

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038650.D
 Acq On : 08 Nov 2023 12:59
 Operator : JC/MD
 Sample : 05238-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 09 01:19:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

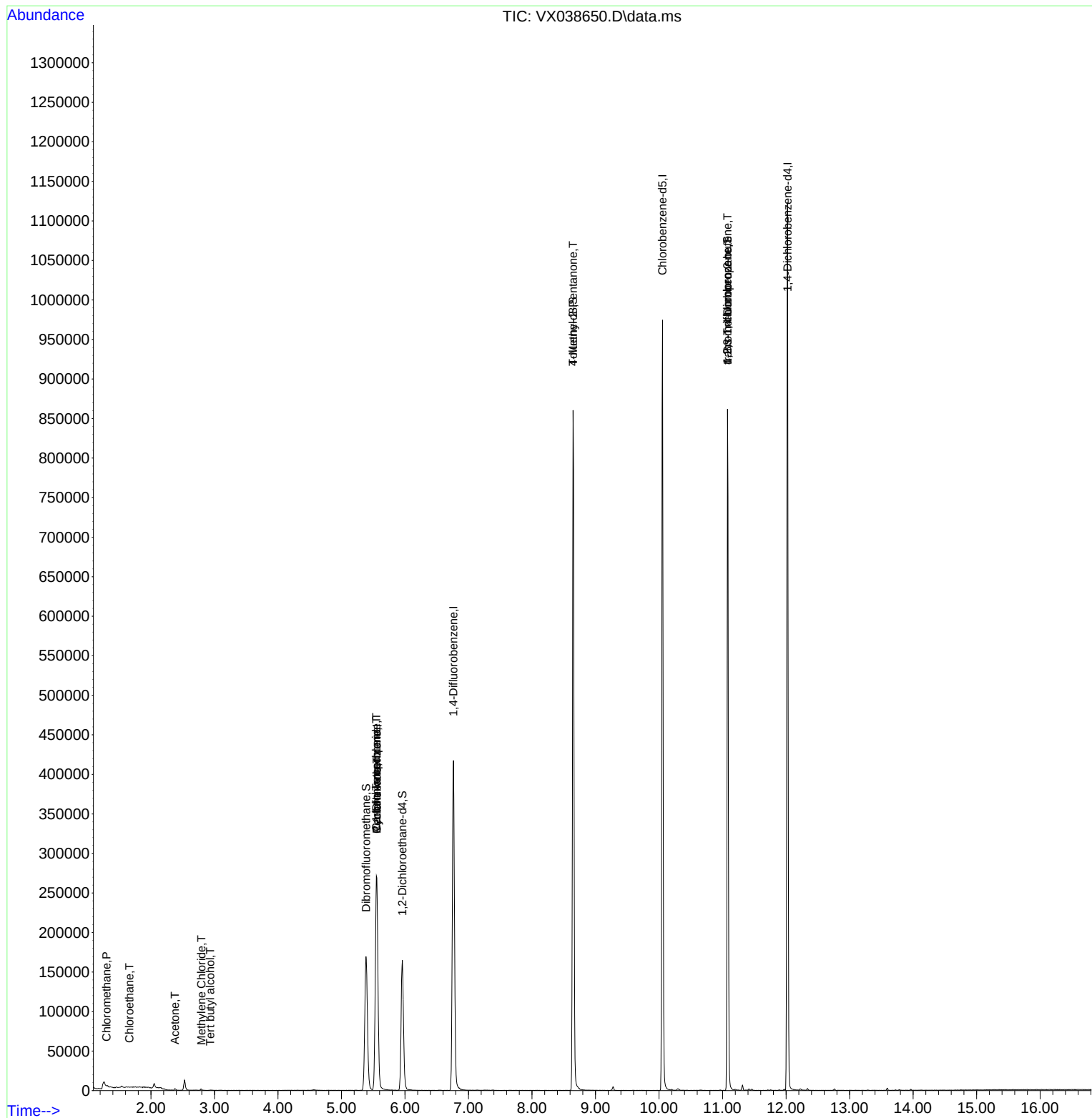
Internal Standards						
1) Pentafluorobenzene	5.556	168	283170	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	463000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	469858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	162242	46.021	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.040%
35) Dibromofluoromethane	5.385	113	151776	45.515	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.020%
50) Toluene-d8	8.647	98	544190	45.605	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	231425	50.022	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	524	0.206	ug/l	96
6) Chloroethane	1.660	64	504	0.294	ug/l	# 57
11) Tert butyl alcohol	2.934	59	291	0.404	ug/l	# 78
16) Acetone	2.380	43	2186	1.472	ug/l	94
20) Methylene Chloride	2.794	84	770	0.257	ug/l	# 69
31) Cyclohexane	5.556	56	4692	1.203	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18163	4.385	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	27095	5.851	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1975	0.466	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	113978	21.548	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	113978	65.307	ug/l	# 5

