

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042138.D
 Acq On : 02 Jul 2024 14:34
 Operator : JC/MD
 Sample : P3123-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Jul 03 03:34:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

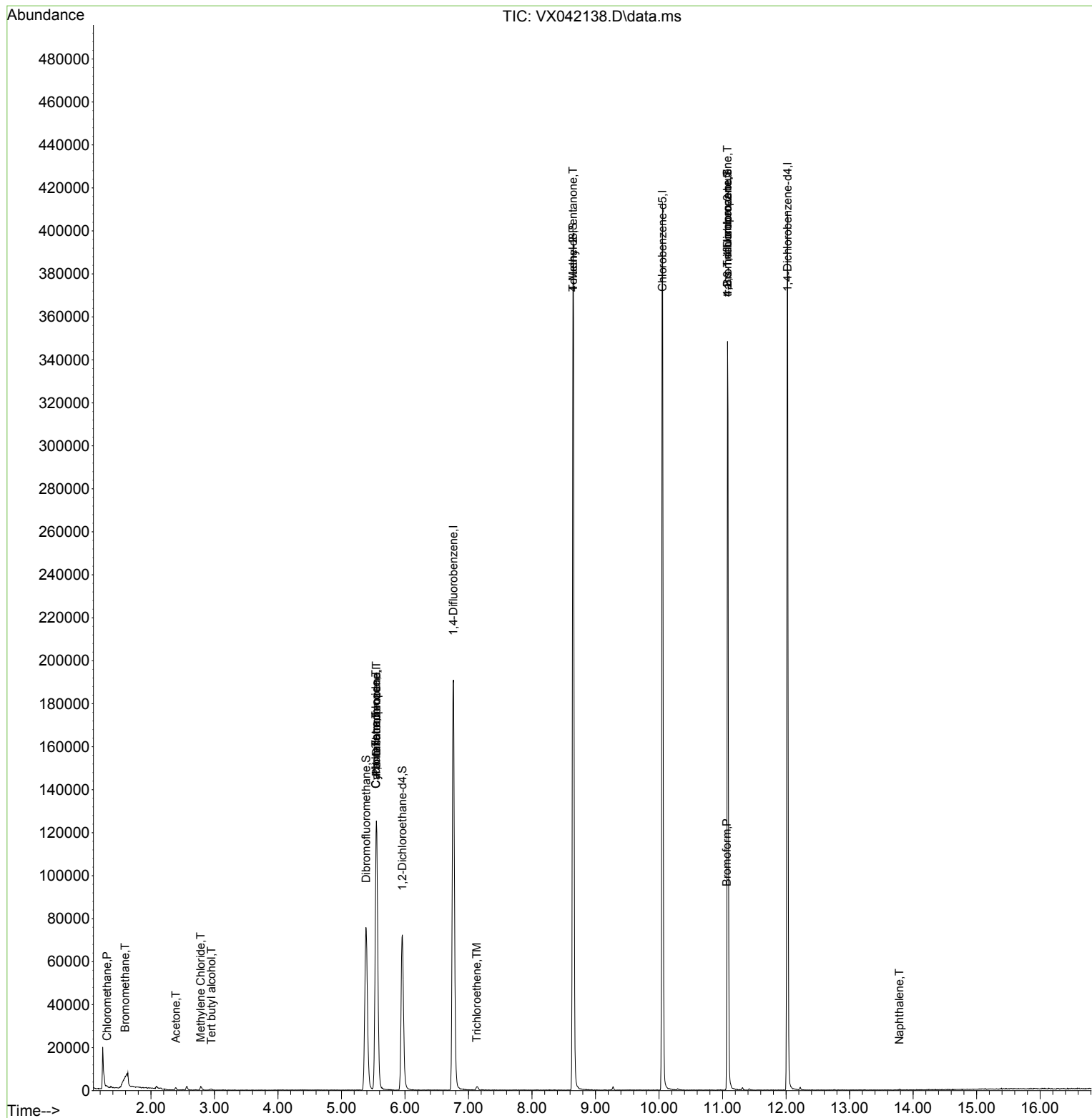
Internal Standards						
1) Pentafluorobenzene	5.550	168	140548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	218160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69538	42.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.820%
35) Dibromofluoromethane	5.385	113	68613	44.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.640%
50) Toluene-d8	8.647	98	249794	45.934	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.860%#
62) 4-Bromofluorobenzene	11.079	95	93314	46.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.100%
Target Compounds						
						Qvalue
3) Chloromethane	1.307	50	735	0.547	ug/l	# 80
5) Bromomethane	1.593	94	337	0.507	ug/l	# 43
6) Chloroethane	1.648	64	139	Below Cal	#	59
11) Tert butyl alcohol	2.953	59	401	1.304	ug/l	# 78
16) Acetone	2.392	43	1210	1.700	ug/l	100
20) Methylene Chloride	2.782	84	887	0.569	ug/l	# 81
31) Cyclohexane	5.544	56	1851	0.977	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7837	4.768	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	11673	6.427	ug/l	# 15
44) Trichloroethene	7.129	130	903	0.608	ug/l	63
51) 4-Methyl-2-Pentanone	8.647	43	862	0.381	ug/l	# 1
71) Bromoform	11.067	173	51	0.910	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	42483	23.160	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42483	65.773	ug/l	# 5
95) Naphthalene	13.786	128	285	0.787	ug/l	# 69

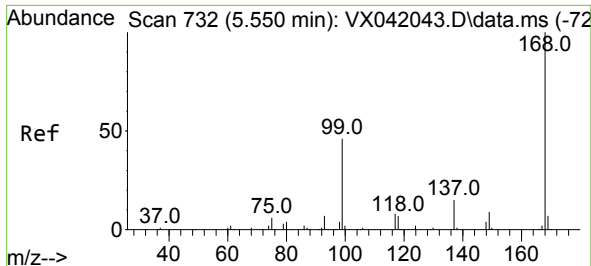
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 03 03:34:12 2024
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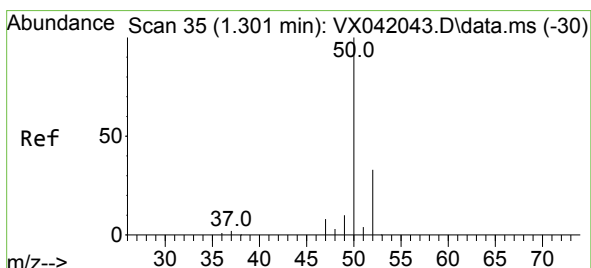
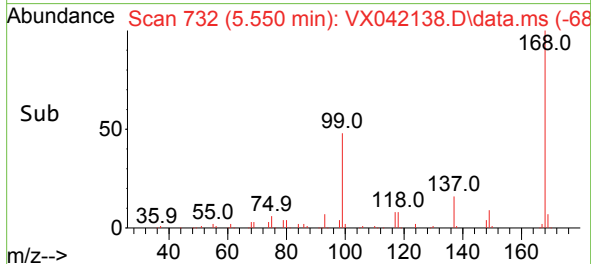
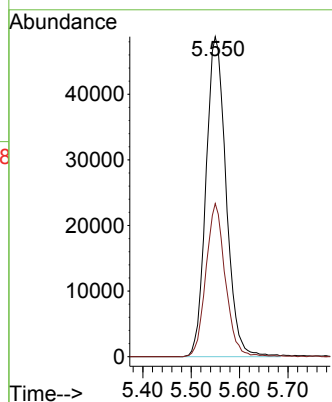
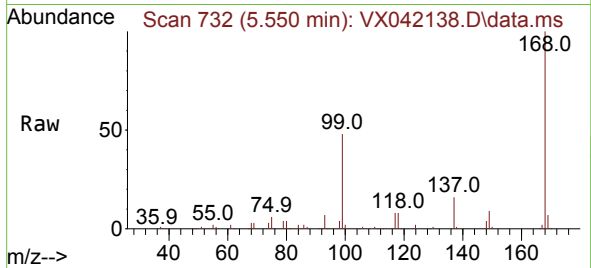




