

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038130.D
 Acq On : 06 Oct 2023 14:57
 Operator : JC/MD
 Sample : 04796-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 07 04:20:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

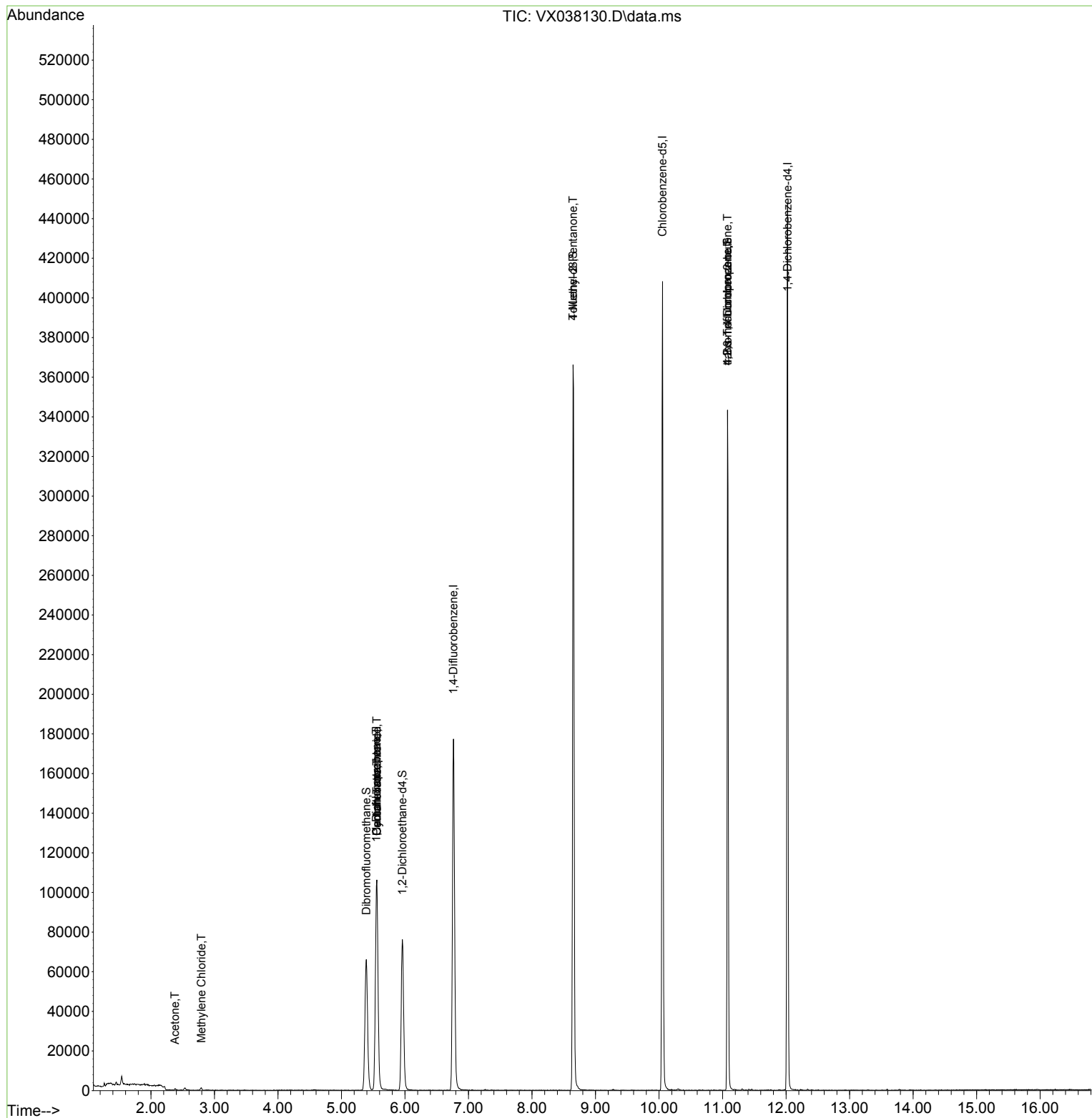
Internal Standards						
1) Pentafluorobenzene	5.556	168	98998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73335	46.055	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.120%		
35) Dibromofluoromethane	5.391	113	56203	43.835	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.660%		
50) Toluene-d8	8.647	98	224083	45.736	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.480%#		
62) 4-Bromofluorobenzene	11.079	95	84193	45.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.660%		
Target Compounds						
5) Bromomethane	1.654	94	42	Below Cal	#	3
6) Chloroethane	1.679	64	234	Below Cal	#	43
16) Acetone	2.380	43	766	1.153	ug/l #	88
20) Methylene Chloride	2.794	84	541	0.433	ug/l #	60
31) Cyclohexane	5.556	56	2605	1.510	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	8505	4.810	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10655	6.126	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	996	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47594	23.405	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47594	66.862	ug/l #	5

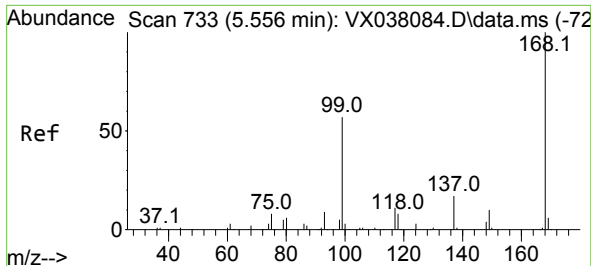
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 07 04:20:52 2023
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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