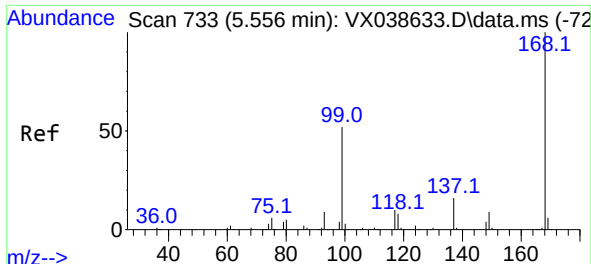
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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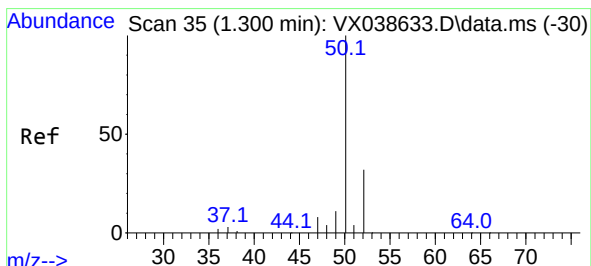
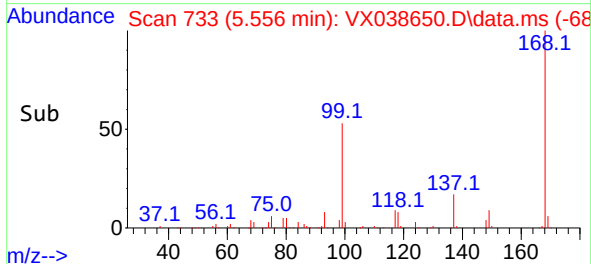
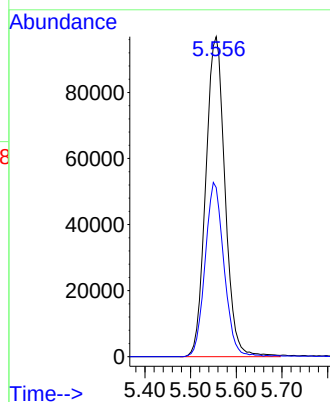
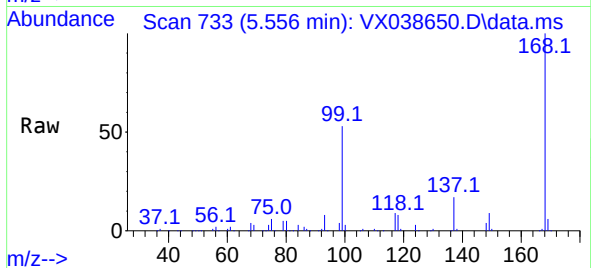