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

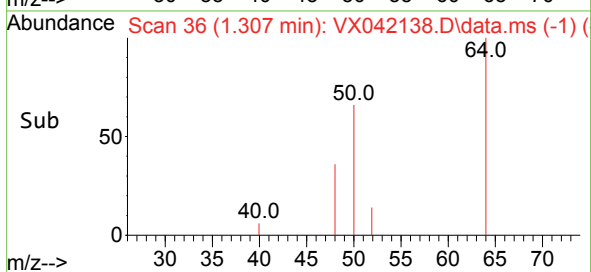
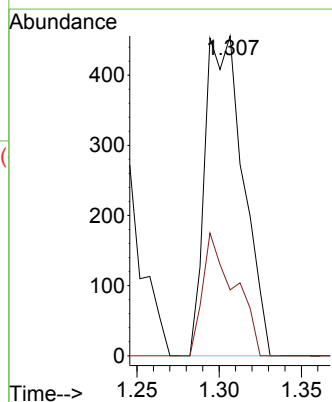
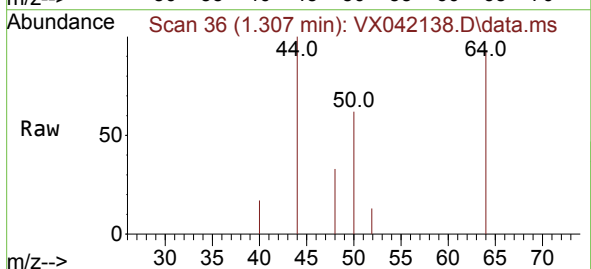
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

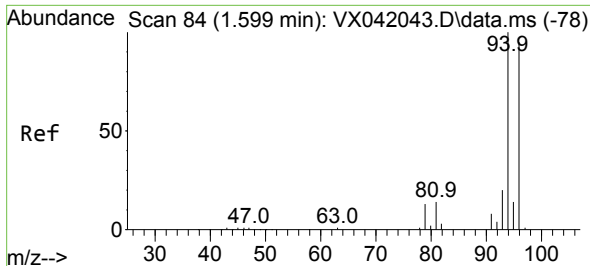
Tgt Ion:168 Resp: 140548
Ion Ratio Lower Upper
168 100
99 47.8 56.6 85.0#



#3
Chloromethane
Concen: 0.547 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

Tgt Ion: 50 Resp: 735
Ion Ratio Lower Upper
50 100
52 20.6 25.5 38.3#

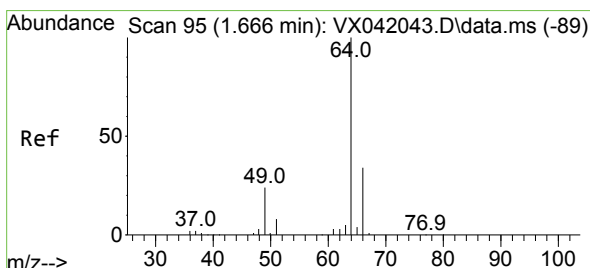
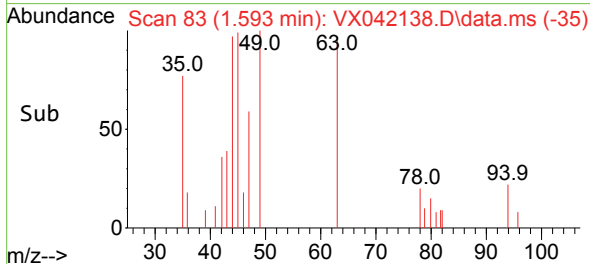
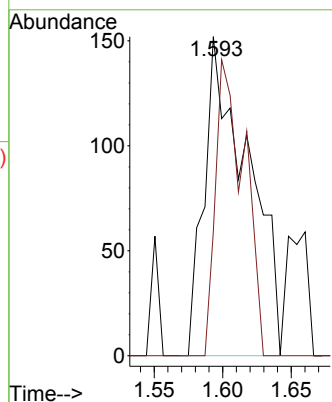
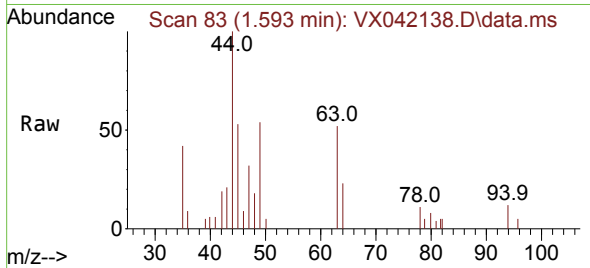




#5
Bromomethane
Concen: 0.507 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

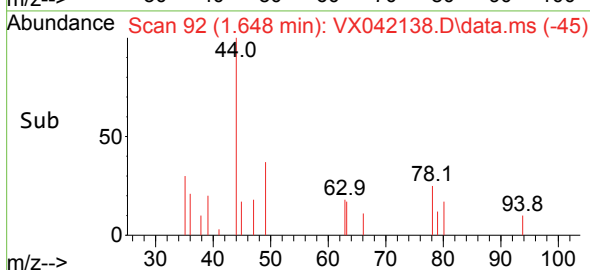
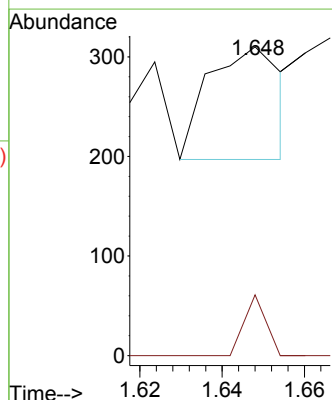
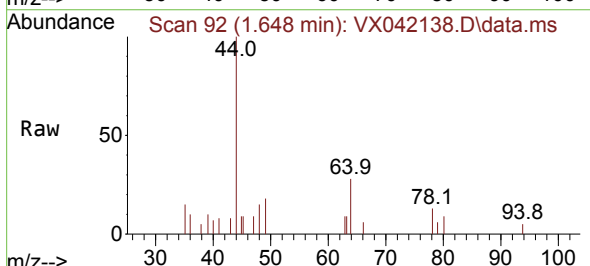
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

