

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041990.D
 Acq On : 21 Jun 2024 19:08
 Operator : JC/MD
 Sample : P3005-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

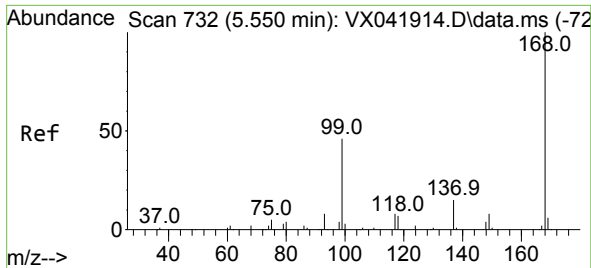
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Jun 22 04:46:21 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	5.556	168	135715	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	210542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71030	45.388	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.780%
35) Dibromofluoromethane	5.391	113	66423	44.463	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.920%
50) Toluene-d8	8.647	98	249583	47.556	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.120%
62) 4-Bromofluorobenzene	11.079	95	93394	48.275	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.560%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	409	0.315	ug/l	93
5) Bromomethane	1.593	94	193	0.301	ug/l	96
6) Chloroethane	1.624	64	143	Below Cal	#	43
16) Acetone	2.392	43	1536	2.235	ug/l	# 74
20) Methylene Chloride	2.782	84	1539	1.023	ug/l	# 73
31) Cyclohexane	5.544	56	1927	1.053	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	8339	5.257	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	11491	6.556	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	988	0.452	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	43121	22.995	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	43121	65.302	ug/l	# 5

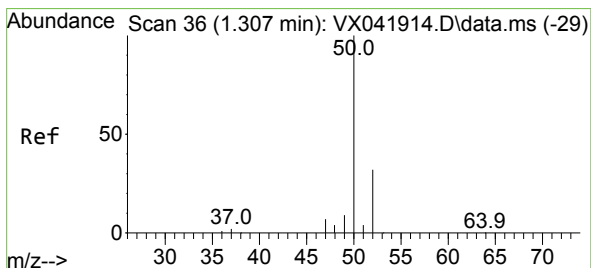
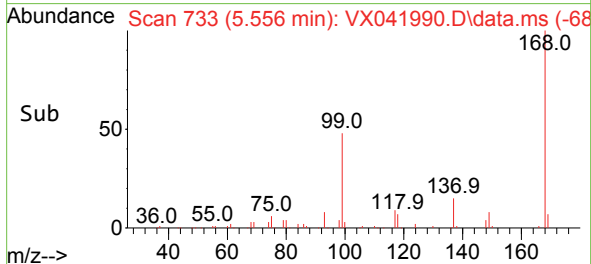
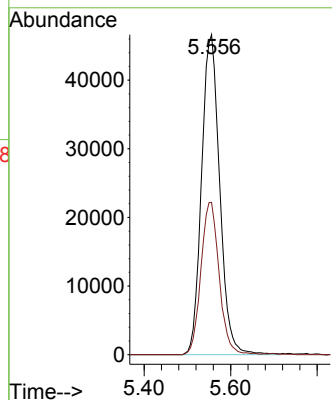
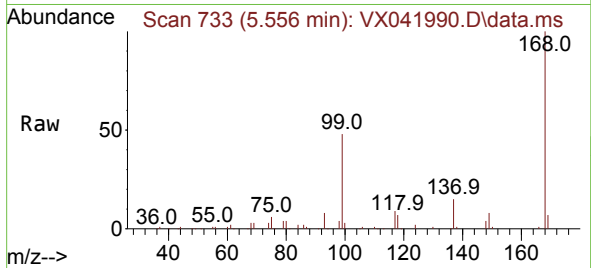
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

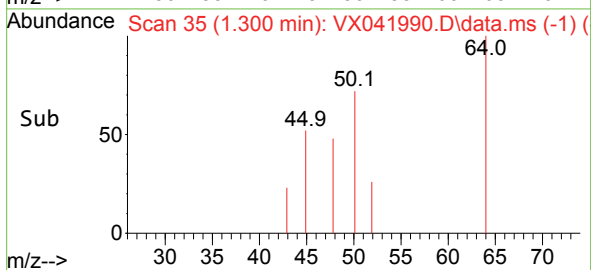
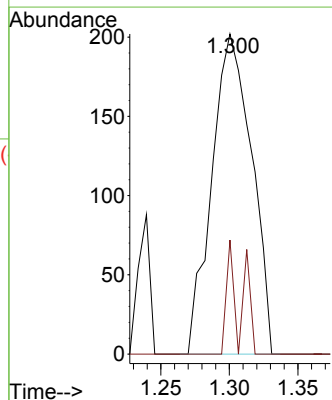
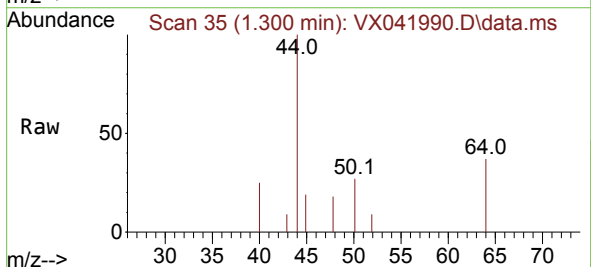
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