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

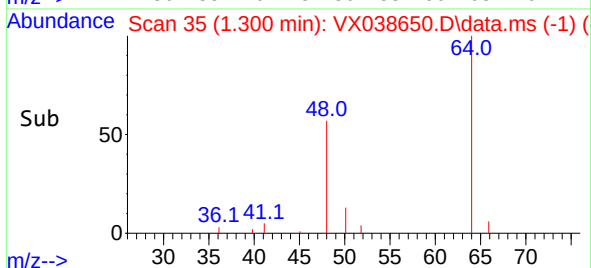
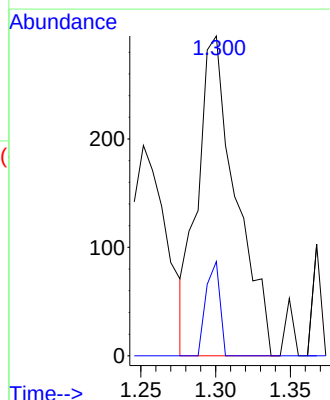
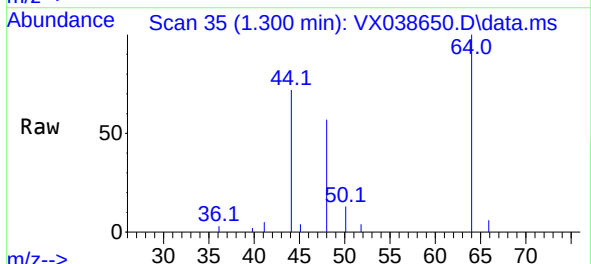
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

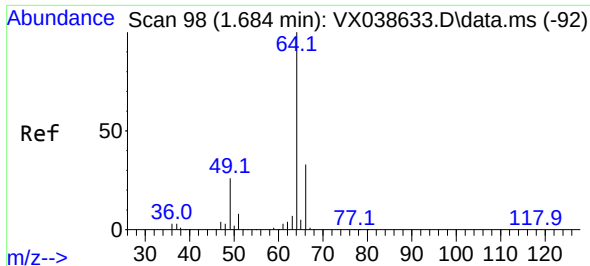
Tgt Ion:168 Resp: 283170
Ion Ratio Lower Upper
168 100
99 52.9 56.6 85.0#



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

Tgt Ion: 50 Resp: 524
Ion Ratio Lower Upper
50 100
52 29.5 25.5 38.3

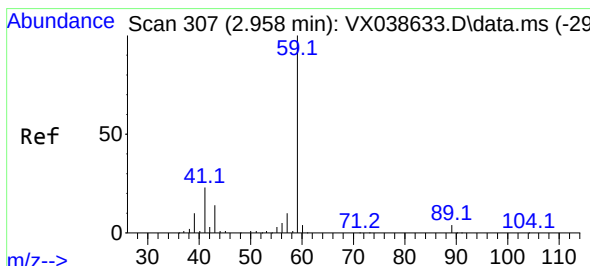
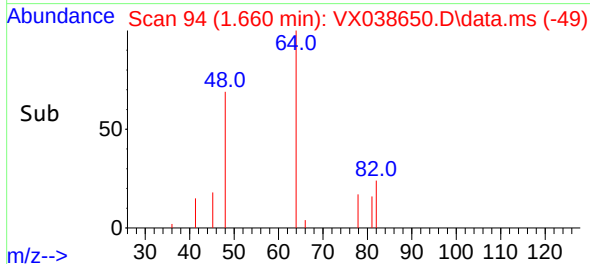
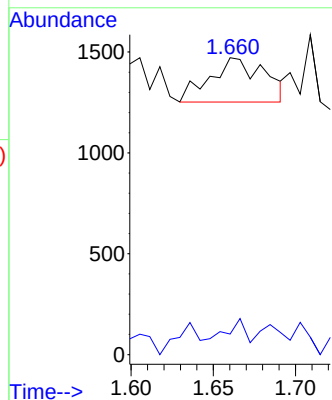
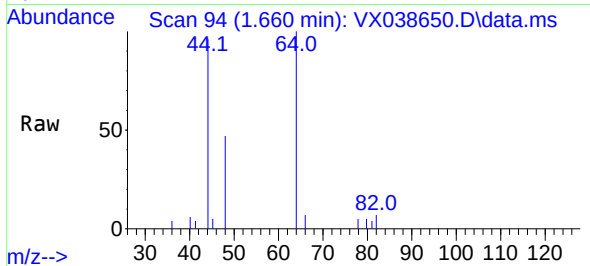




#6
Chloroethane
Concen: 0.294 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

