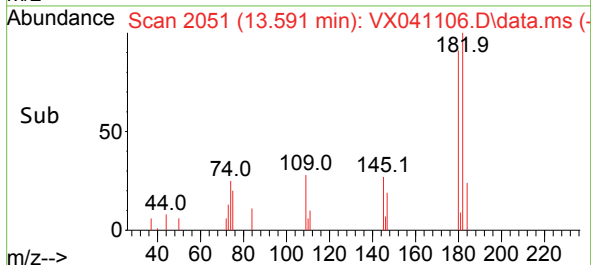
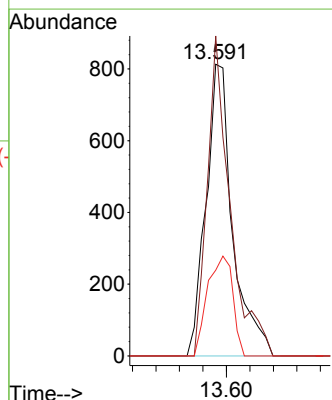
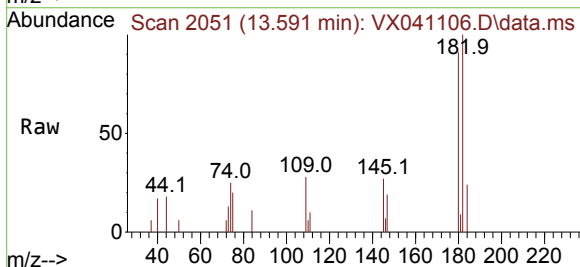
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

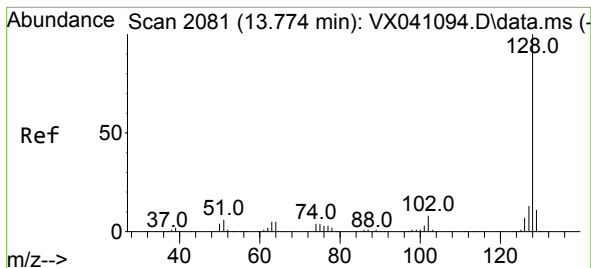
Tgt Ion: 75 Resp: 59455
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.359 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041106.D
Acq: 16 Apr 2024 15:43

Tgt Ion: 180 Resp: 1280
Ion Ratio Lower Upper
180 100
182 93.9 48.3 144.8
145 32.3 18.0 54.0





#95

Naphthalene

Concen: 0.225 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

Lab File: VX041106.D

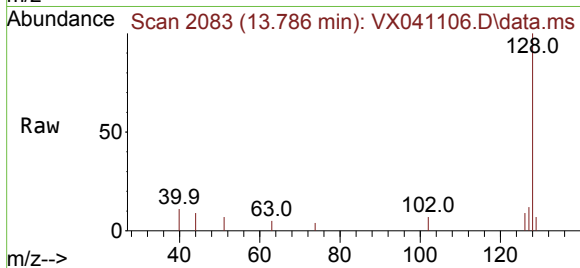
Acq: 16 Apr 2024 15:43

Instrument :

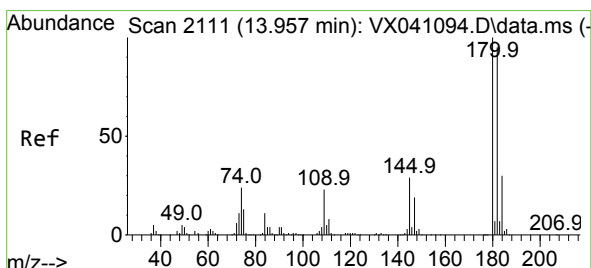
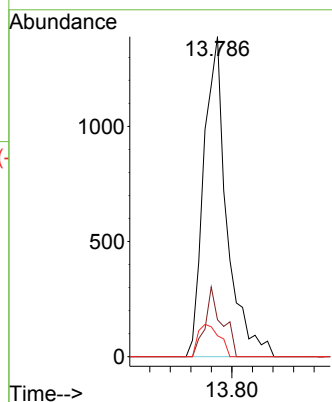
MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:	128	Resp:	2162
Ion Ratio	Lower	Upper	
128	100		
127	16.0	10.3	15.5#
129	9.3	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.259 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041106.D

Acq: 16 Apr 2024 15:43

Tgt Ion:	180	Resp:	916
Ion Ratio	Lower	Upper	
180	100		
182	90.3	46.9	140.6
145	30.2	17.8	53.5