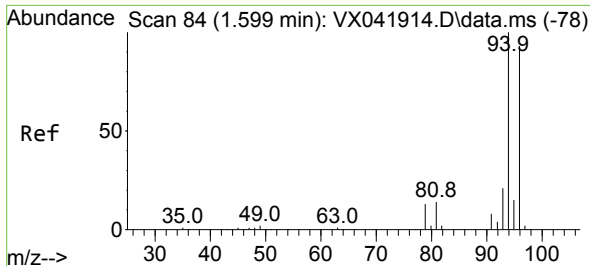
Tgt Ion:168 Resp: 135715
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#3
Chloromethane
Concen: 0.315 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

Tgt Ion: 50 Resp: 409
Ion Ratio Lower Upper
50 100
52 35.6 25.5 38.3

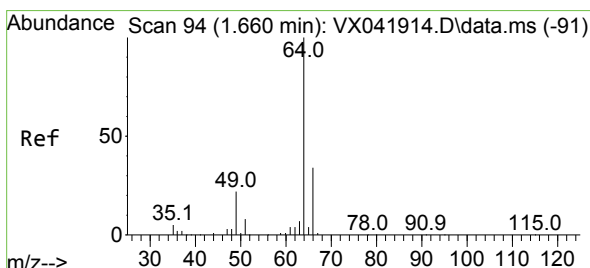
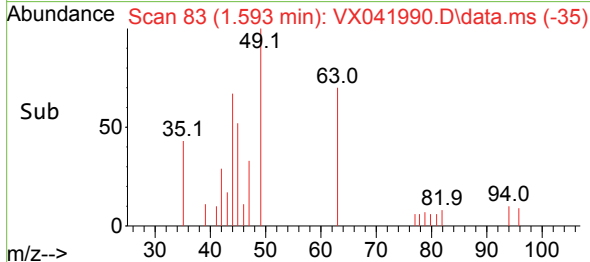
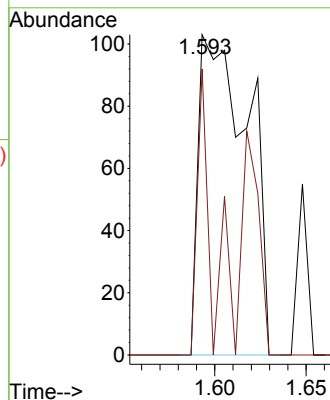
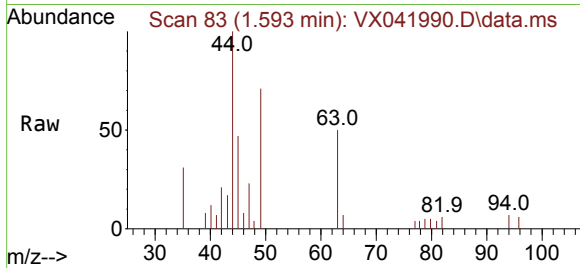




#5
Bromomethane
Concen: 0.301 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

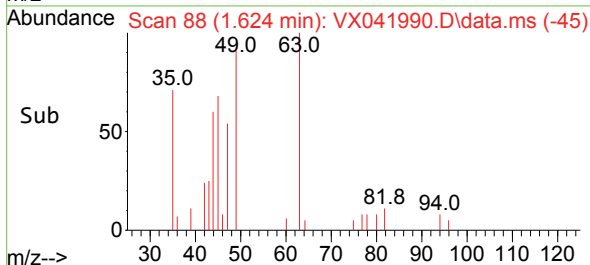
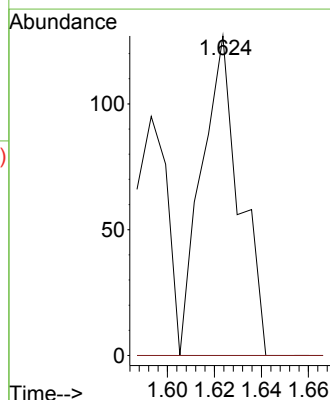
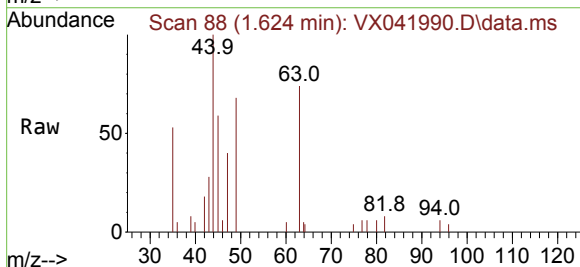
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

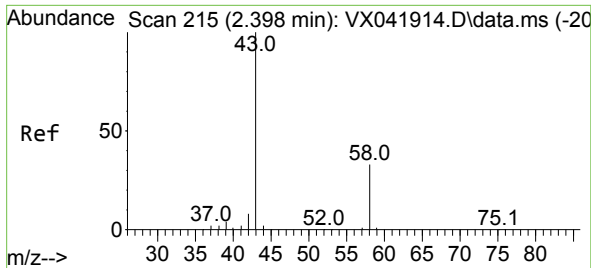
Tgt Ion: 94 Resp: 193
Ion Ratio Lower Upper
94 100
96 89.3 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. -0.036 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