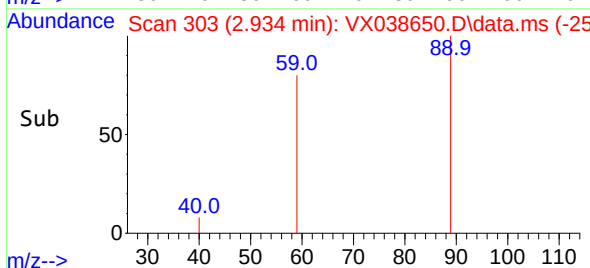
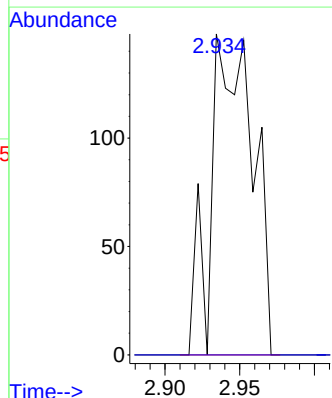
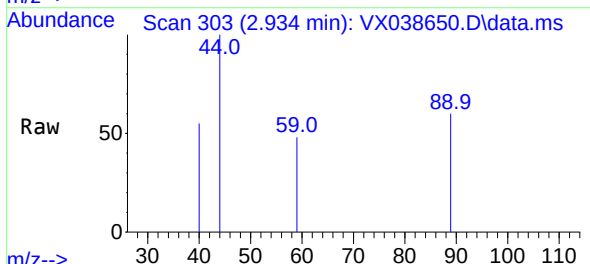
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

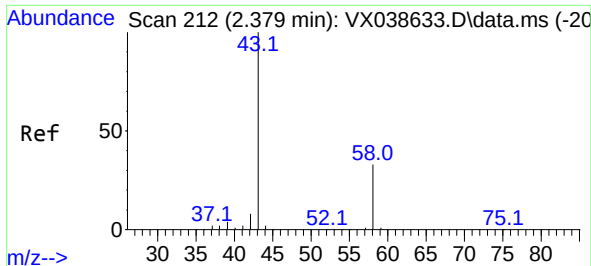
Tgt Ion: 64 Resp: 504
Ion Ratio Lower Upper
64 100
66 7.7 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.404 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.024 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

Tgt Ion: 59 Resp: 291
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

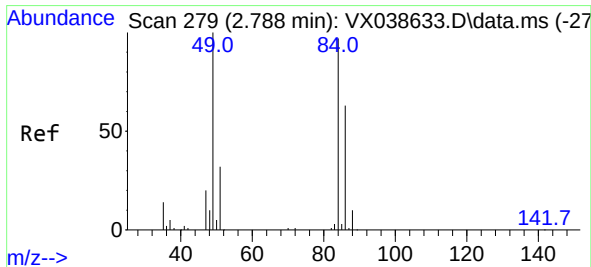
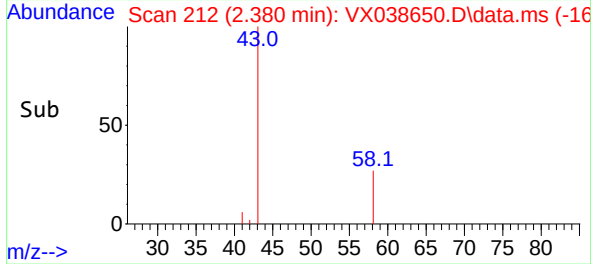
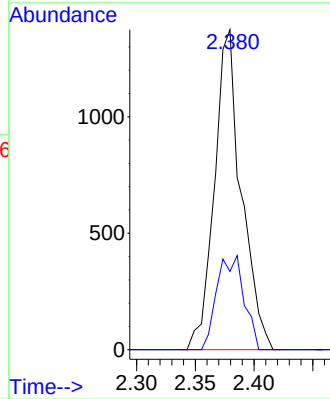
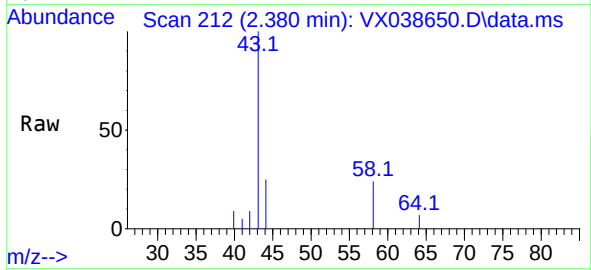




