

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081524\
 Data File : VX043054.D
 Acq On : 15 Aug 2024 11:41
 Operator : JC/MD
 Sample : P3542-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 16 01:39:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

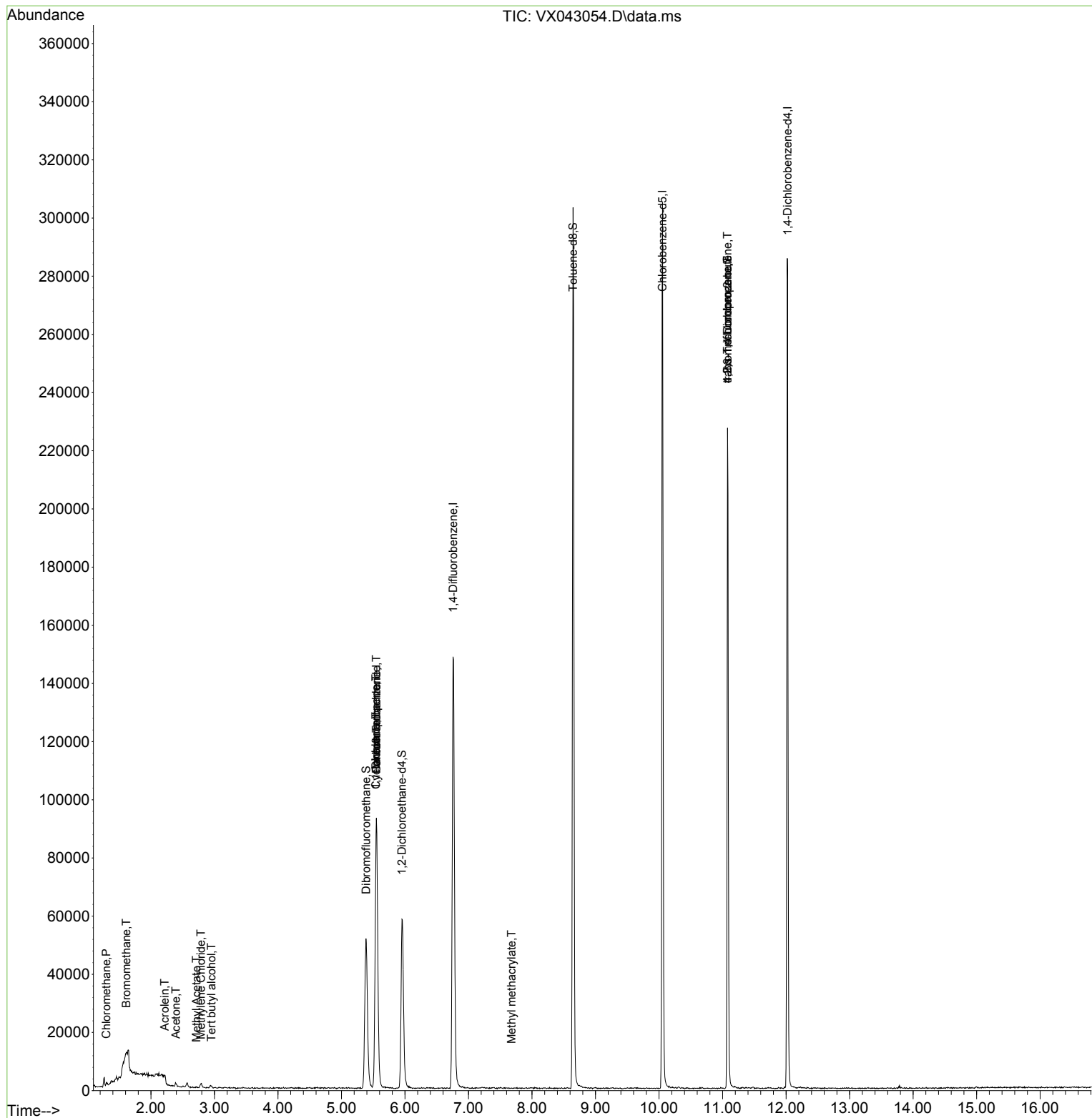
Internal Standards						
1) Pentafluorobenzene	5.550	168	91276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54021	45.041	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.080%
35) Dibromofluoromethane	5.385	113	46789	47.156	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	8.647	98	183351	47.870	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.740%
62) 4-Bromofluorobenzene	11.079	95	62399	44.930	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	999	0.731	ug/l	89
5) Bromomethane	1.612	94	286	0.688	ug/l #	24
11) Tert butyl alcohol	2.953	59	360	1.163	ug/l #	78
13) Acrolein	2.215	56	94	0.300	ug/l #	14
16) Acetone	2.392	43	1555	2.614	ug/l	93
18) Methyl Acetate	2.715	43	510	0.259	ug/l #	53
20) Methylene Chloride	2.788	84	800	0.582	ug/l #	88
31) Cyclohexane	5.544	56	1984	0.993	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7124	5.168	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8830	6.335	ug/l #	15
48) Methyl methacrylate	7.678	41	91	0.467	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	31330	21.721	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	31330	47.379	ug/l #	5

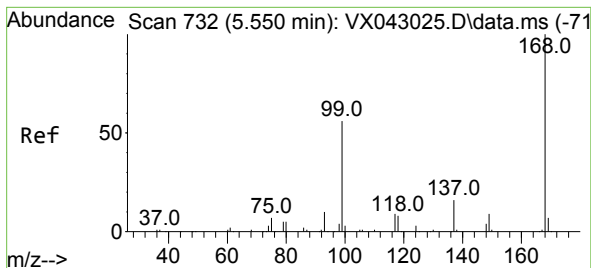
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX043054.D