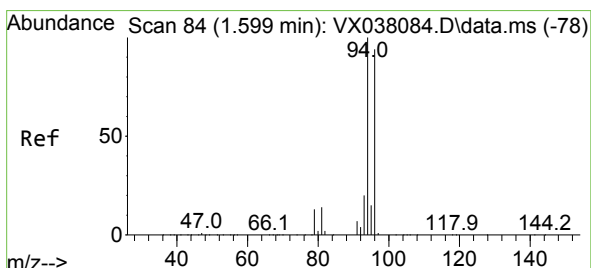
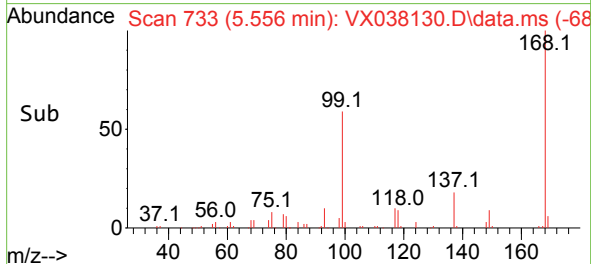
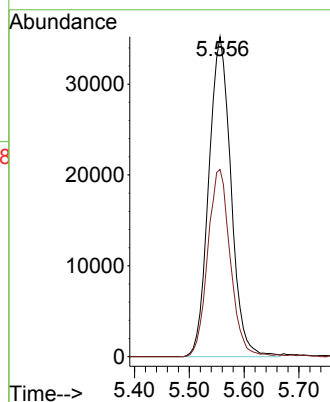
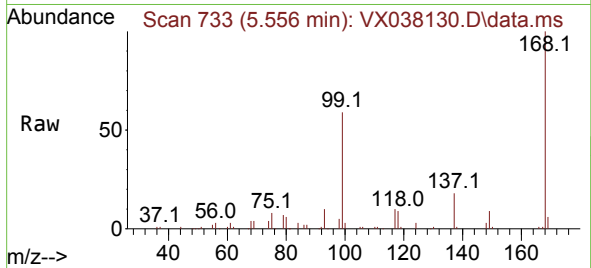




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

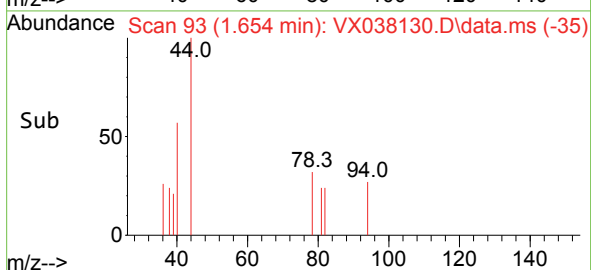
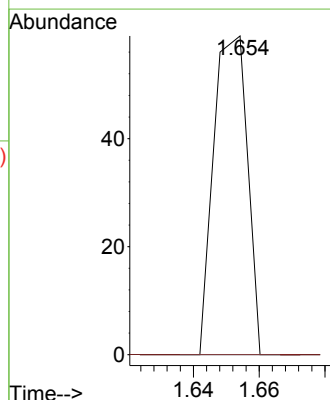
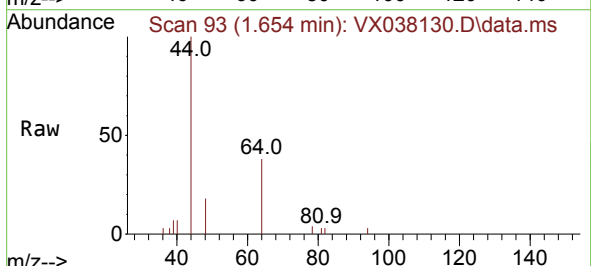
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

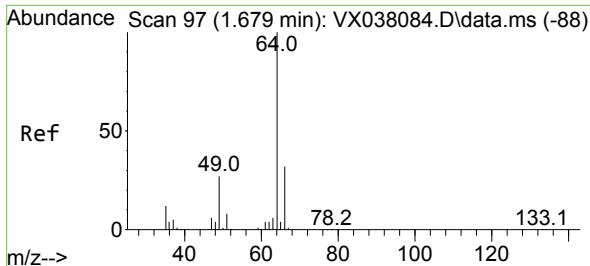
Tgt Ion:168 Resp: 98998
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.654 min Scan# 93
Delta R.T. 0.055 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