#16
Acetone
Concen: 1.472 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

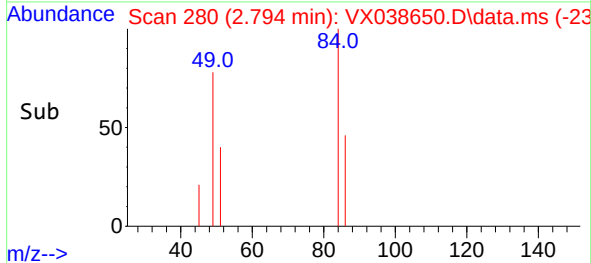
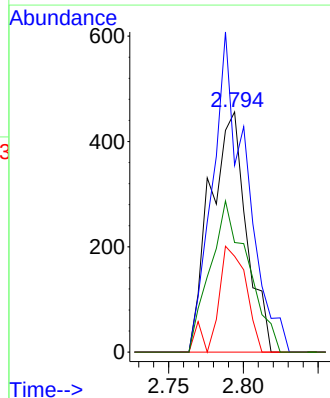
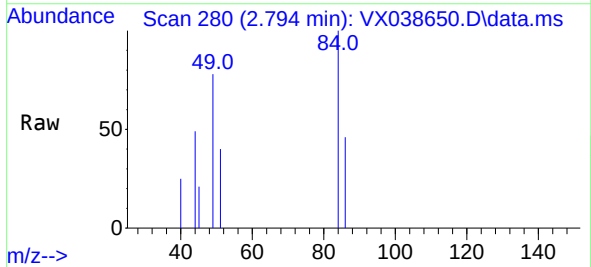
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

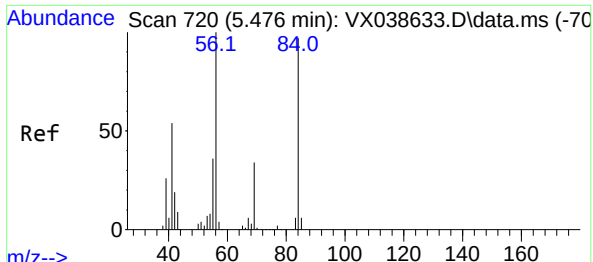
Tgt Ion: 43 Resp: 2186
Ion Ratio Lower Upper
43 100
58 24.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

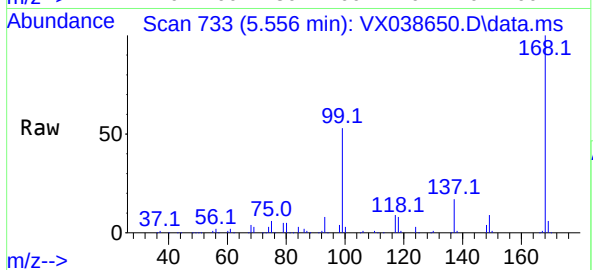
Tgt Ion: 84 Resp: 770
Ion Ratio Lower Upper
84 100
49 77.9 103.6 155.4#
51 39.9 33.8 50.6
86 45.6 49.4 74.0#



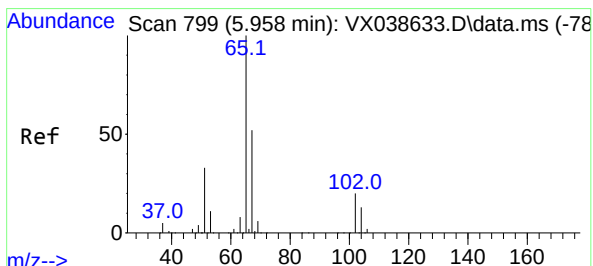
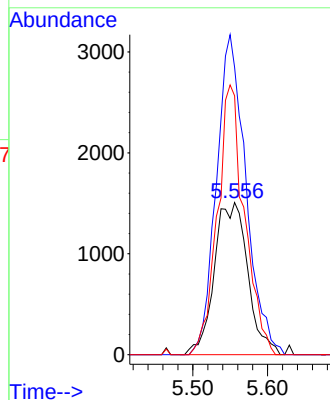
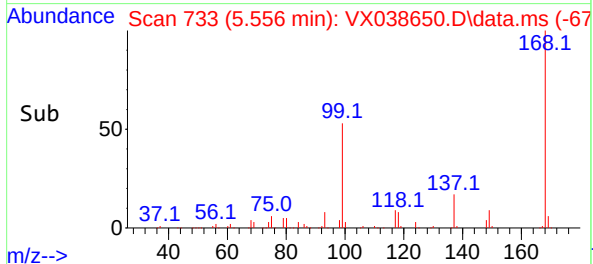