Tgt Ion: 64 Resp: 143
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

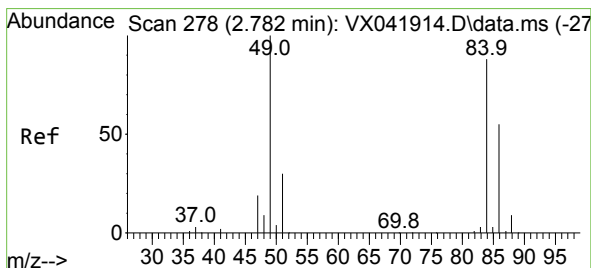
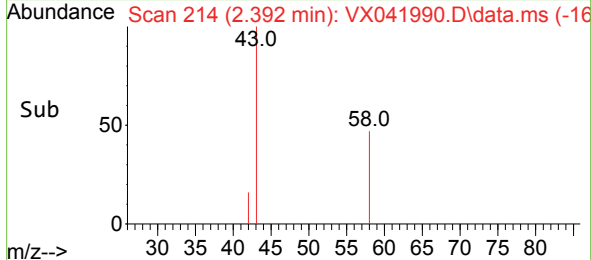
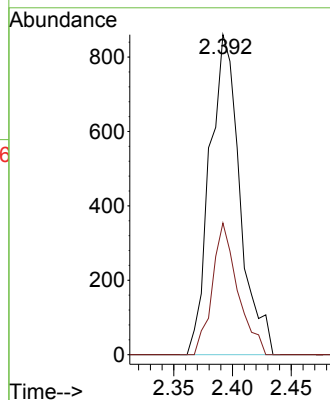
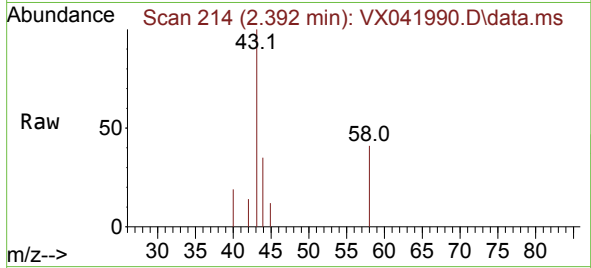




#16
Acetone
Concen: 2.235 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

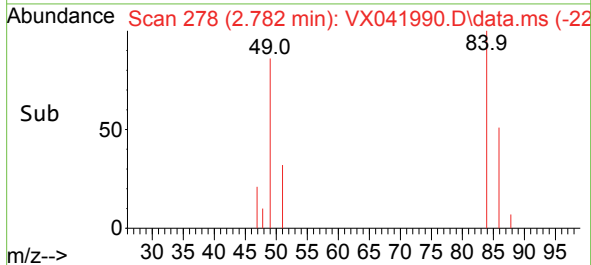
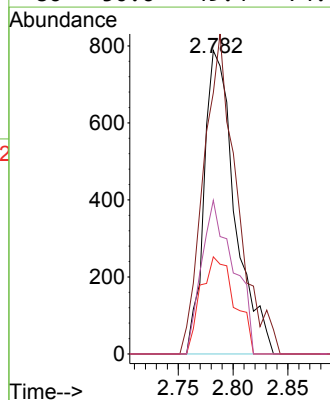
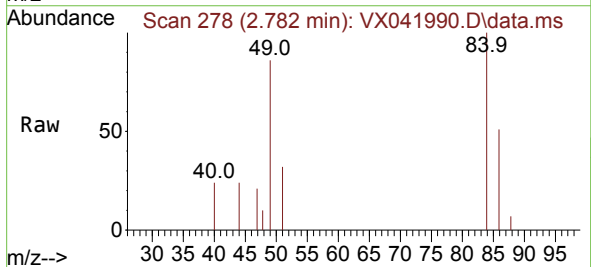
Instrument : MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

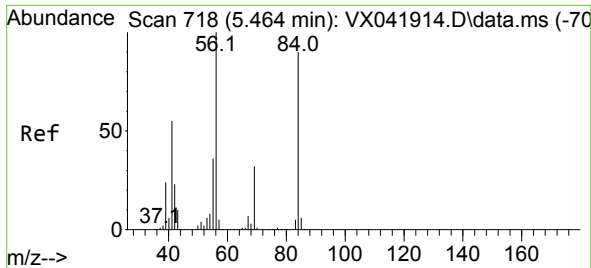
Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 41.2 21.9 32.9#



#20
Methylene Chloride
Concen: 1.023 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

Tgt Ion: 84 Resp: 1539
Ion Ratio Lower Upper
84 100
49 86.0 103.6 155.4#
51 32.0 33.8 50.6#
86 50.6 49.4 74.0