Tgt Ion: 94 Resp: 42
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

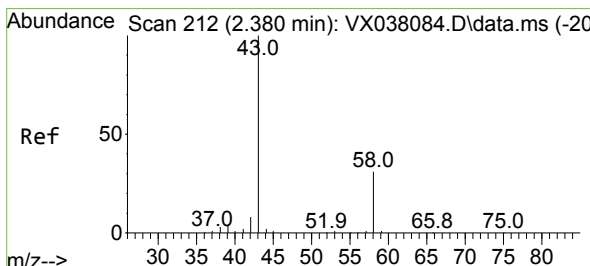
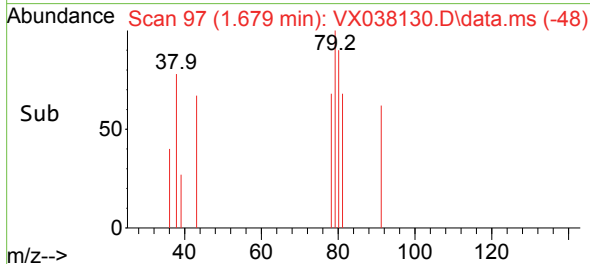
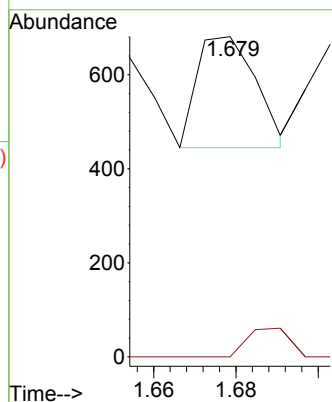
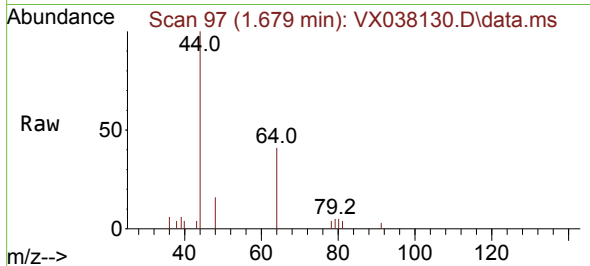




#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

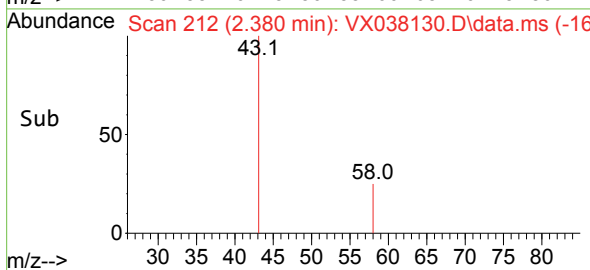
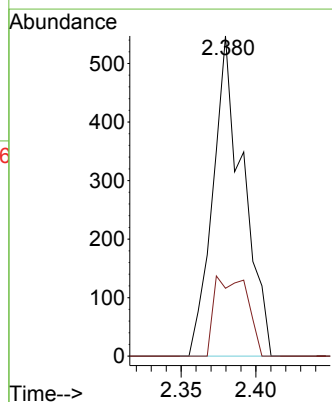
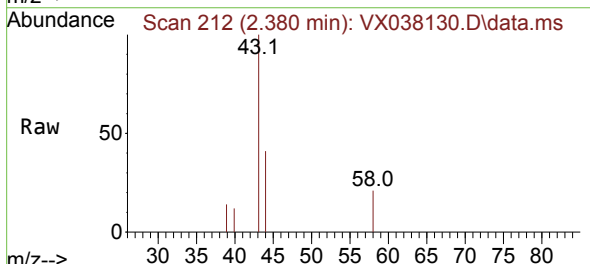
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

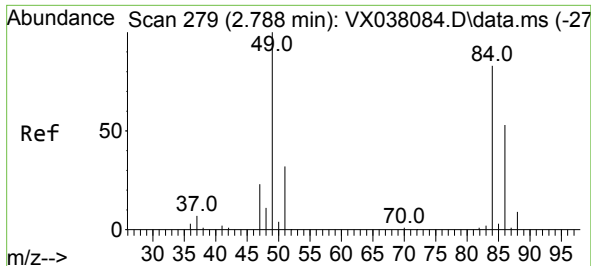
Tgt Ion: 64 Resp: 234
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.153 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 21.2 21.9 32.9#

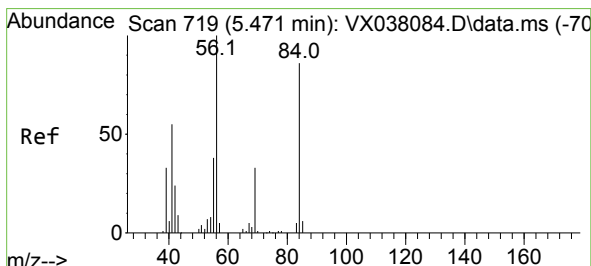
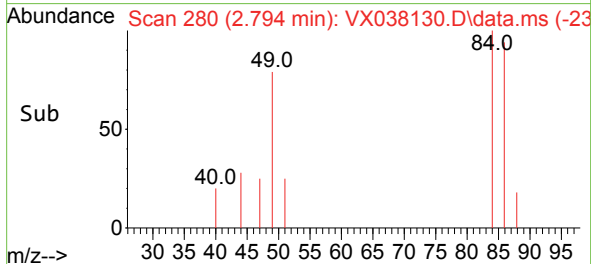
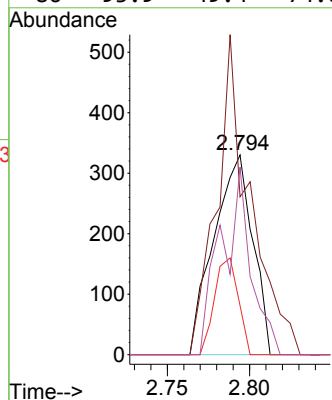
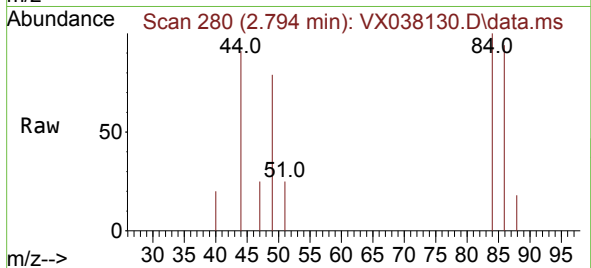