Acq: 15 Aug 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

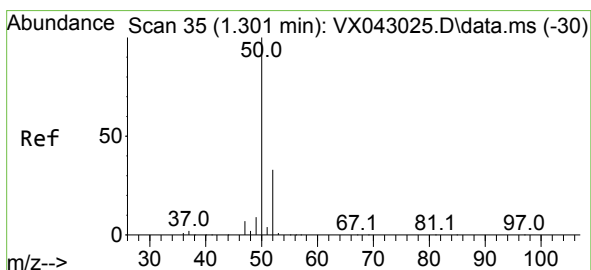
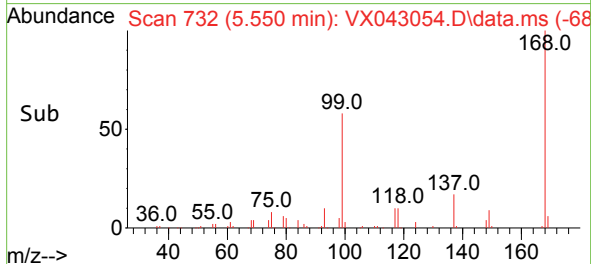
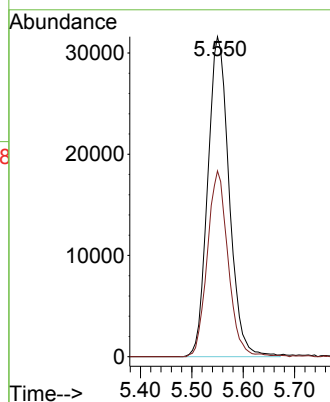
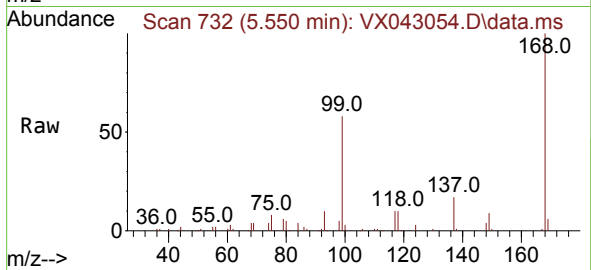
Storage-Blank-SOIL-REF-6

Tgt Ion:168 Resp: 91276

Ion Ratio Lower Upper

168 100

99 58.0 56.6 85.0



#3

Chloromethane

Concen: 0.731 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX043054.D

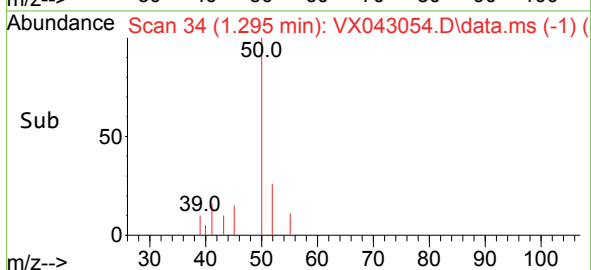
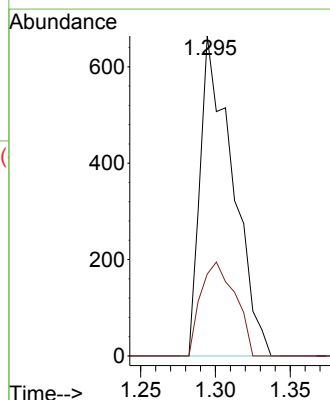
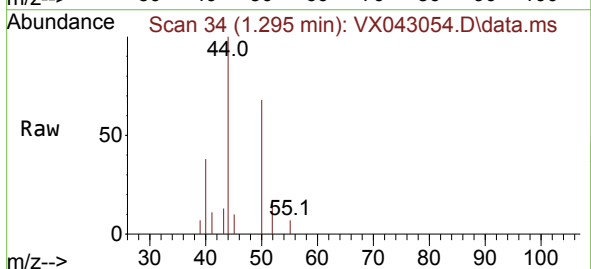
Acq: 15 Aug 2024 11:41

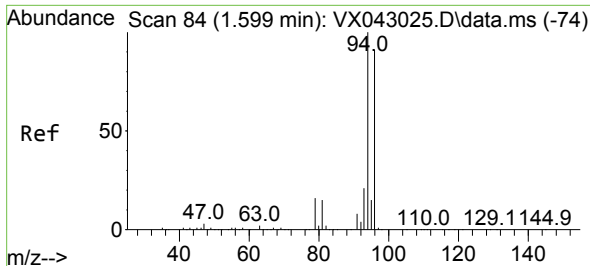
Tgt Ion: 50 Resp: 999

Ion Ratio Lower Upper

50 100

52 25.6 25.5 38.3

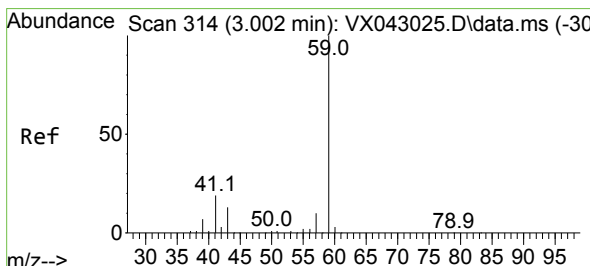
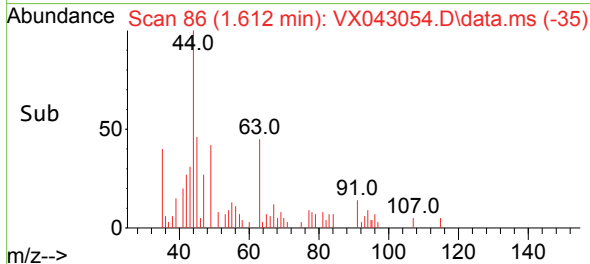
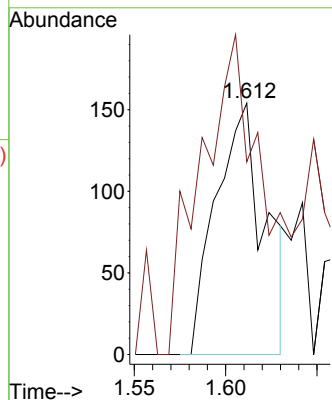
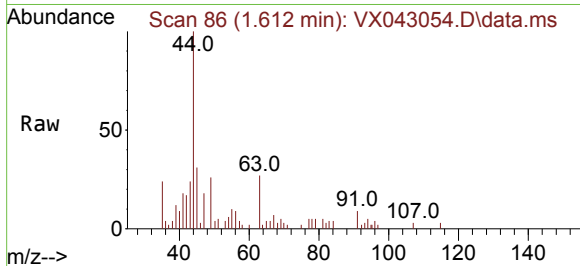




#5
 Bromomethane
 Concen: 0.688 ug/l
 RT: 1.612 min Scan# 80
 Delta R.T. 0.012 min
 Lab File: VX043054.D
 Acq: 15 Aug 2024 11:41