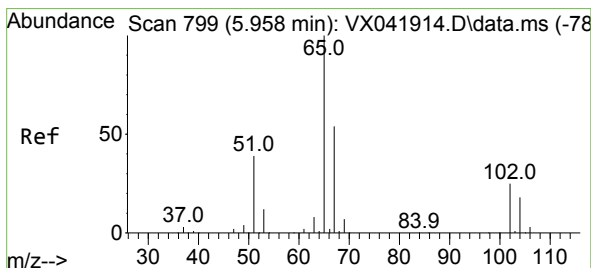
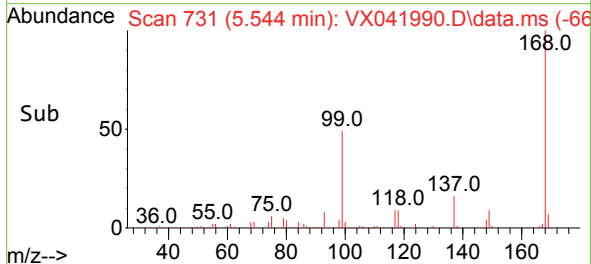
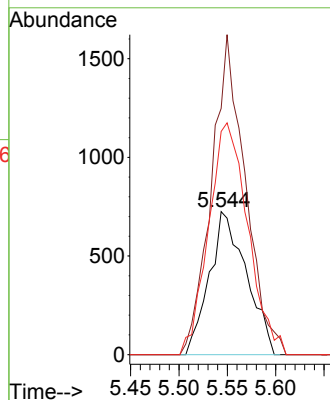
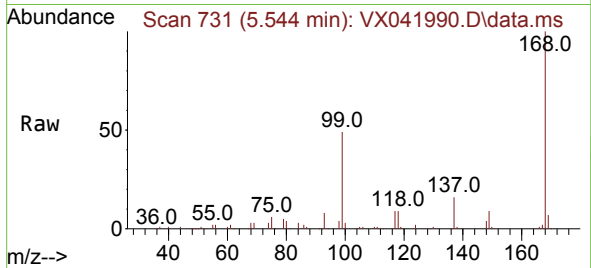




#31
Cyclohexane
Concen: 1.053 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

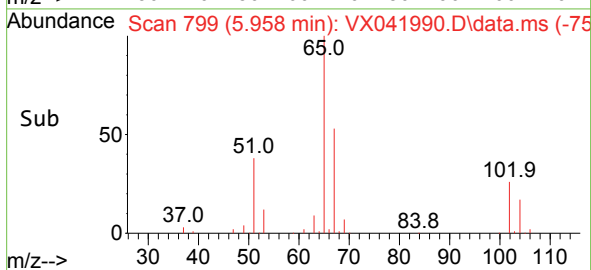
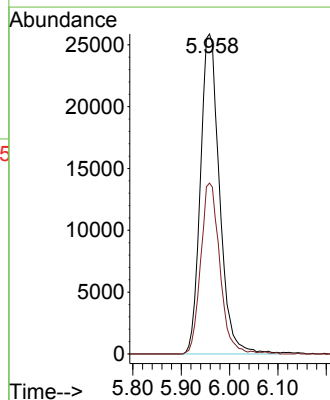
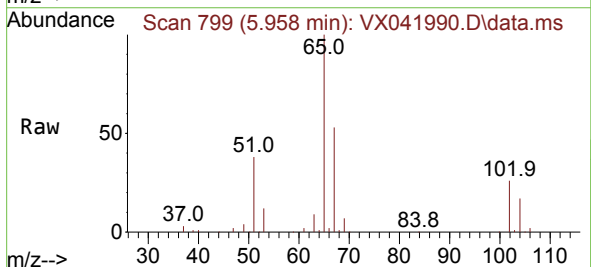
Instrument :
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ClientSampleId :
Storage-Blank-SOIL-REF-6

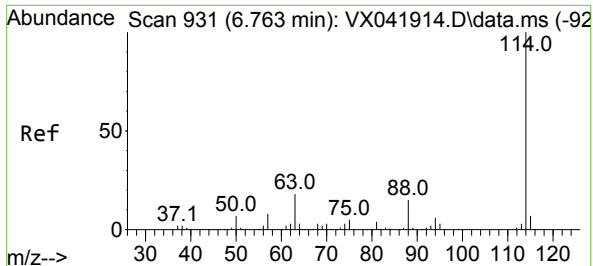
Tgt Ion: 56 Resp: 1927
Ion Ratio Lower Upper
56 100
69 172.1 23.4 35.2#
84 156.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.388 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

Tgt Ion: 65 Resp: 71030
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

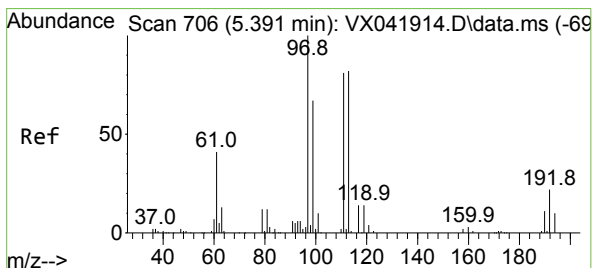
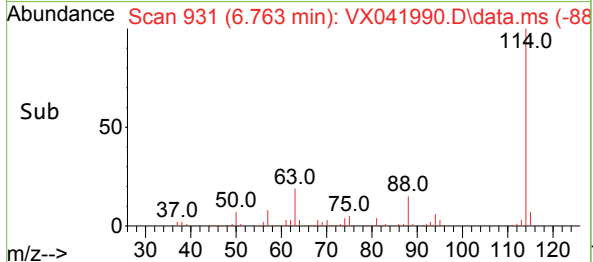
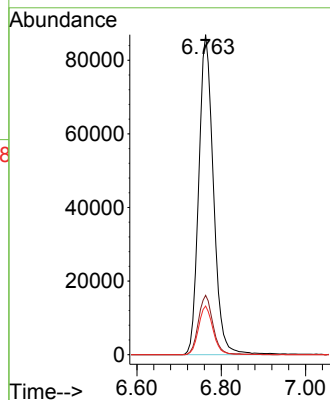
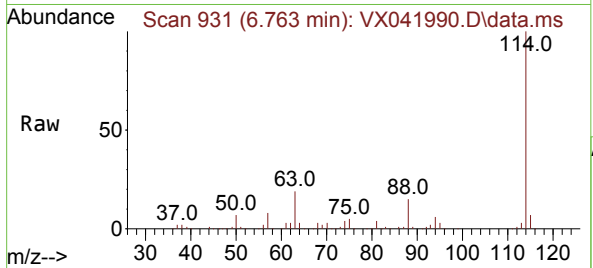