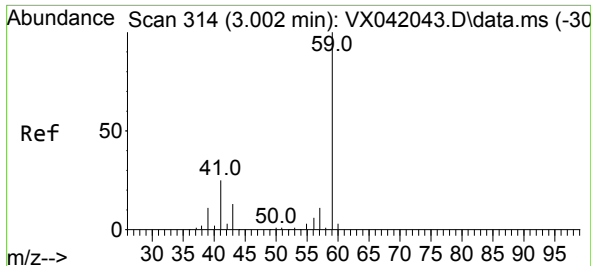
Tgt Ion: 94 Resp: 337
Ion Ratio Lower Upper
94 100
96 38.8 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 92
Delta R.T. -0.012 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

Tgt Ion: 64 Resp: 139
Ion Ratio Lower Upper
64 100
66 54.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.304 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.055 min

Lab File: VX042138.D

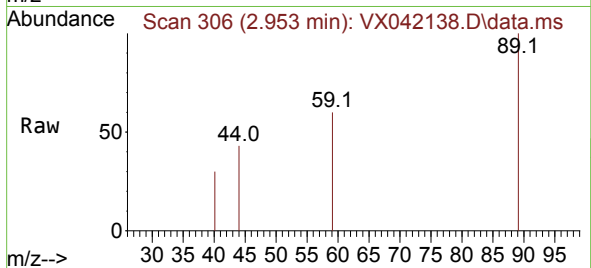
Acq: 02 Jul 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6

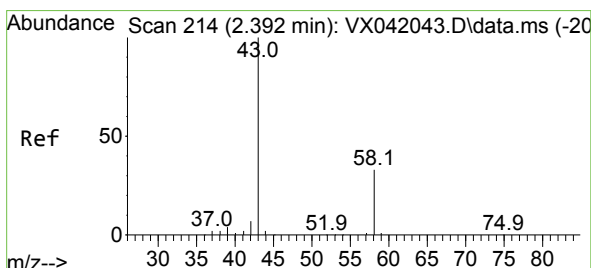
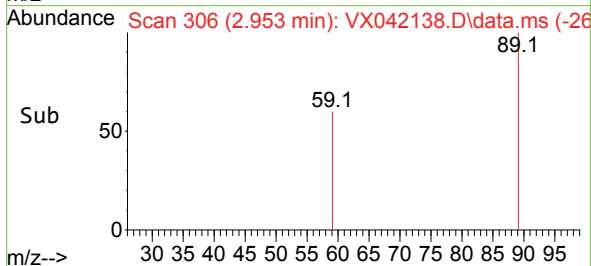
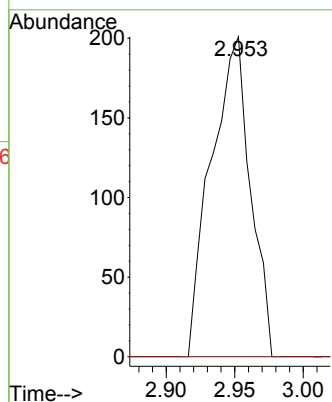


Tgt Ion: 59 Resp: 401

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.700 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042138.D

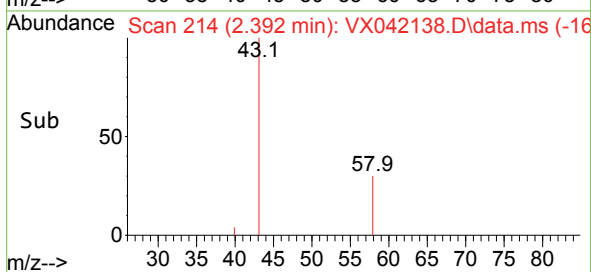
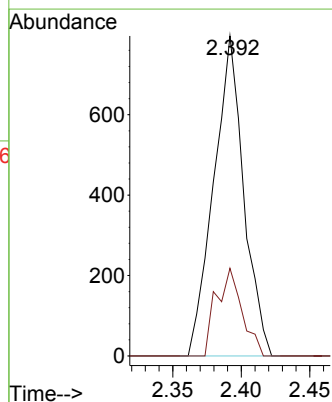
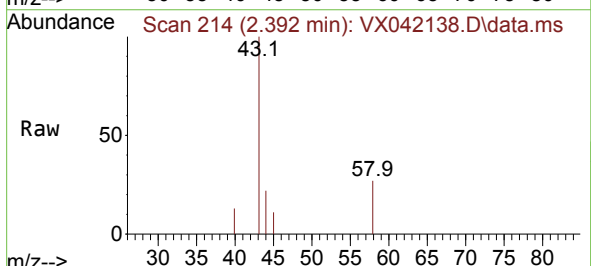
Acq: 02 Jul 2024 14:34

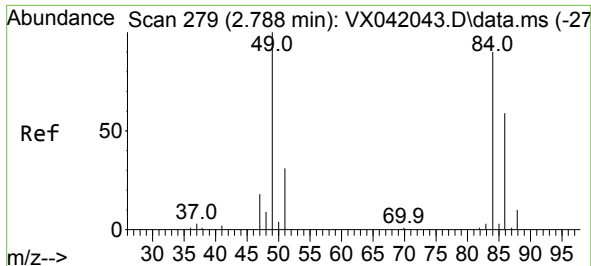
Tgt Ion: 43 Resp: 1210

Ion Ratio Lower Upper

43 100

58 27.4 21.9 32.9





#20

Methylene Chloride

Concen: 0.569 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042138.D

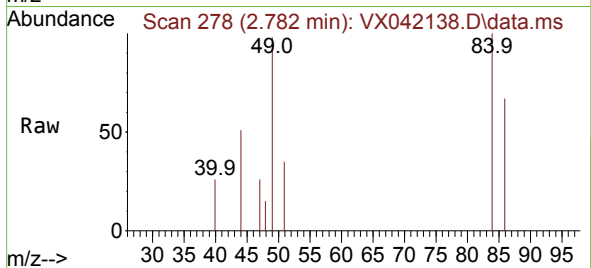
Acq: 02 Jul 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-SOIL-REF-6



Tgt Ion: 84 Resp: 887

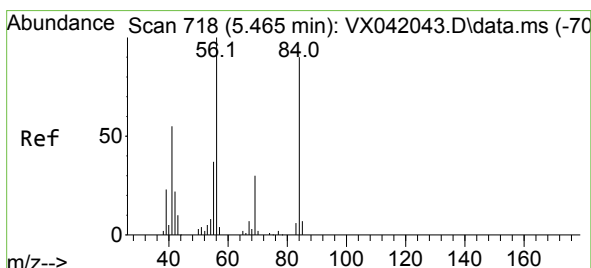
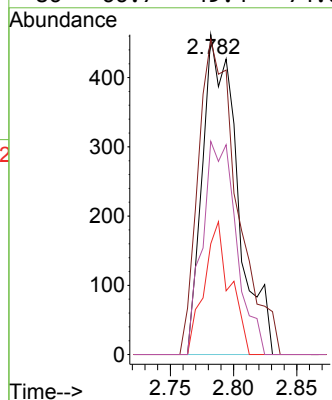
Ion Ratio Lower Upper