#20
Methylene Chloride
Concen: 0.433 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

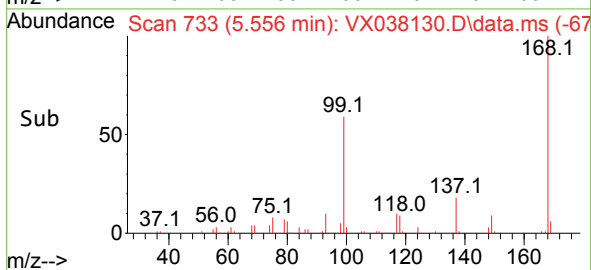
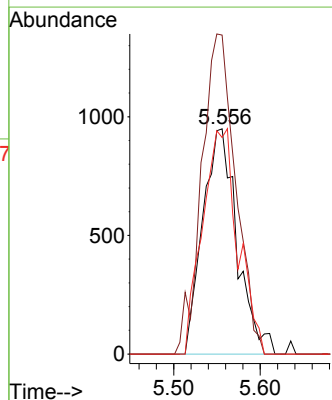
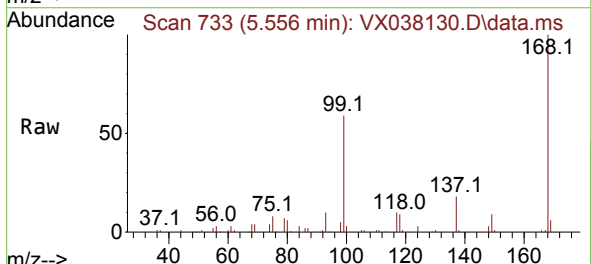
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

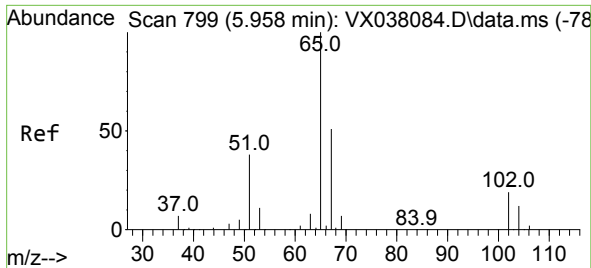
Tgt Ion:	84	Resp:	541
Ion	Ratio	Lower	Upper
84	100		
49	79.1	103.6	155.4#
51	24.5	33.8	50.6#
86	93.9	49.4	74.0#



#31
Cyclohexane
Concen: 1.510 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

Tgt Ion:	56	Resp:	2605
Ion	Ratio	Lower	Upper
56	100		
69	141.6	23.4	35.2#
84	96.2	65.9	98.9

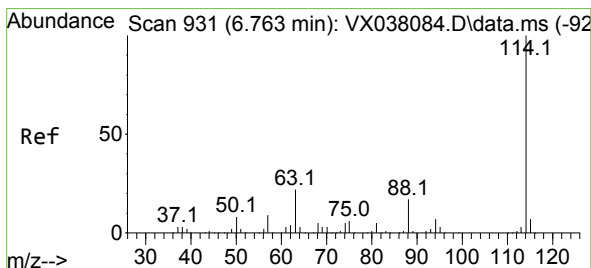
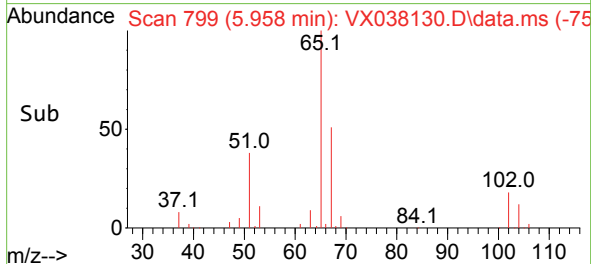
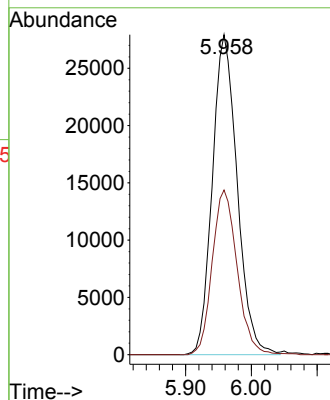
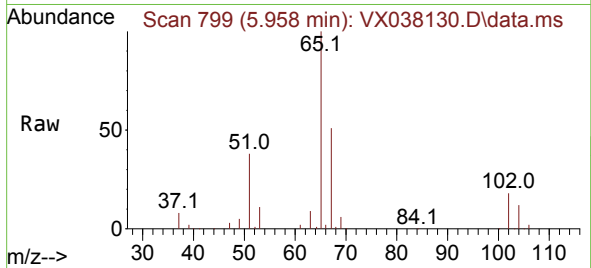




#33
1,2-Dichloroethane-d4
Concen: 46.055 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