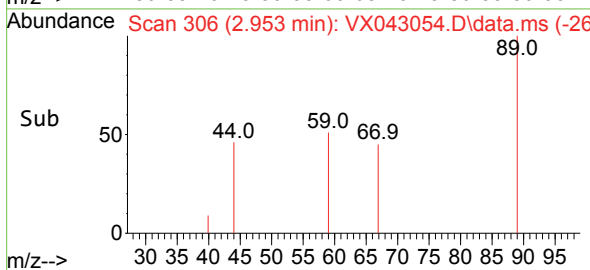
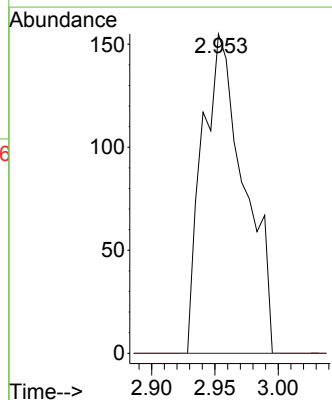
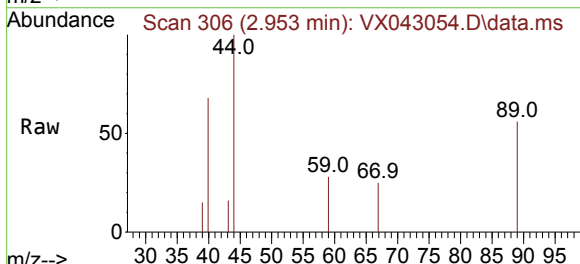
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

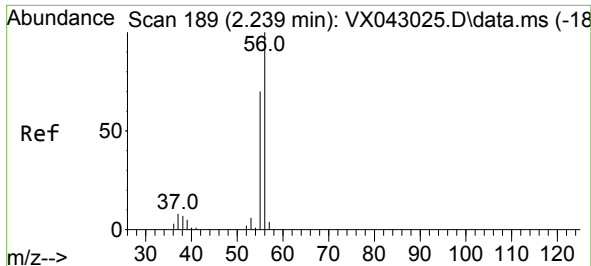
Tgt Ion: 94 Resp: 286
 Ion Ratio Lower Upper
 94 100
 96 20.1 74.6 111.8#



#11
 Tert butyl alcohol
 Concen: 1.163 ug/l
 RT: 2.953 min Scan# 306
 Delta R.T. -0.049 min
 Lab File: VX043054.D
 Acq: 15 Aug 2024 11:41

Tgt Ion: 59 Resp: 360
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#

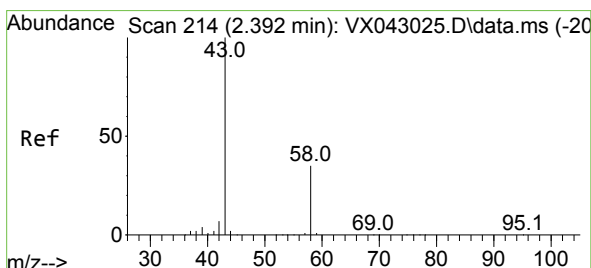
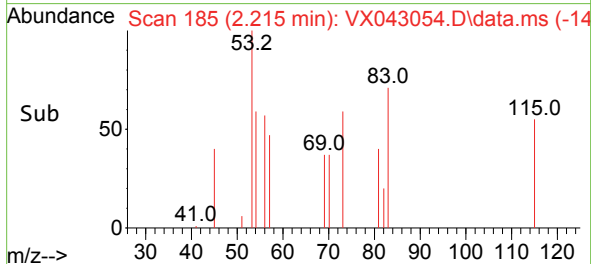
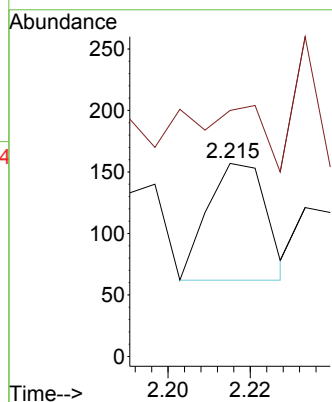
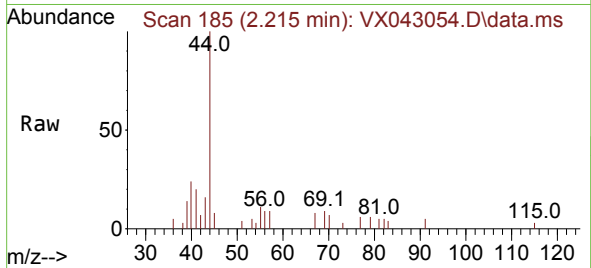




#13
Acrolein
Concen: 0.300 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

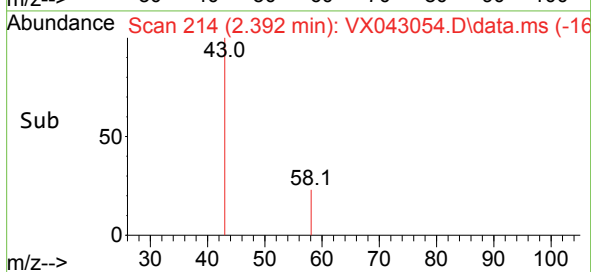
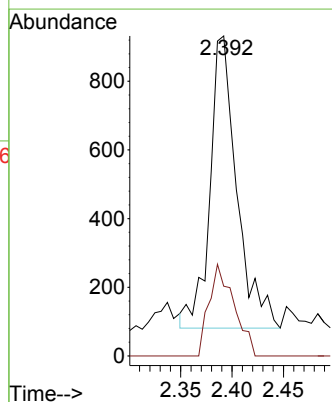
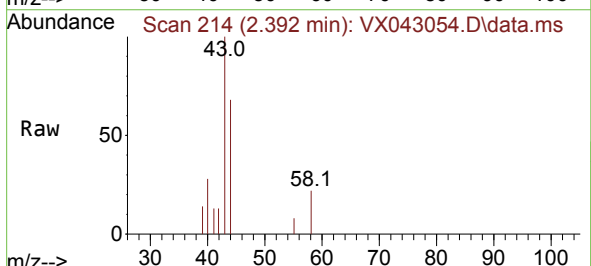
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