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

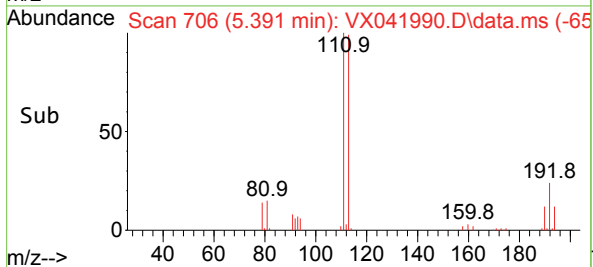
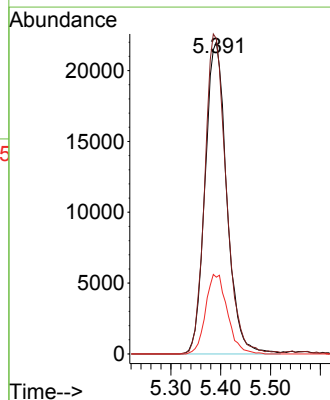
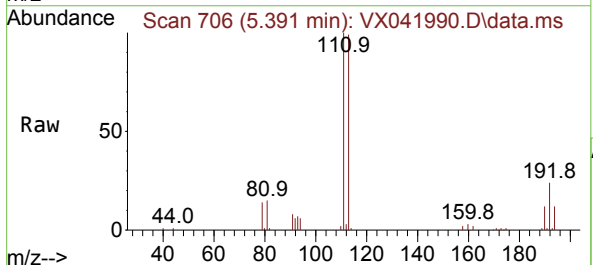
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

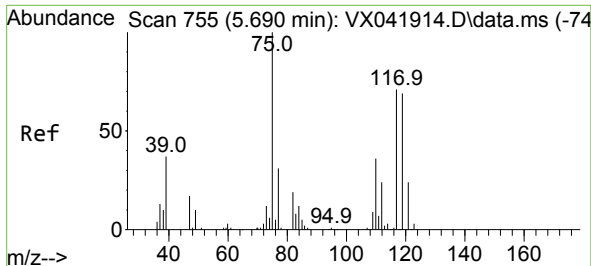
Tgt Ion:114 Resp: 210542
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.463 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

Tgt Ion:113 Resp: 66423
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.6 13.3 19.9#

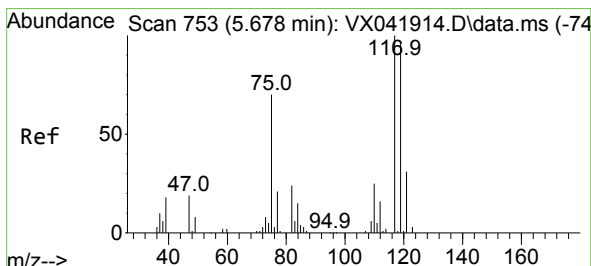
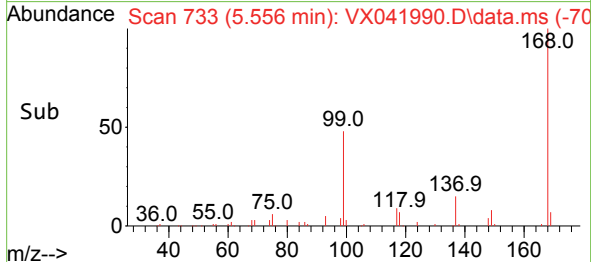
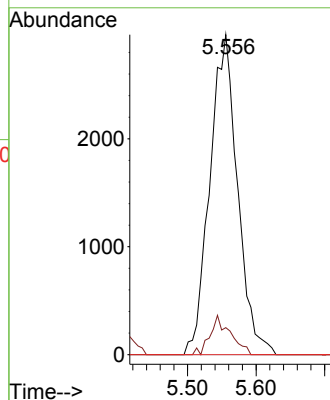
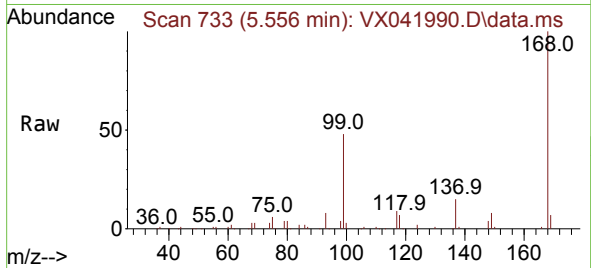




#36
1,1-Dichloropropene
Concen: 5.257 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