#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

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

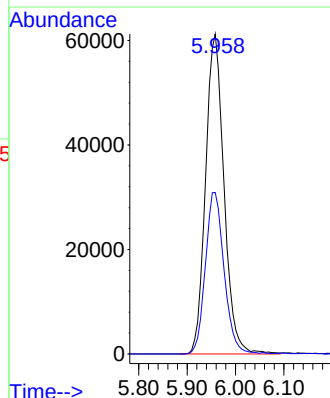
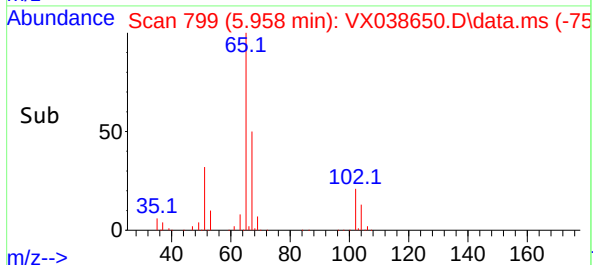
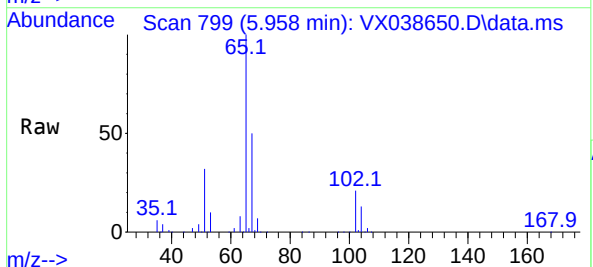


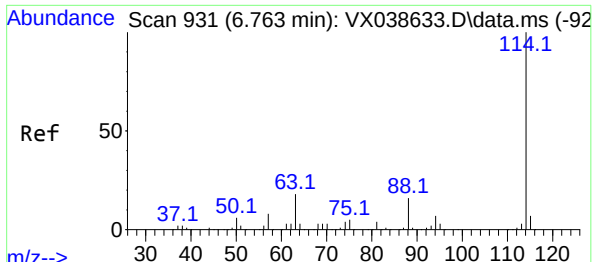
Tgt Ion: 56 Resp: 4692
Ion Ratio Lower Upper
56 100
69 188.8 23.4 35.2#
84 170.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.021 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

Tgt Ion: 65 Resp: 162242
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

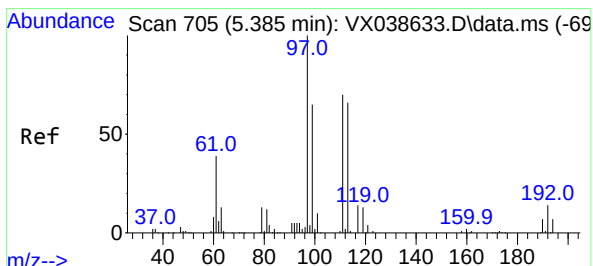
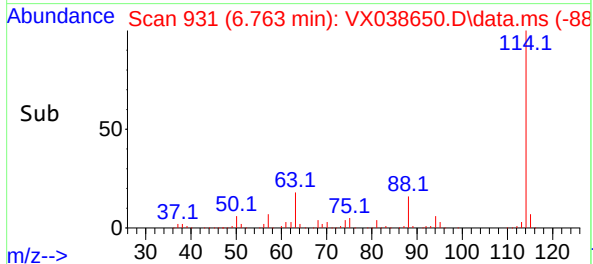
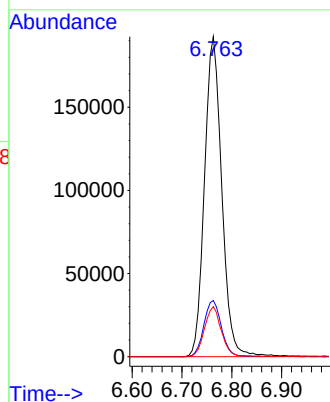
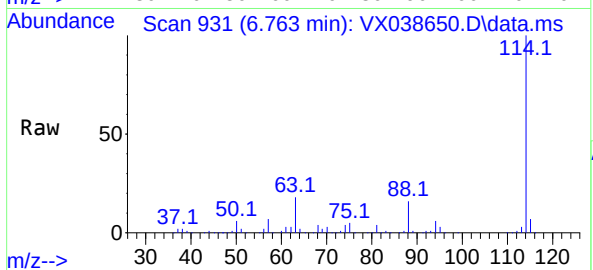