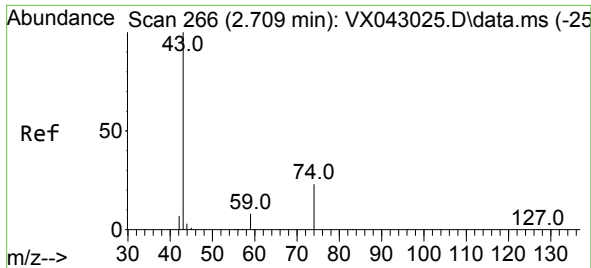
Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 2.614 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 23.9 21.9 32.9

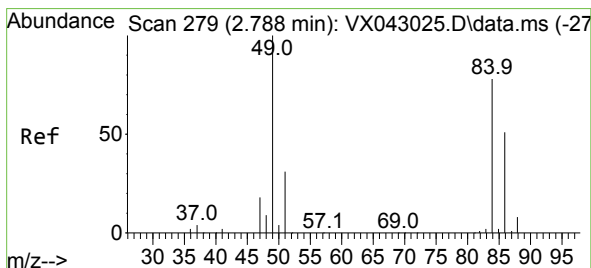
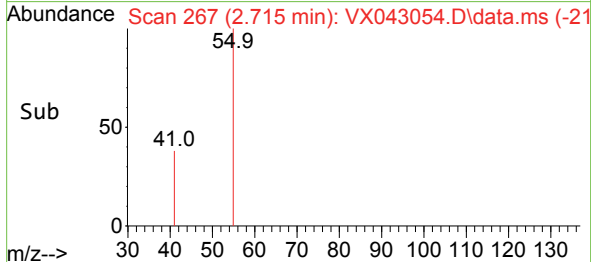
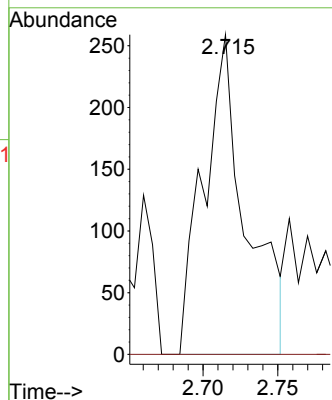
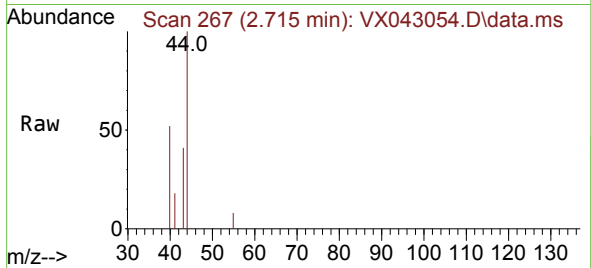




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

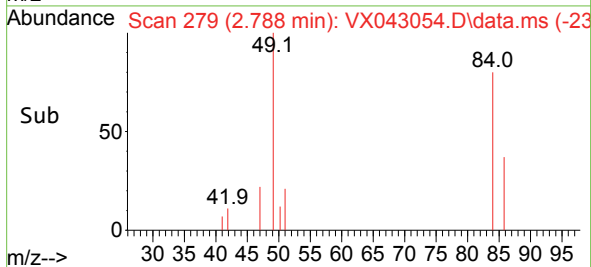
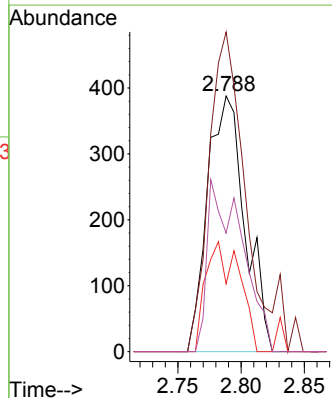
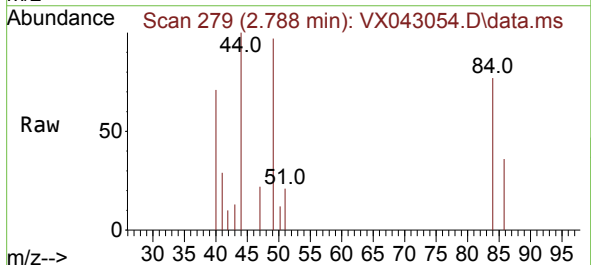
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

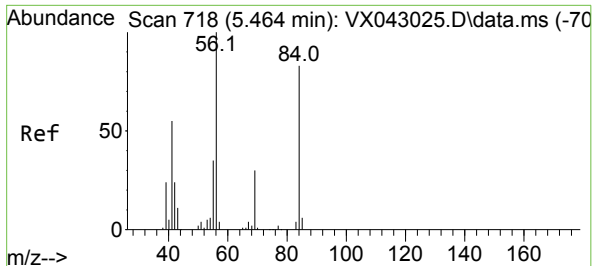
Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.582 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

Tgt Ion: 84 Resp: 800
Ion Ratio Lower Upper
84 100
49 125.0 103.6 155.4
51 26.5 33.8 50.6#
86 46.4 49.4 74.0#

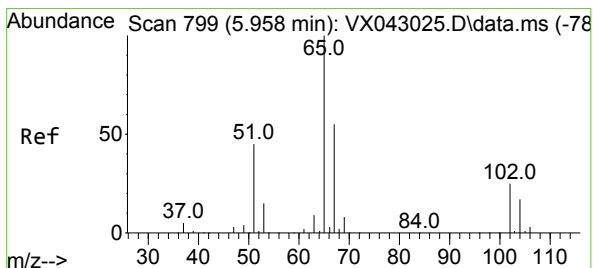
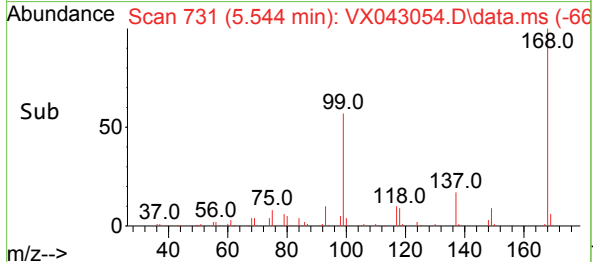
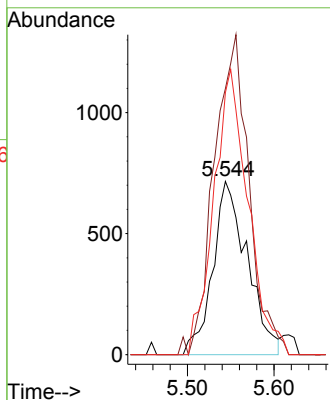
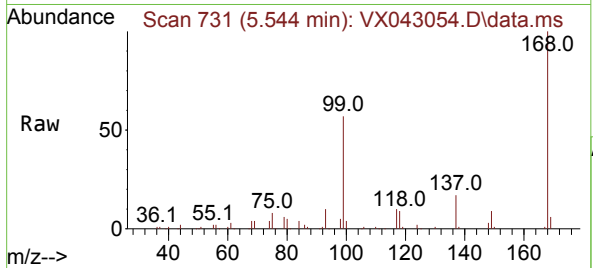