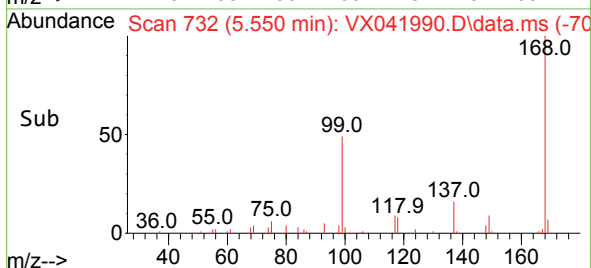
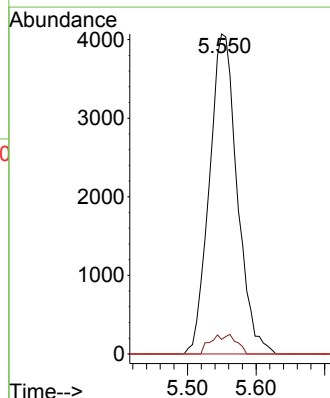
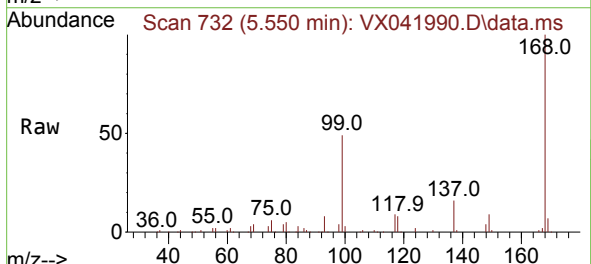
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Storage-Blank-SOIL-REF-6

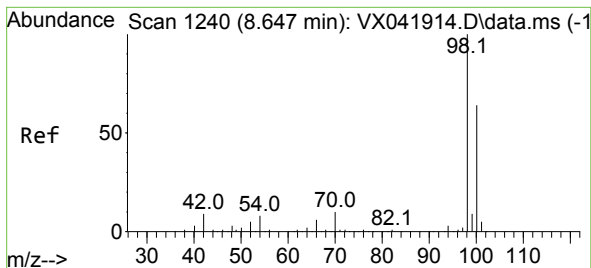
Tgt Ion: 75 Resp: 8339
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.556 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

Tgt Ion: 117 Resp: 11491
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 47.556 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041990.D

Acq: 21 Jun 2024 19:08

Instrument :

MSVOA_X

ClientSampleId :

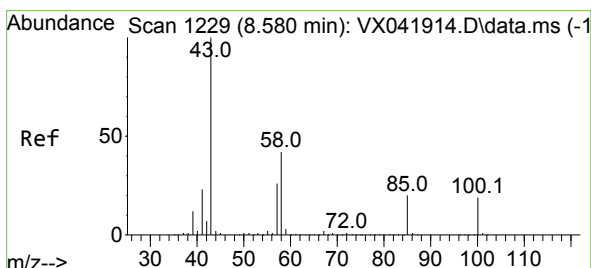
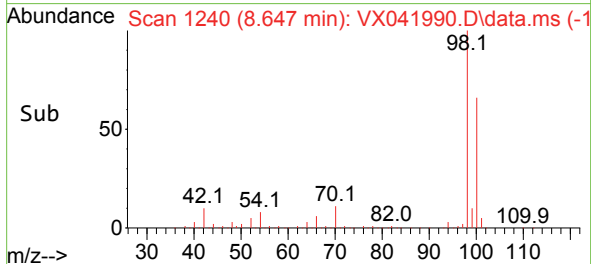
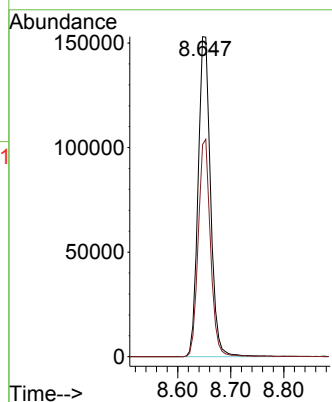
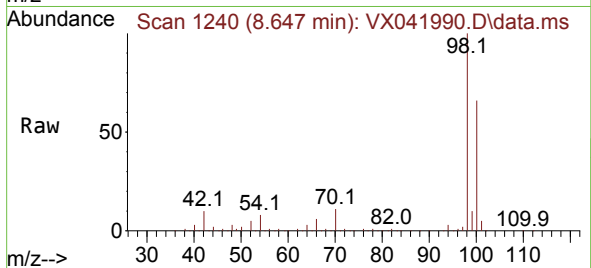
Storage-Blank-SOIL-REF-6

Tgt Ion: 98 Resp: 249583

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.452 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX041990.D

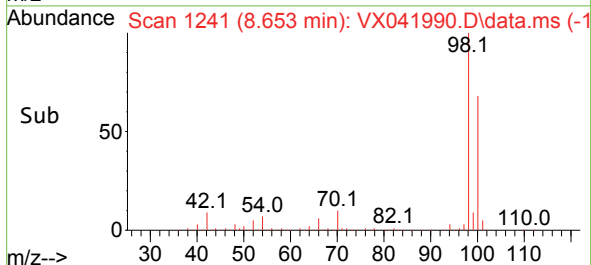
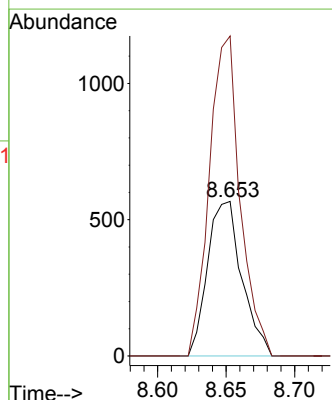
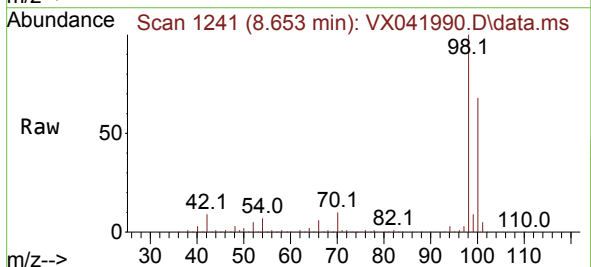
Acq: 21 Jun 2024 19:08