84 100

49 98.5 103.6 155.4#

51 34.6 33.8 50.6

86 66.7 49.4 74.0



#31

Cyclohexane

Concen: 0.977 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX042138.D

Acq: 02 Jul 2024 14:34

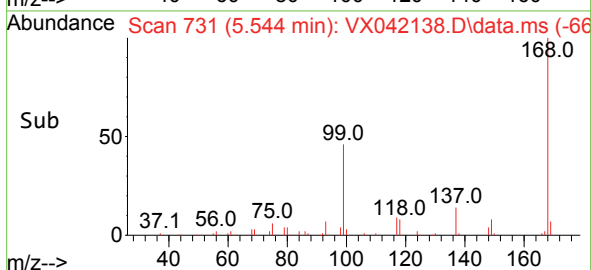
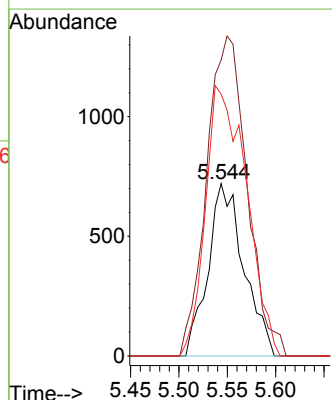
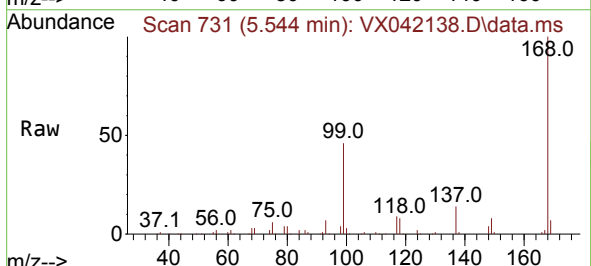
Tgt Ion: 56 Resp: 1851

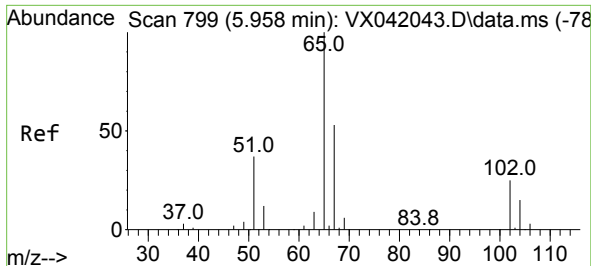
Ion Ratio Lower Upper

56 100

69 171.8 23.4 35.2#

84 151.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.906 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042138.D

Acq: 02 Jul 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

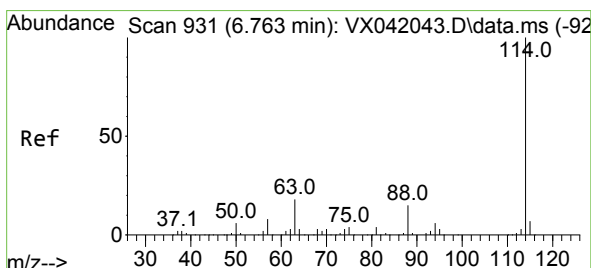
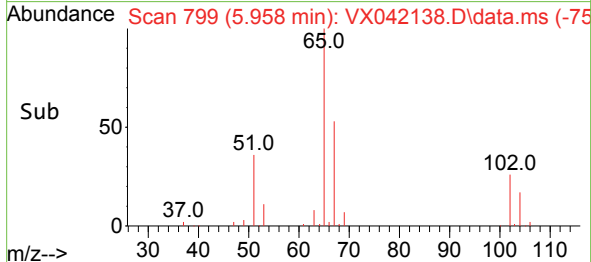
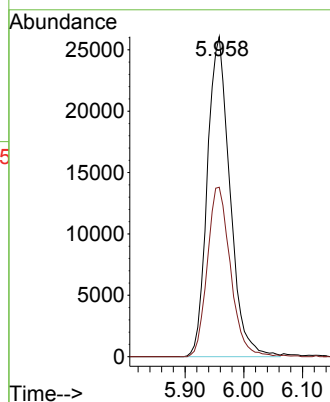
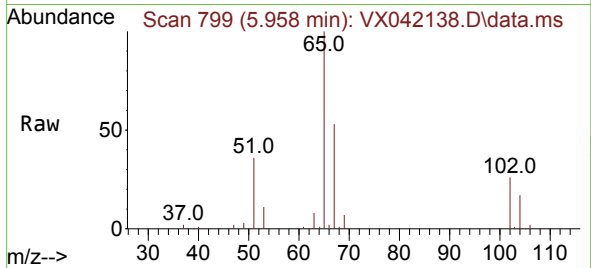
Storage-Blank-SOIL-REF-6

Tgt Ion: 65 Resp: 69538

Ion Ratio Lower Upper

65 100

67 54.4 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: VX042138.D

Acq: 02 Jul 2024 14:34

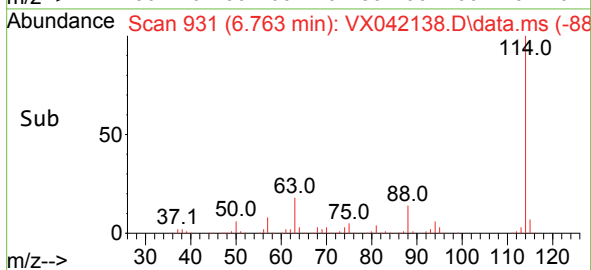
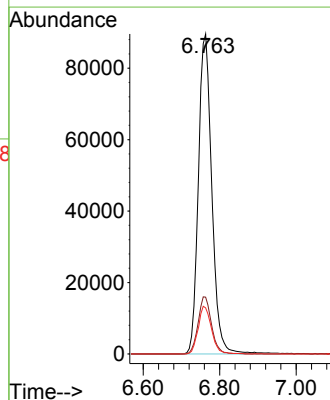
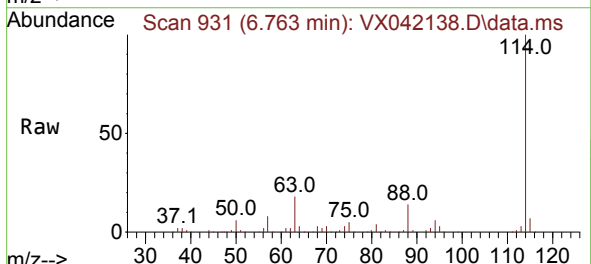
Tgt Ion: 114 Resp: 218160