#31
Cyclohexane
Concen: 0.993 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

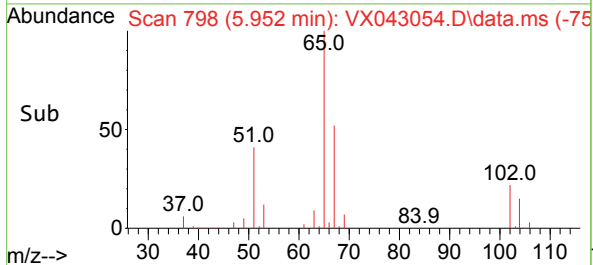
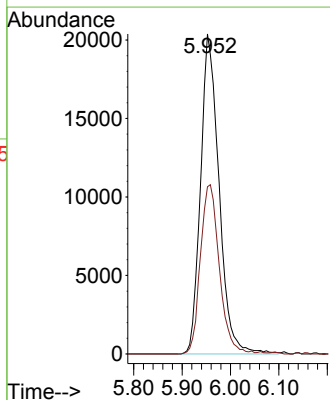
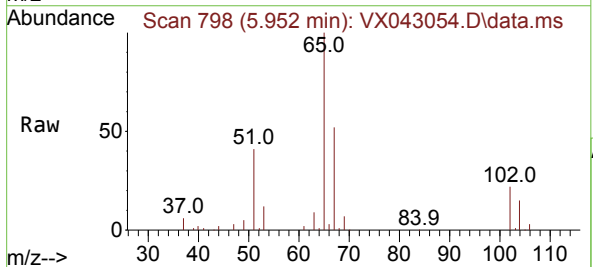
Instrument :
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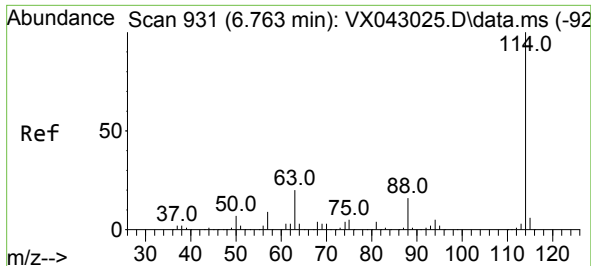
Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 153.5 23.4 35.2#
84 151.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.041 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

Tgt Ion: 65 Resp: 54021
Ion Ratio Lower Upper
65 100
67 54.4 0.0 100.2

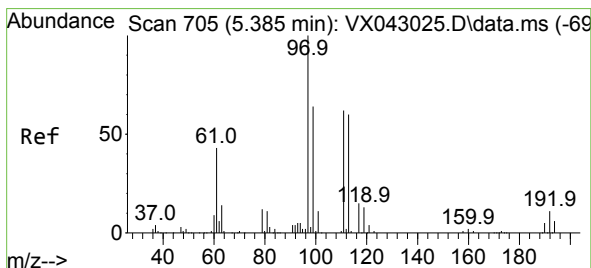
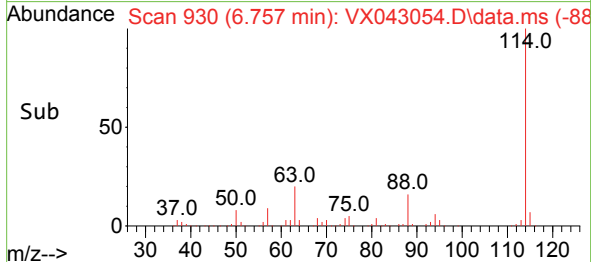
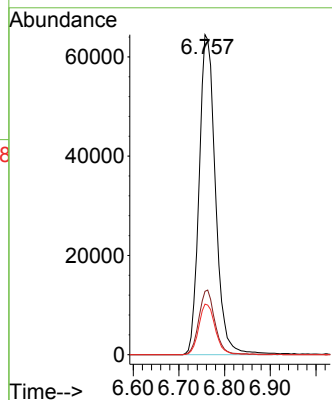
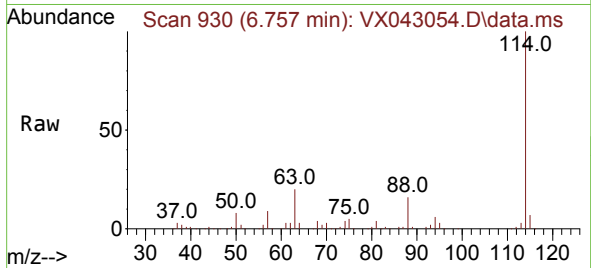




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

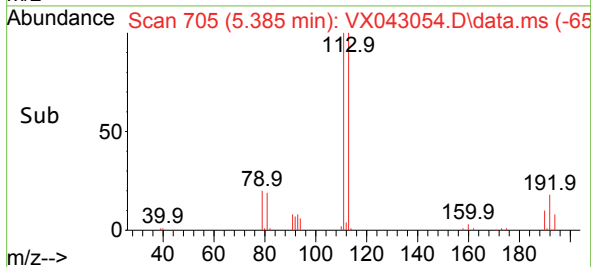
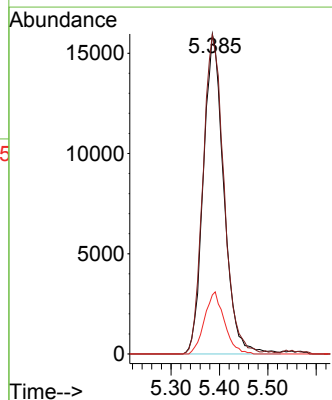
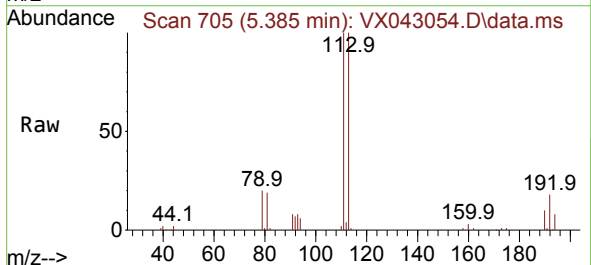
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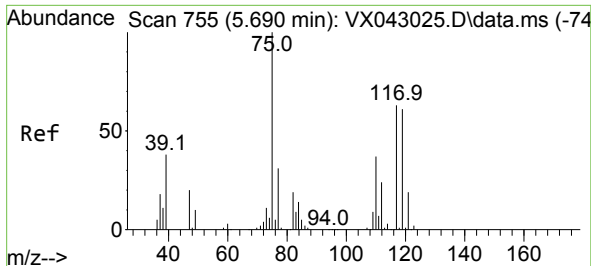
Tgt Ion:114 Resp: 160387
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.156 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