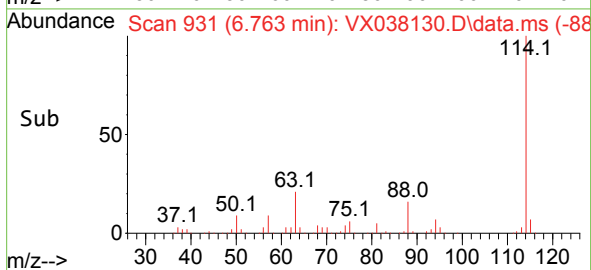
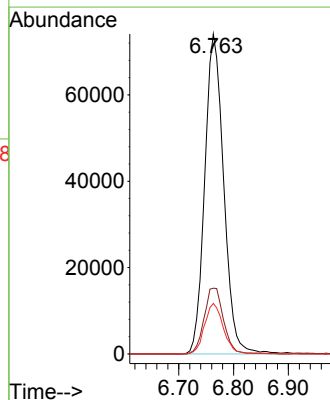
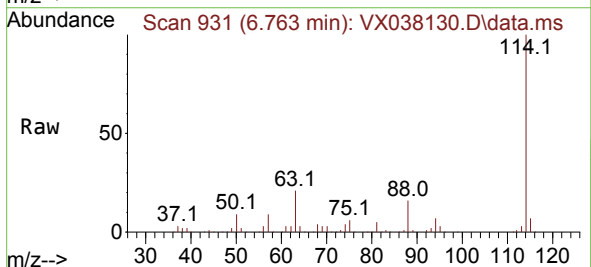
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ClientSampleId :
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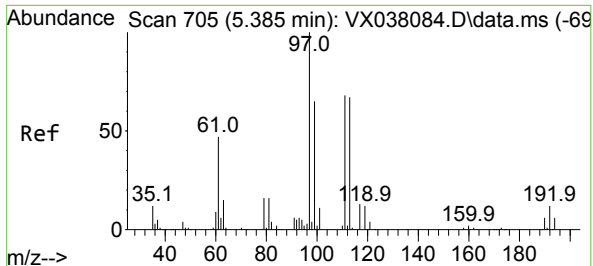
Tgt Ion: 65 Resp: 73335
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

Tgt Ion: 114 Resp: 177938
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.8 0.0 36.6

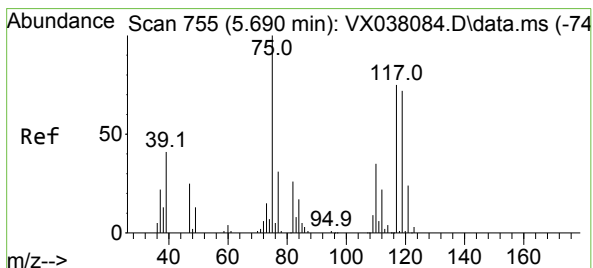
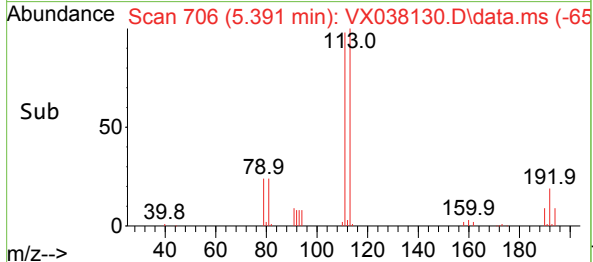
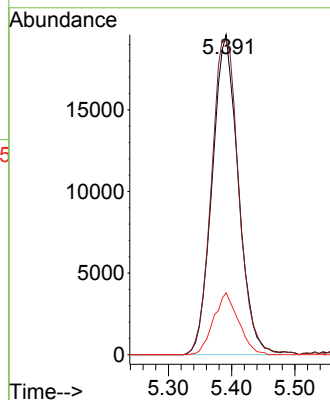
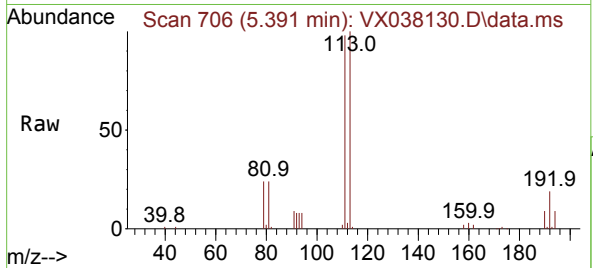




#35
Dibromofluoromethane
Concen: 43.835 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

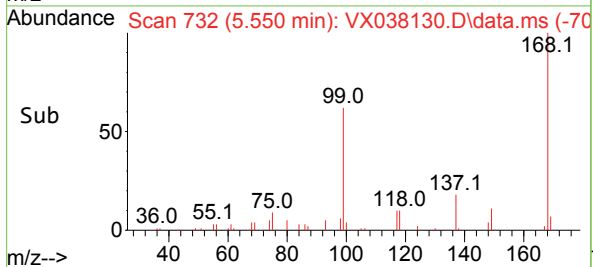
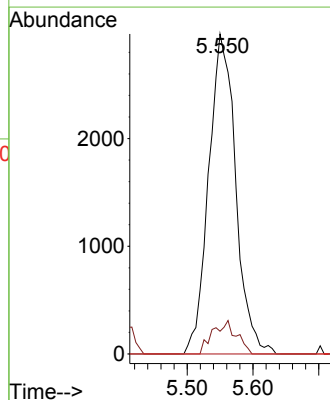
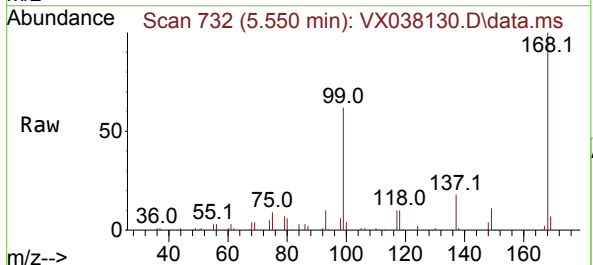
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ClientSampleId :
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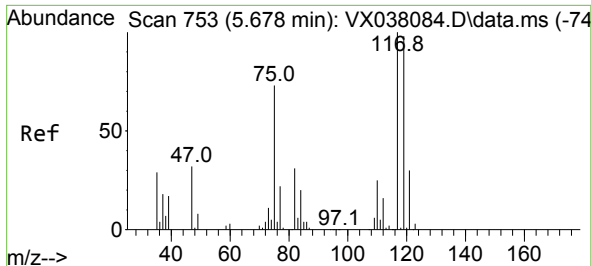
Tgt Ion:113 Resp: 56203
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