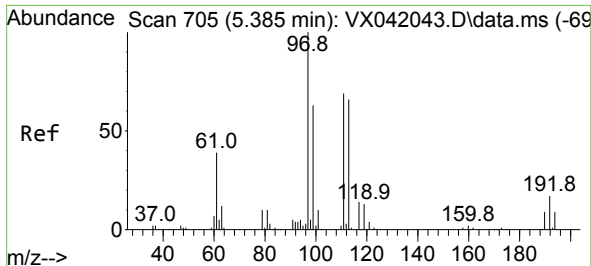
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 14.4 0.0 36.6

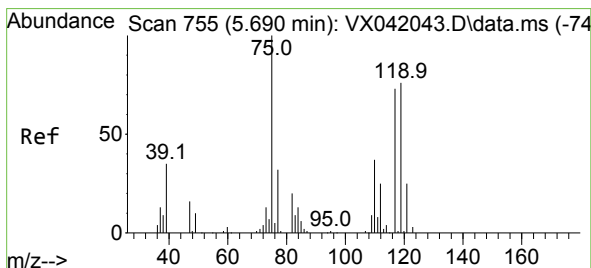
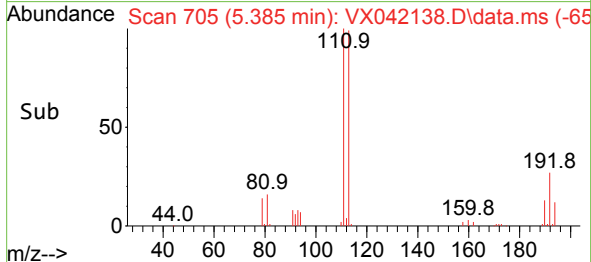
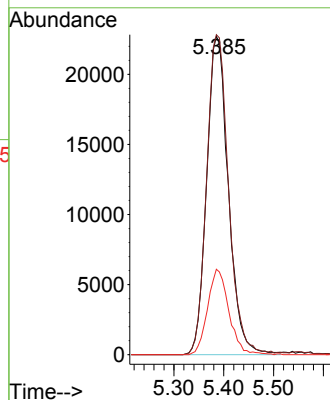
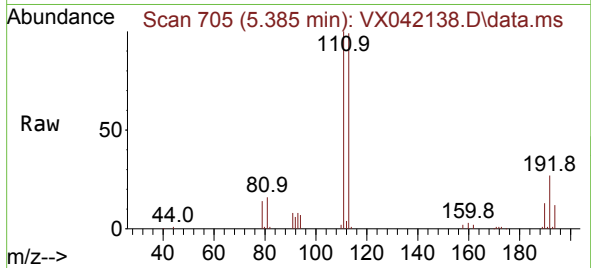




#35
Dibromofluoromethane
Concen: 44.325 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

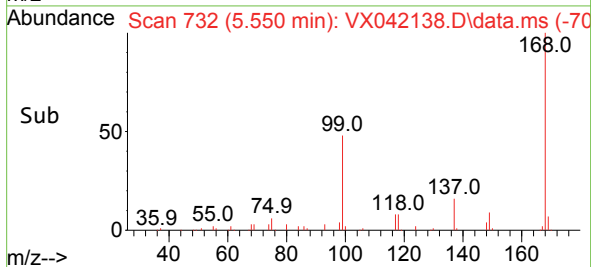
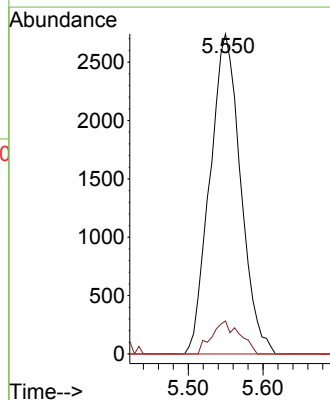
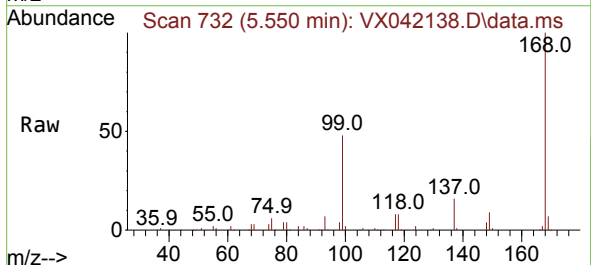
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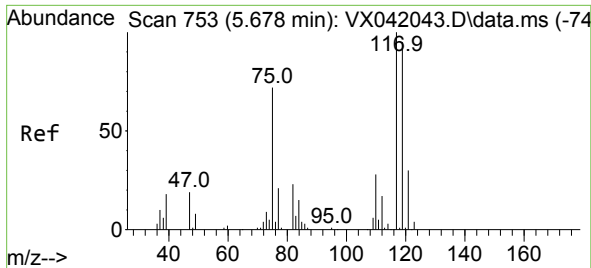
Tgt Ion:113 Resp: 68613
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 26.3 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.768 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

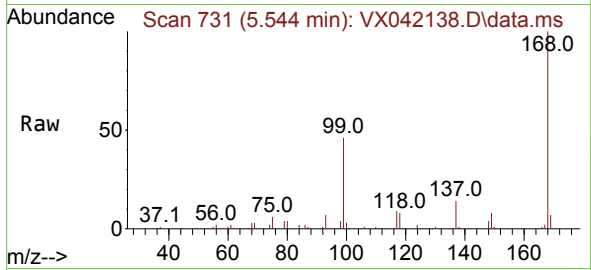
Tgt Ion: 75 Resp: 7837
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



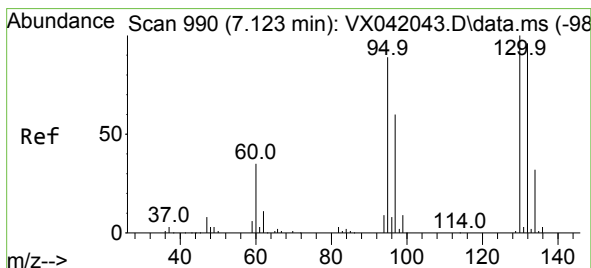
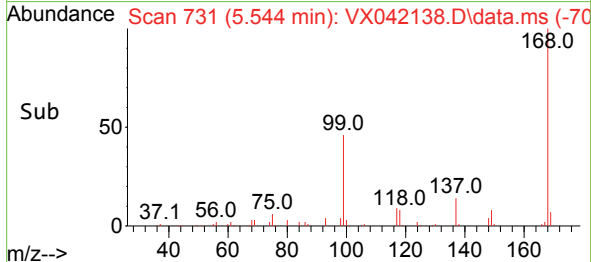
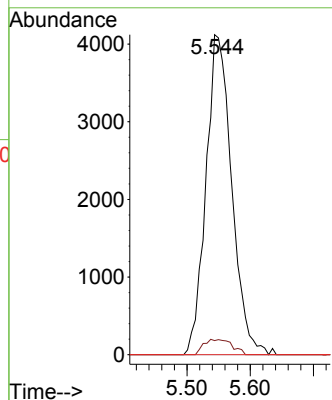