Tgt Ion:113 Resp: 46789
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.9 13.3 19.9

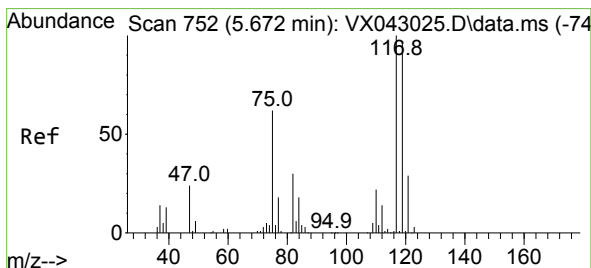
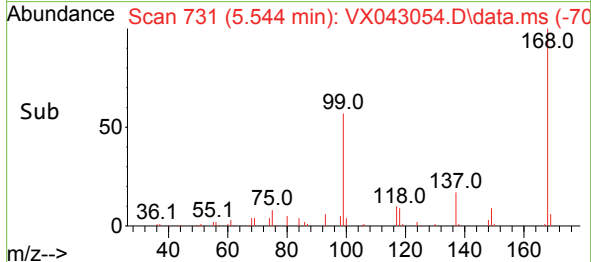
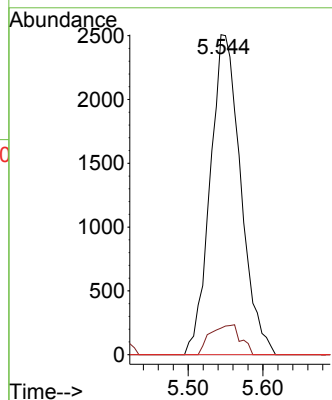
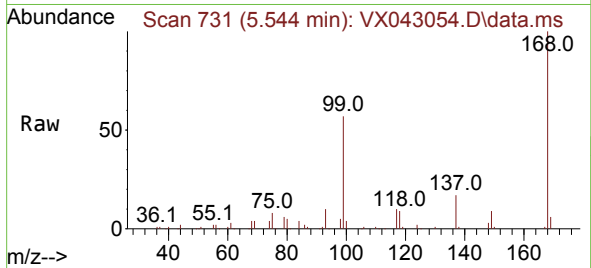




#36
1,1-Dichloropropene
Concen: 5.168 ug/l
RT: 5.544 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

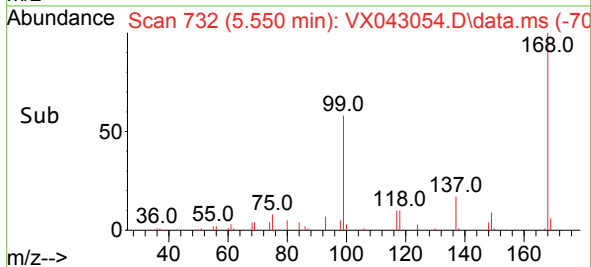
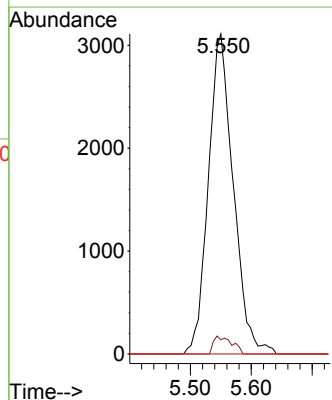
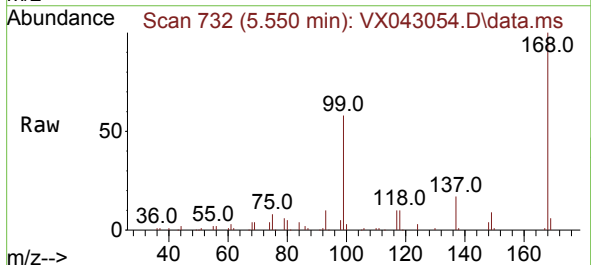
Instrument :
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Storage-Blank-SOIL-REF-6

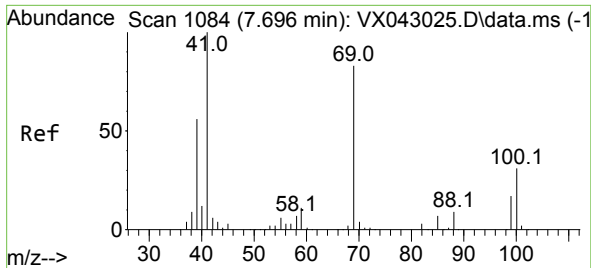
Tgt Ion: 75 Resp: 7124
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.335 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