Tgt Ion: 75 Resp: 8505
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#

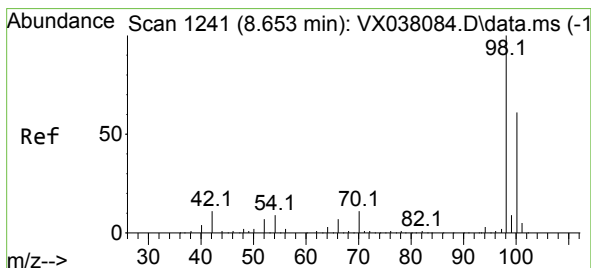
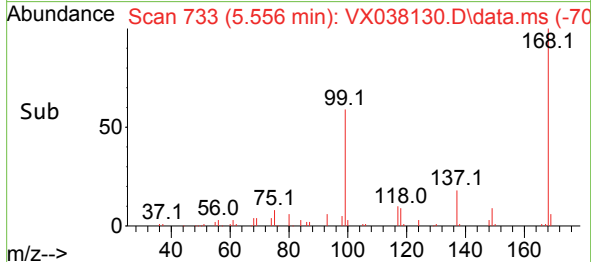
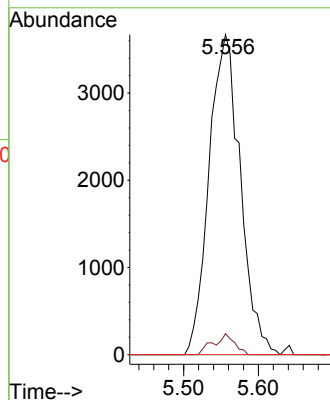
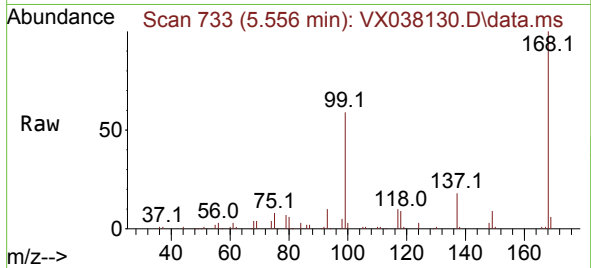




#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

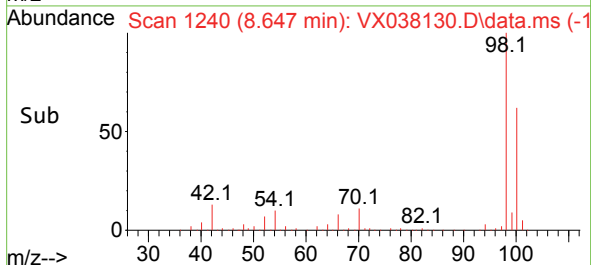
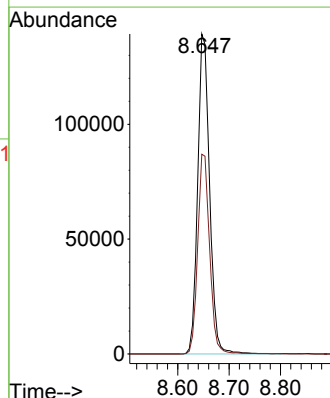
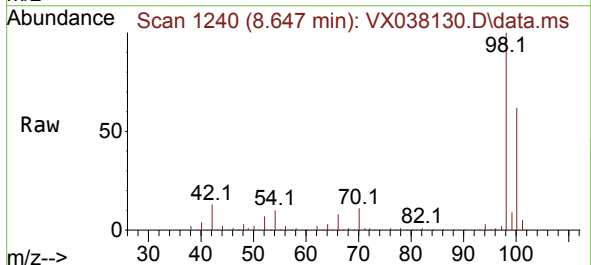
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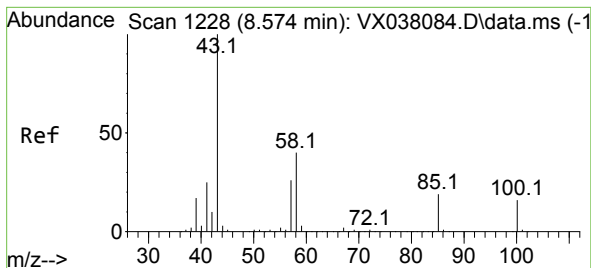
Tgt Ion:117 Resp: 10655
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.736 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