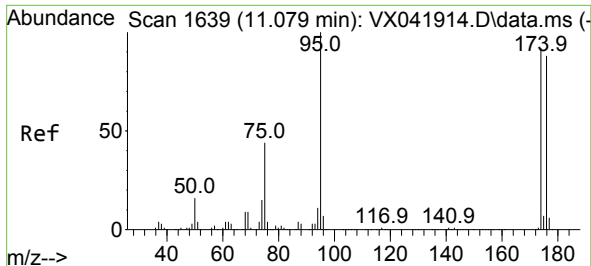
Tgt Ion: 43 Resp: 988

Ion Ratio Lower Upper

43 100

58 185.7 30.4 45.6#

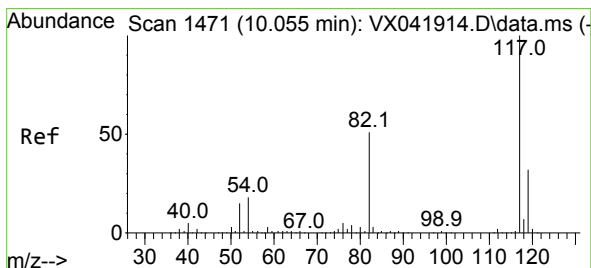
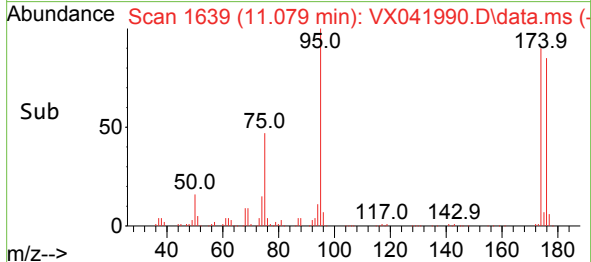
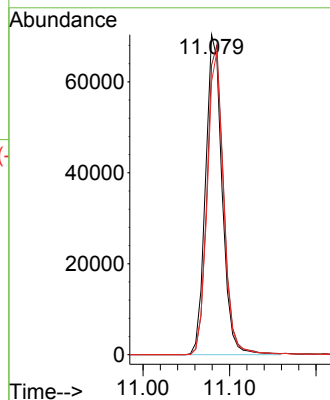
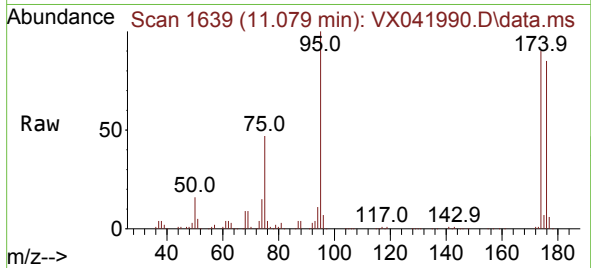




#62
4-Bromofluorobenzene
Concen: 48.275 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

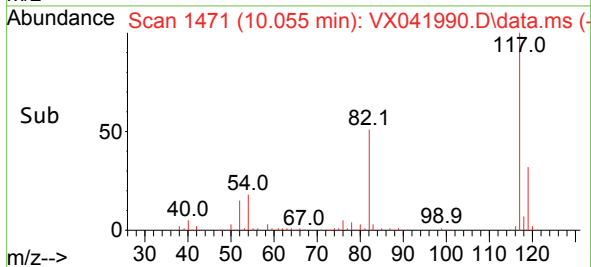
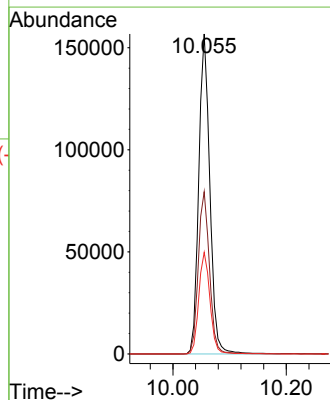
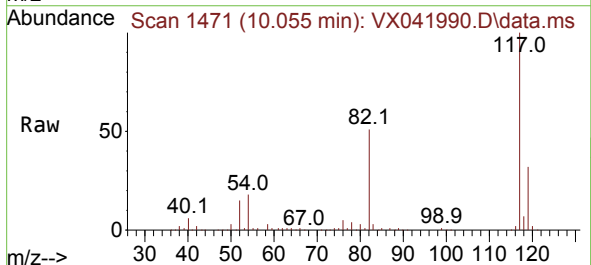
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