Tgt Ion: 117 Resp: 8830
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

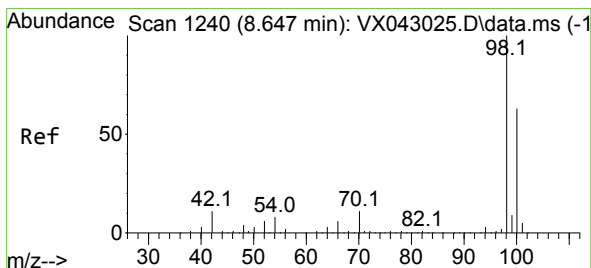
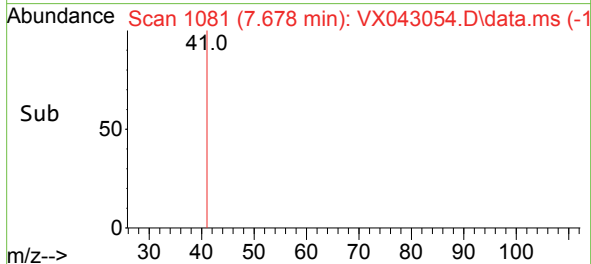
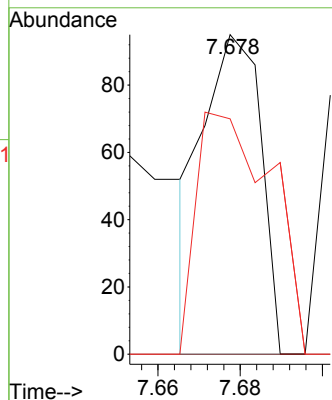
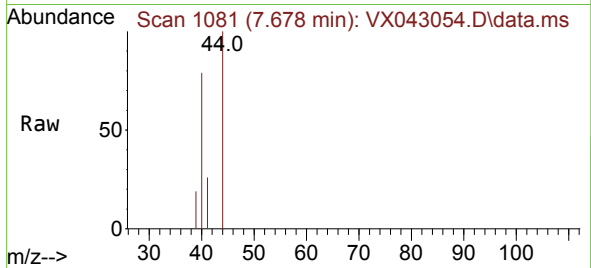




#48
Methyl methacrylate
Concen: 0.467 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.018 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

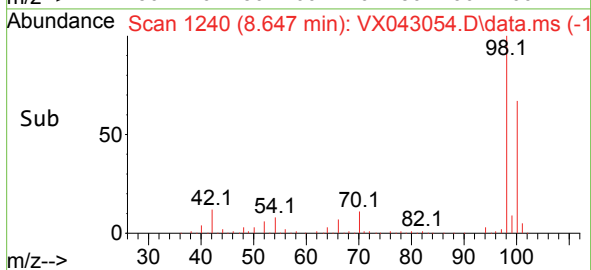
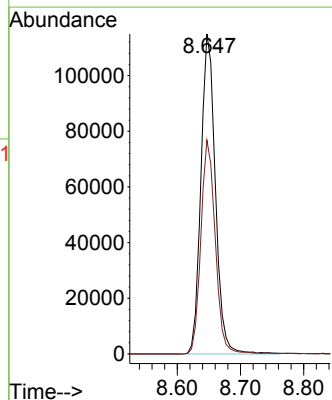
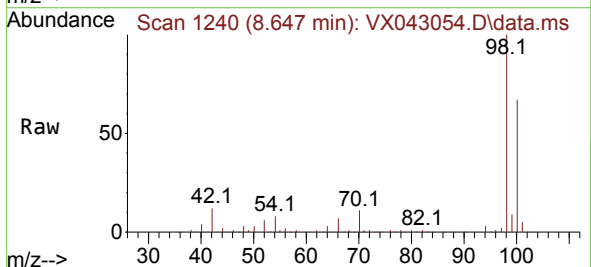
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

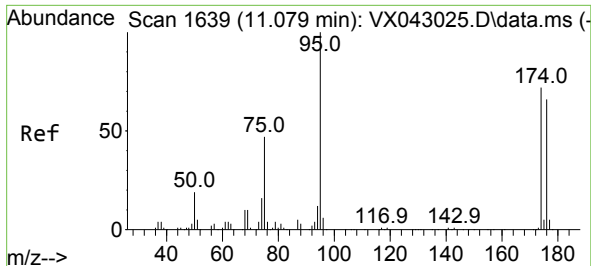
Tgt Ion: 41 Resp: 91
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 100.0 47.7 71.5#



#50
Toluene-d8
Concen: 47.870 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

Tgt Ion: 98 Resp: 183351
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

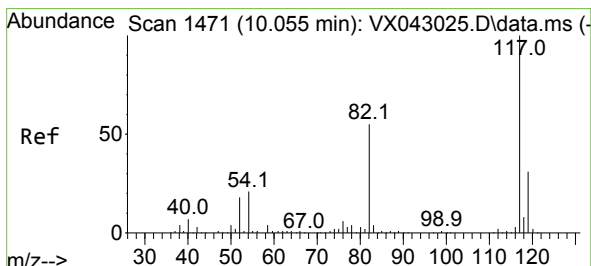
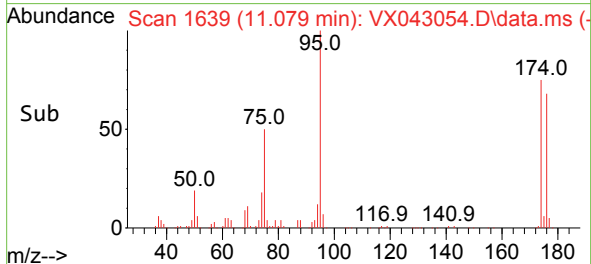
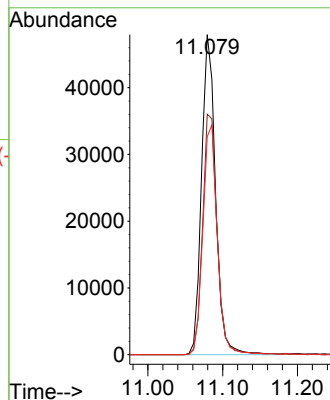
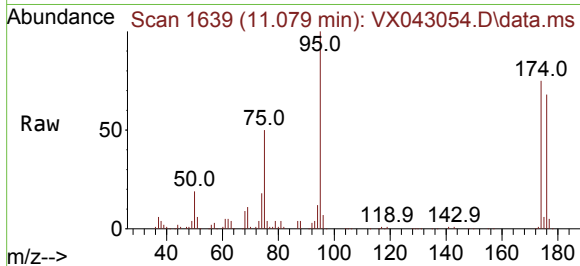




#62
4-Bromofluorobenzene
Concen: 44.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