Tgt Ion: 98 Resp: 224083
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7

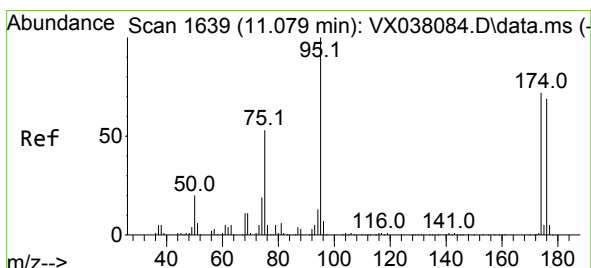
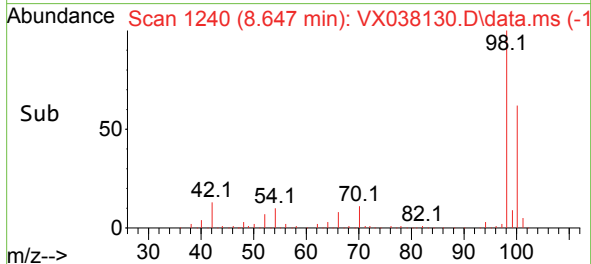
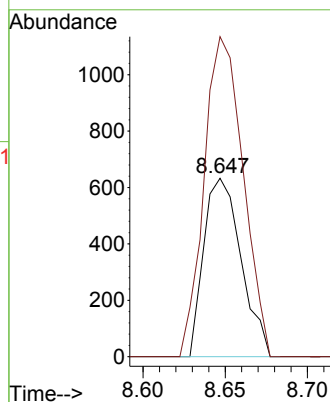
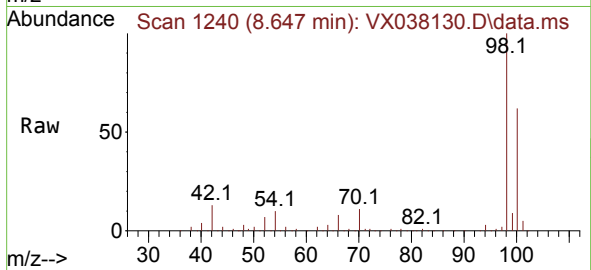




#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.647 min Scan# 1130
Delta R.T. 0.073 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

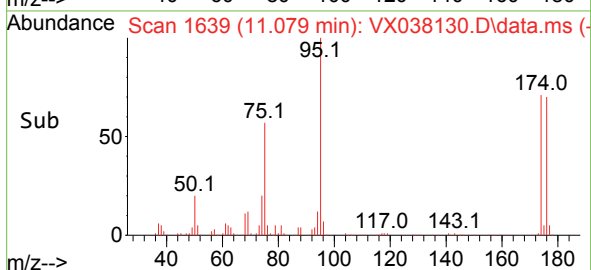
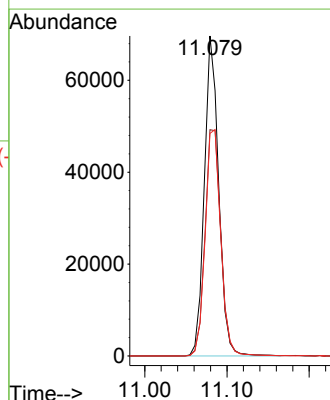
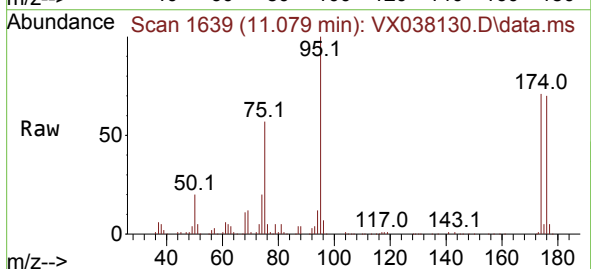
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

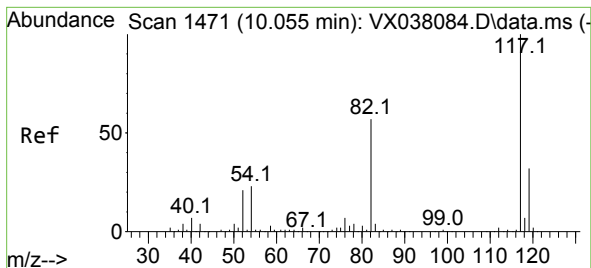
Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 188.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.328 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

Tgt Ion: 95 Resp: 84193
Ion Ratio Lower Upper
95 100
174 78.3 0.0 135.6
176 76.9 0.0 131.0

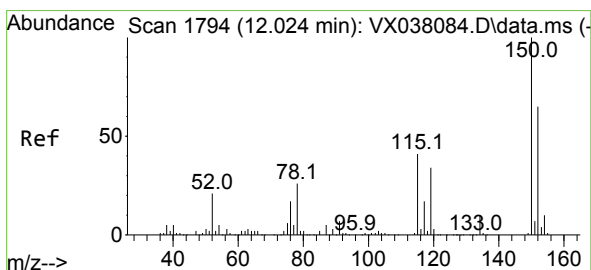
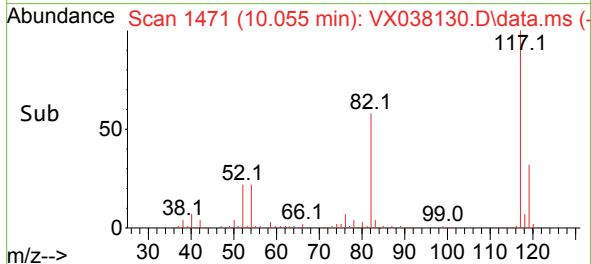
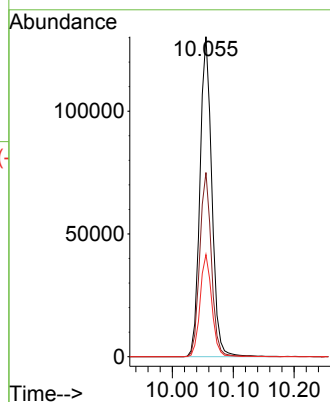
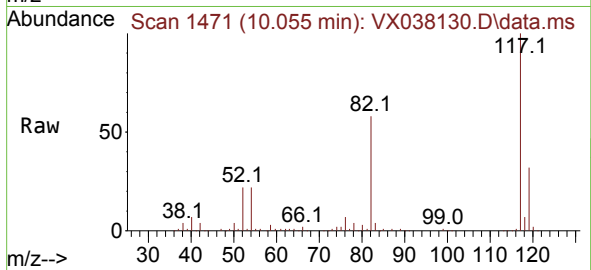