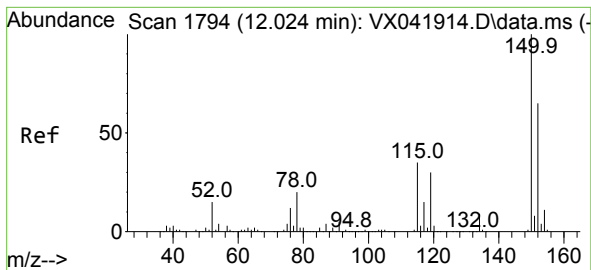
Tgt Ion: 95 Resp: 93394
Ion Ratio Lower Upper
95 100
174 97.4 0.0 135.6
176 93.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

Tgt Ion: 117 Resp: 212359
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 31.7 25.5 38.3

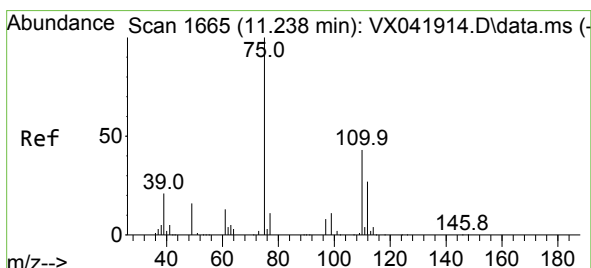
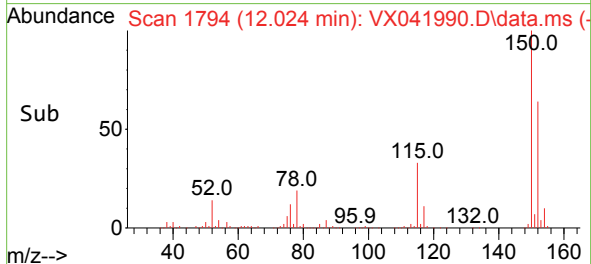
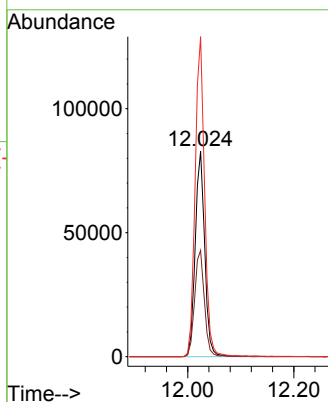
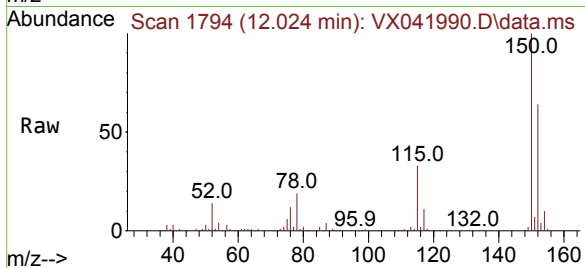




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

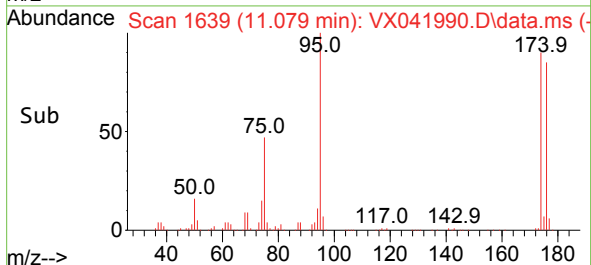
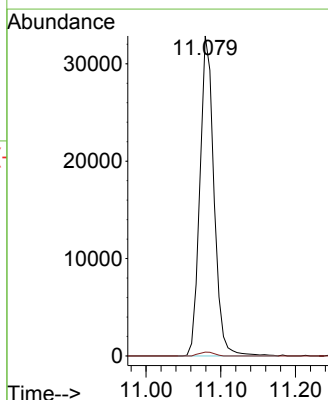
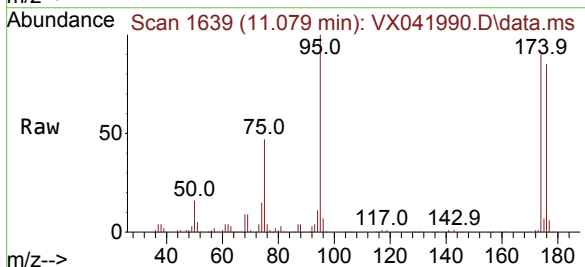
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

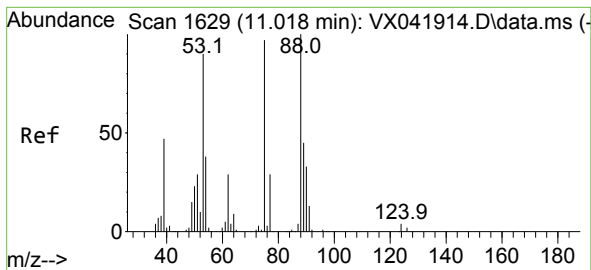
Tgt Ion:152 Resp: 103298
Ion Ratio Lower Upper
152 100
115 53.0 43.3 129.9
150 155.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 22.995 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041990.D
Acq: 21 Jun 2024 19:08

Tgt Ion: 75 Resp: 43121
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.302 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041990.D
 Acq: 21 Jun 2024 19:08

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

Tgt Ion: 75 Resp: 43121
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