#38
Carbon Tetrachloride
Concen: 6.427 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

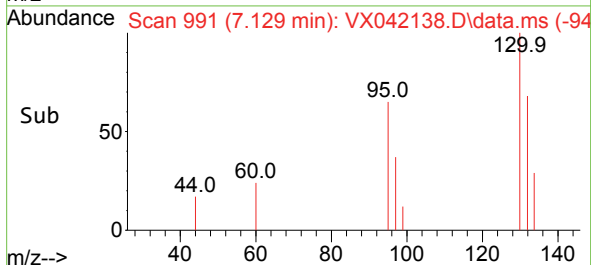
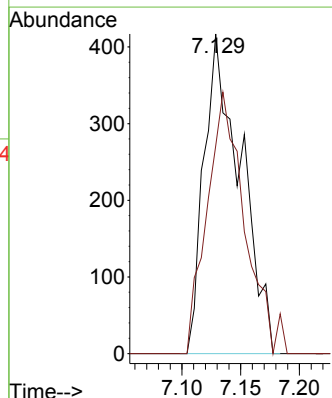
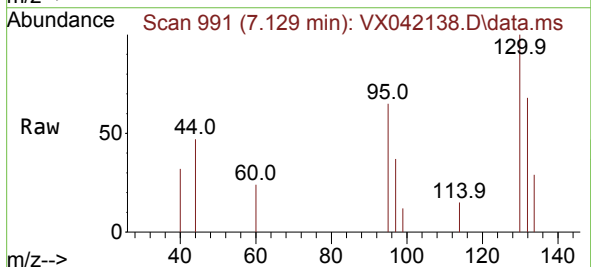


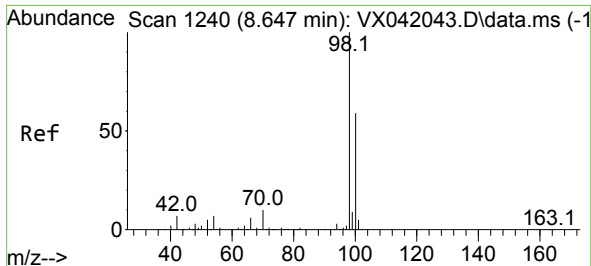
Tgt Ion:117 Resp: 11673
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.608 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

Tgt Ion:130 Resp: 903
Ion Ratio Lower Upper
130 100
95 65.0 0.0 204.4

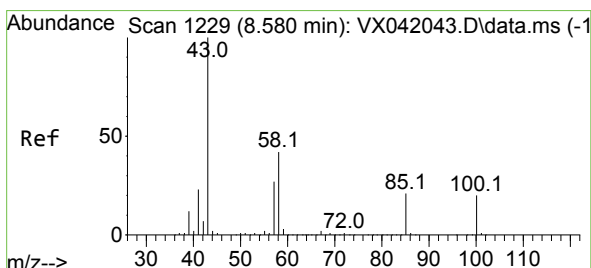
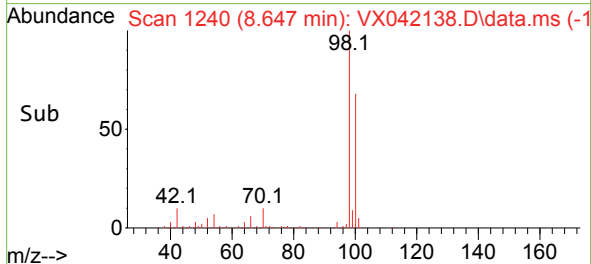
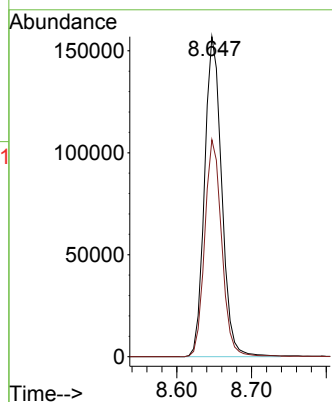
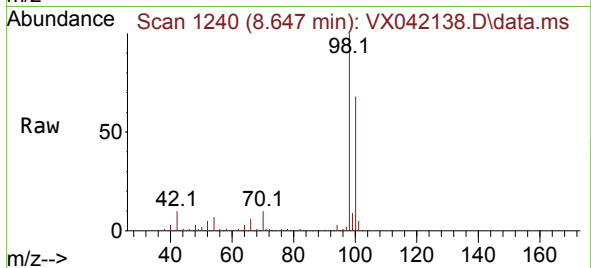




#50
Toluene-d8
Concen: 45.934 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

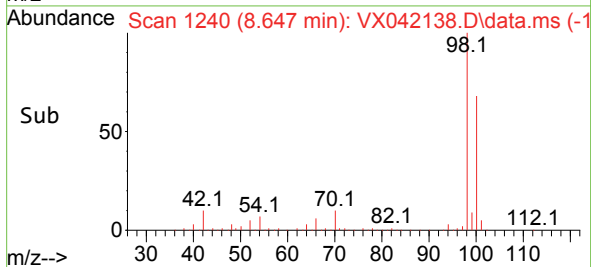
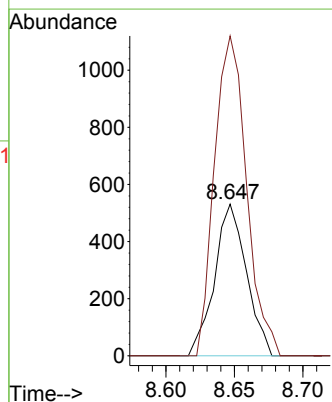
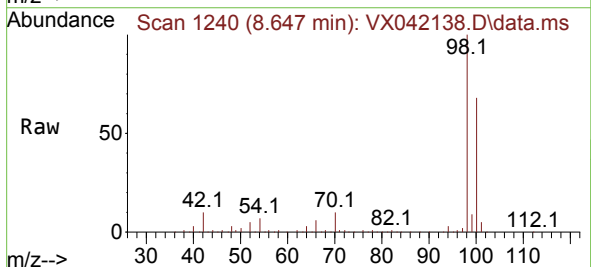
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

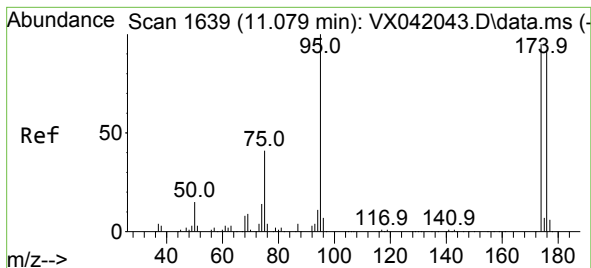
Tgt Ion: 98 Resp: 249794
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.381 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 211.1 30.4 45.6#