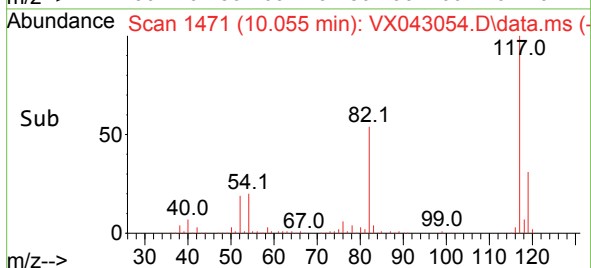
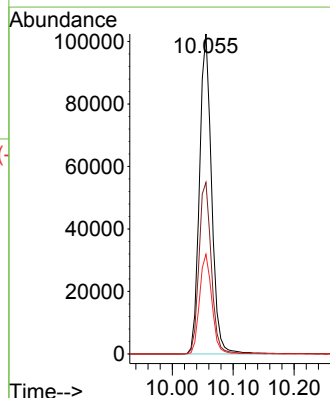
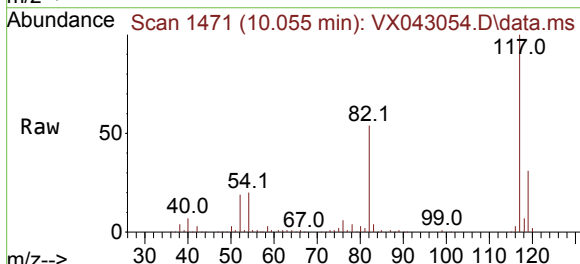
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

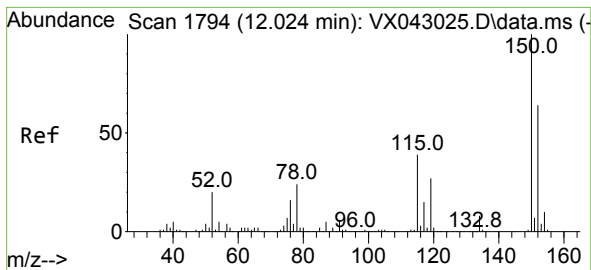
Tgt Ion: 95 Resp: 62399
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 74.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

Tgt Ion: 117 Resp: 141333
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 31.2 25.5 38.3

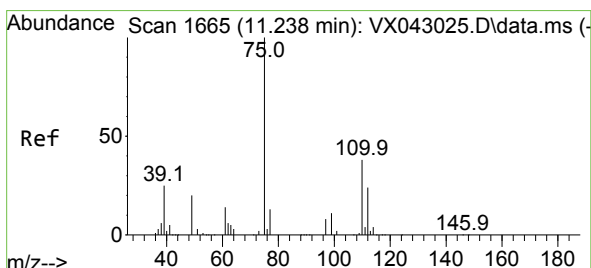
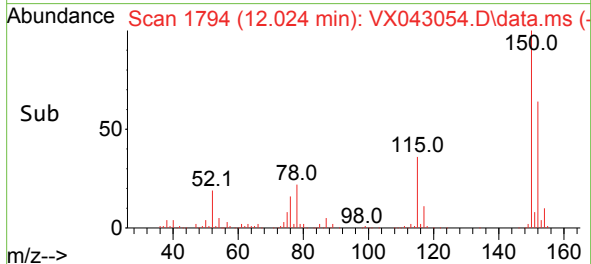
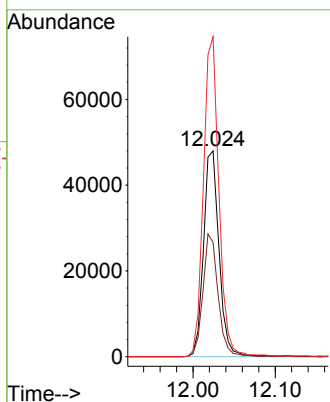
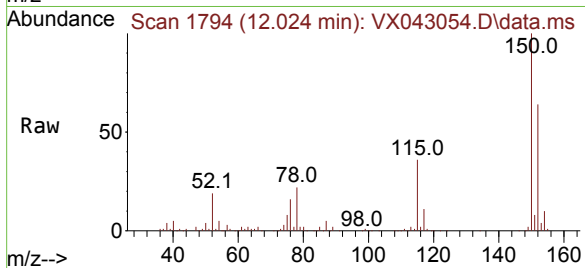




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

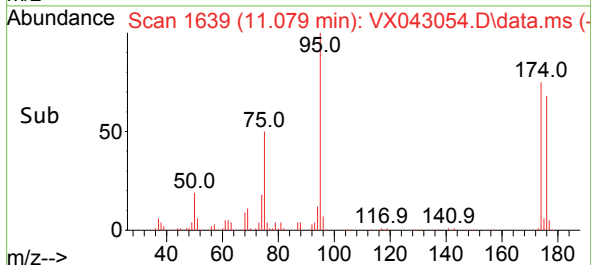
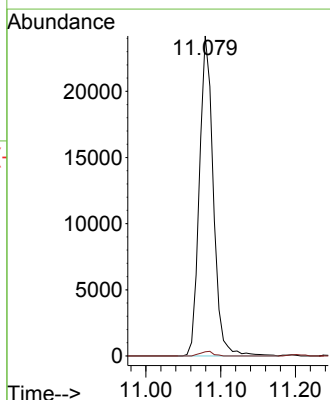
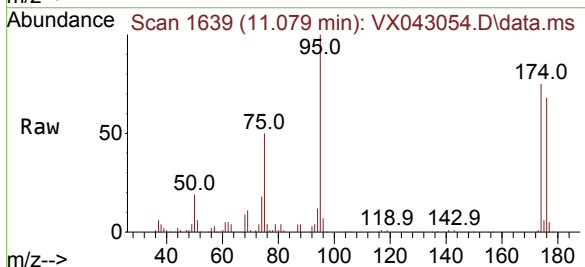
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

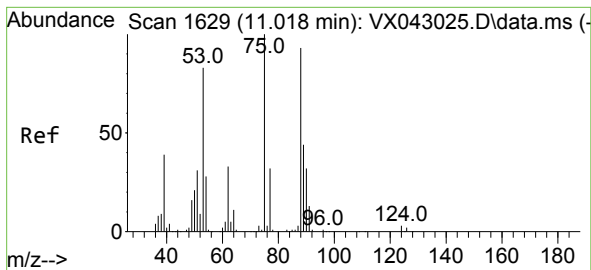
Tgt Ion:152 Resp: 62935
Ion Ratio Lower Upper
152 100
115 58.3 43.3 129.9
150 155.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043054.D
Acq: 15 Aug 2024 11:41

Tgt Ion: 75 Resp: 31330
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.379 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043054.D
 Acq: 15 Aug 2024 11:41

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

Tgt Ion: 75 Resp: 31330
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