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

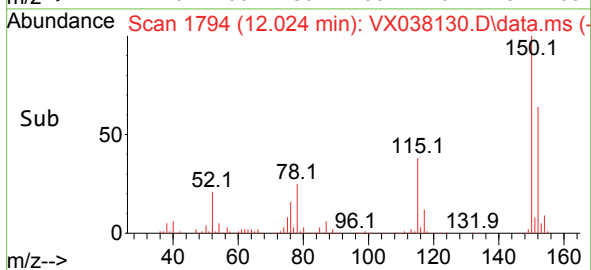
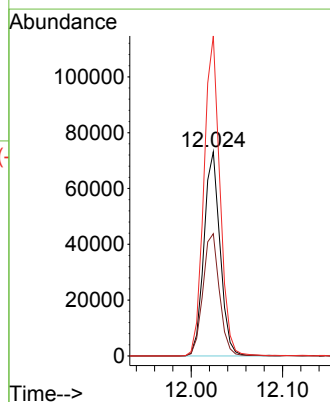
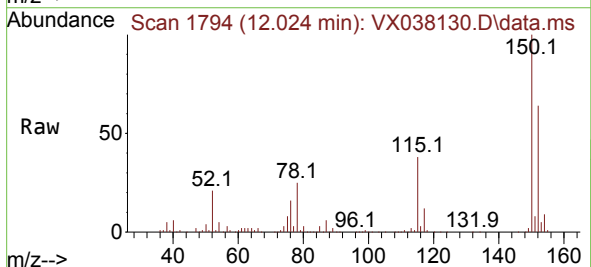
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

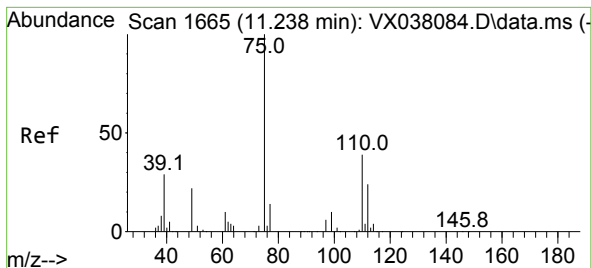
Tgt Ion:117 Resp: 176498
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038130.D
Acq: 06 Oct 2023 14:57

Tgt Ion:152 Resp: 89448
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.405 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038130.D

Acq: 06 Oct 2023 14:57

Instrument :

MSVOA_X

ClientSampleId :

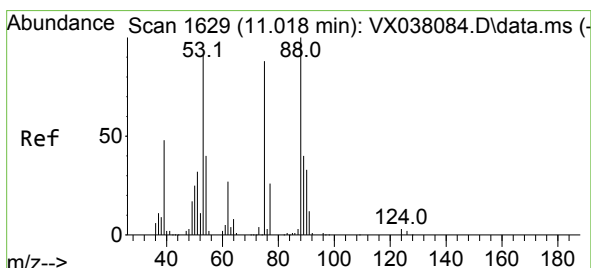
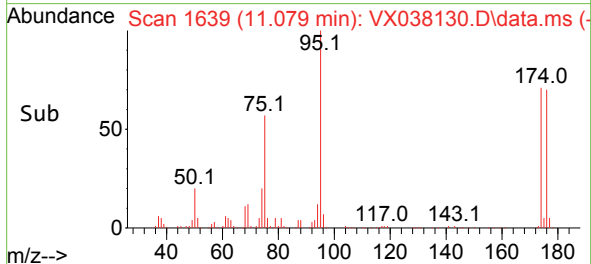
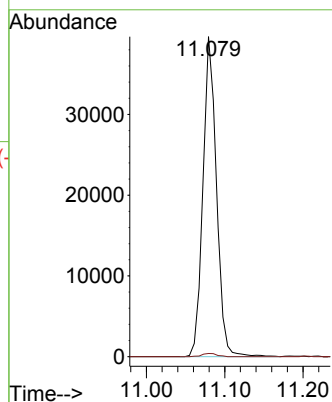
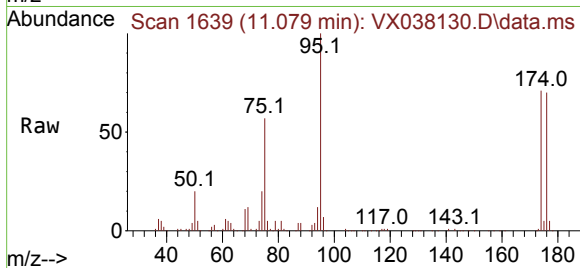
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 47594

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.862 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038130.D

Acq: 06 Oct 2023 14:57

Tgt Ion: 75 Resp: 47594

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