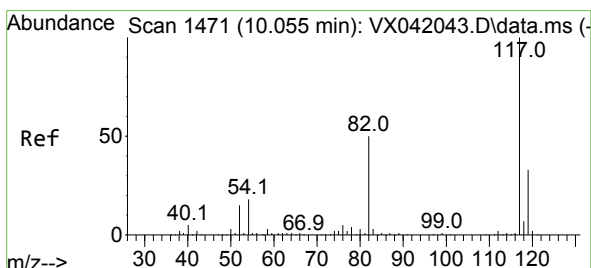
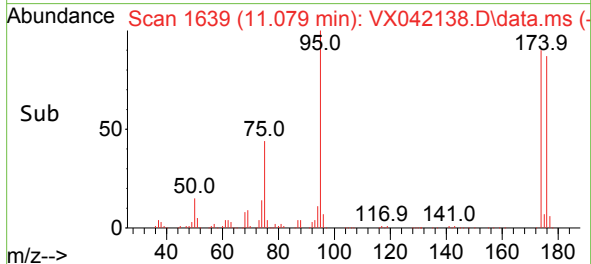
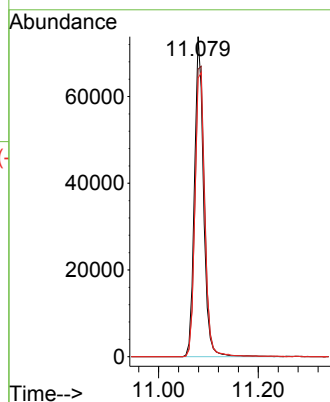
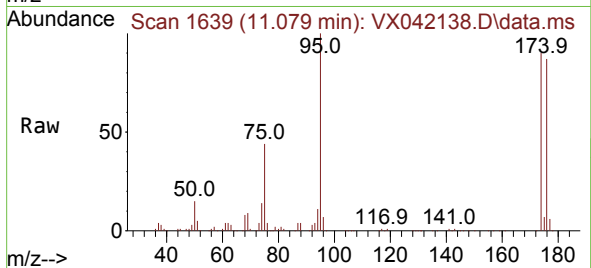




#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

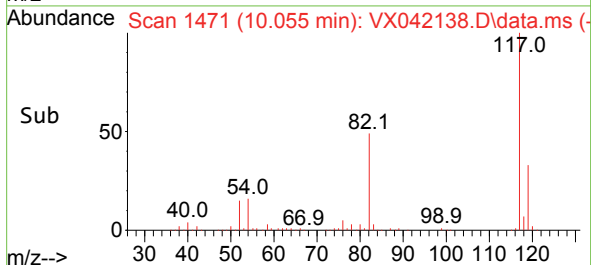
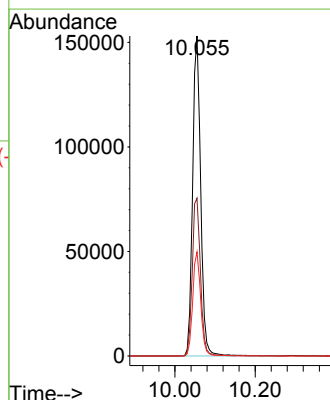
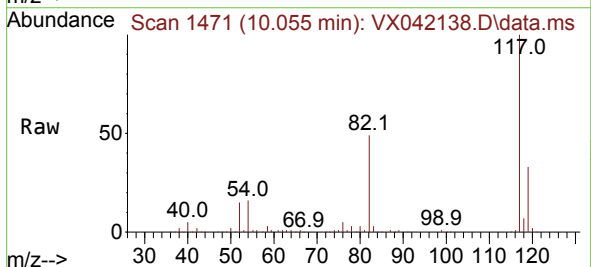
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

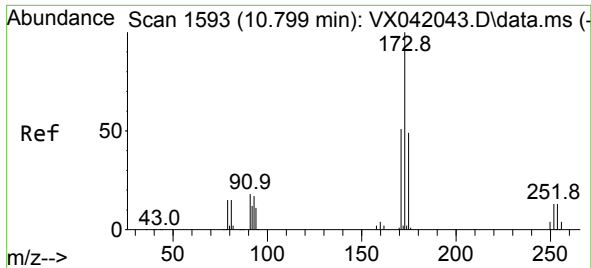
Tgt Ion: 95 Resp: 93314
Ion Ratio Lower Upper
95 100
174 98.2 0.0 135.6
176 95.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

Tgt Ion: 117 Resp: 212975
Ion Ratio Lower Upper
117 100
82 49.3 46.2 69.4
119 32.5 25.5 38.3

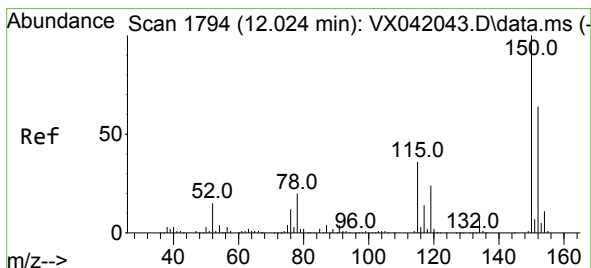
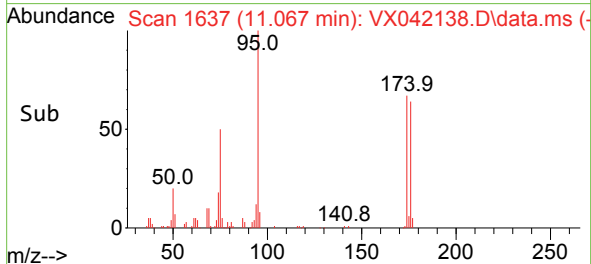
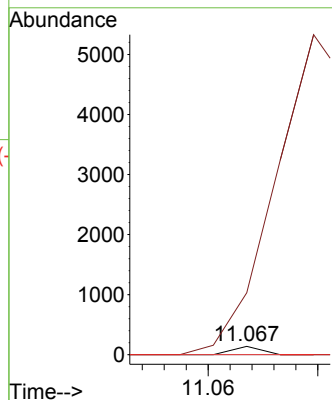
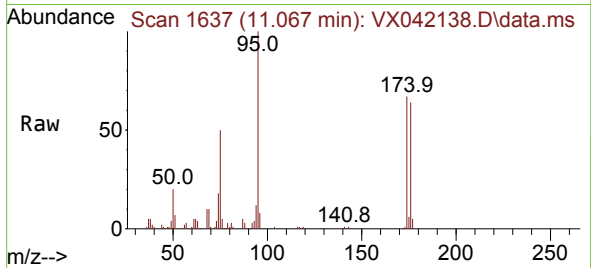




#71
Bromoform
Concen: 0.910 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.268 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

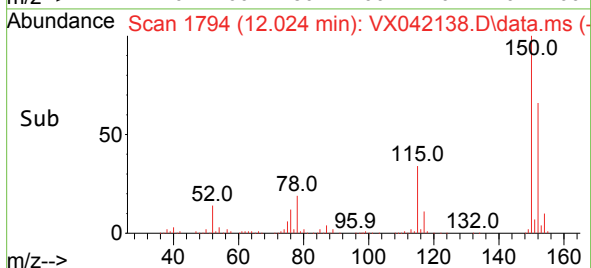
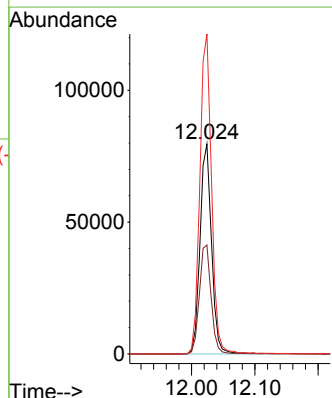
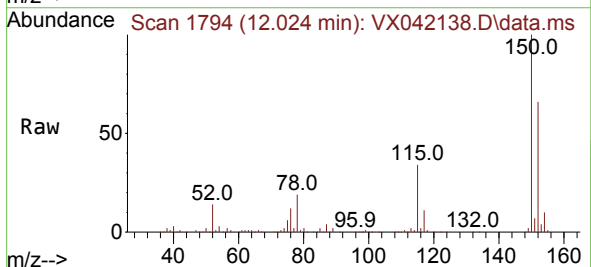
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

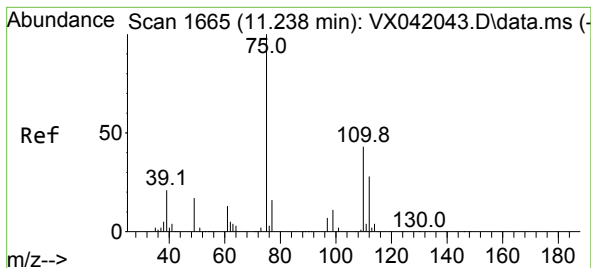
Tgt Ion:173 Resp: 51
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

Tgt Ion:152 Resp: 101041
Ion Ratio Lower Upper
152 100
115 53.1 43.3 129.9
150 155.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.160 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042138.D

Acq: 02 Jul 2024 14:34

Instrument :

MSVOA_X

ClientSampleId :

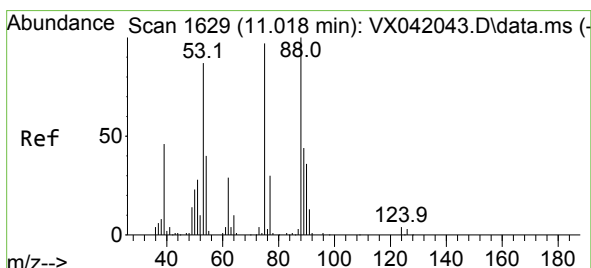
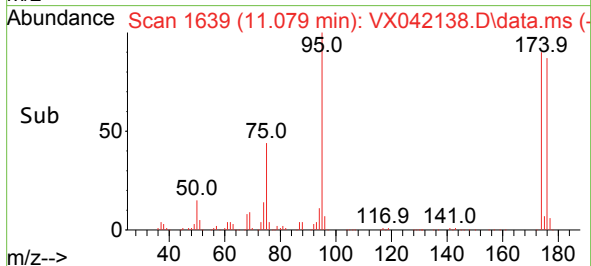
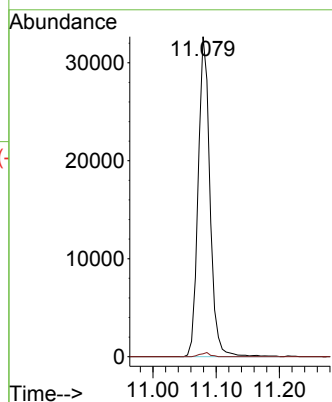
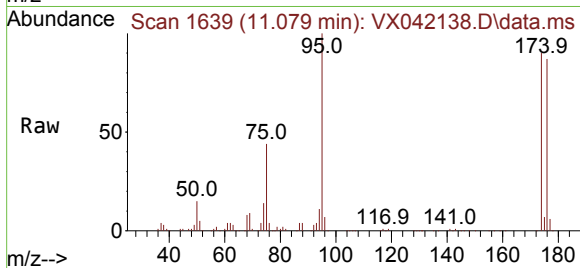
Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 42483

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.773 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042138.D

Acq: 02 Jul 2024 14:34

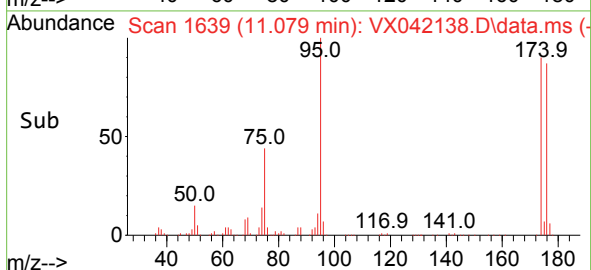
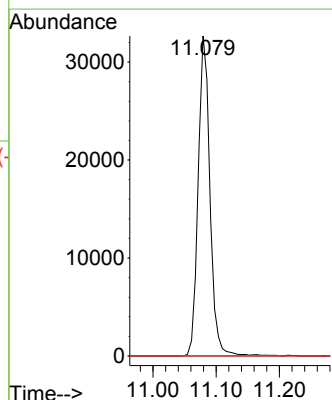
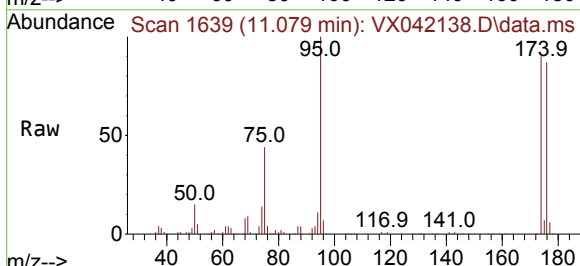
Tgt Ion: 75 Resp: 42483

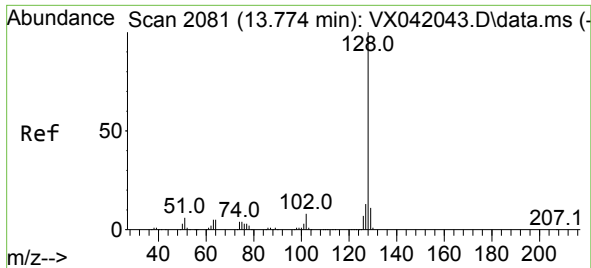
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

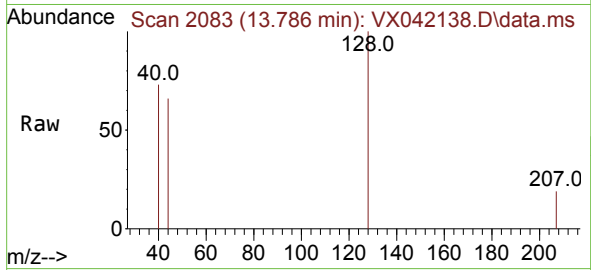
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.787 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042138.D
Acq: 02 Jul 2024 14:34

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6



Tgt Ion:	128	Resp:	285
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