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

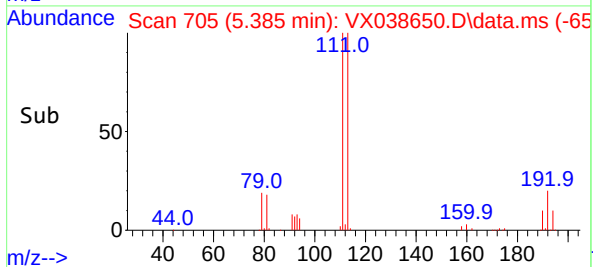
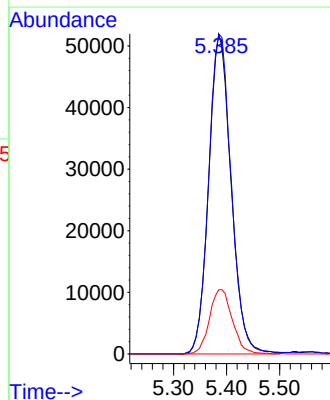
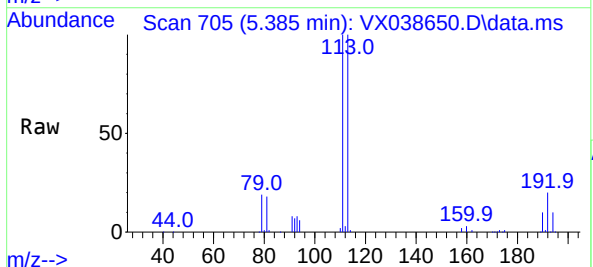
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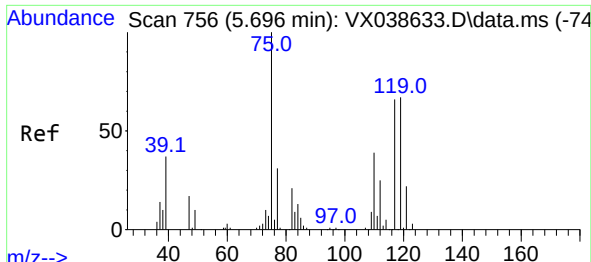
Tgt Ion:114 Resp: 463000
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.515 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

Tgt Ion:113 Resp: 151776
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 20.6 13.3 19.9#

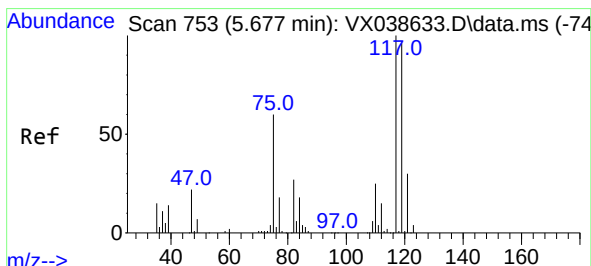
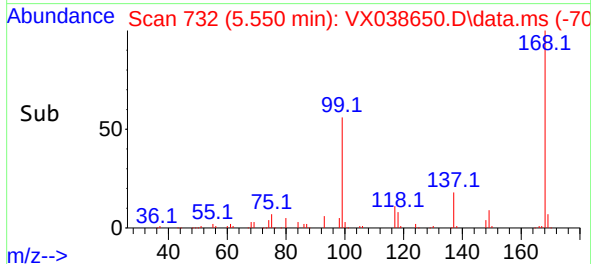
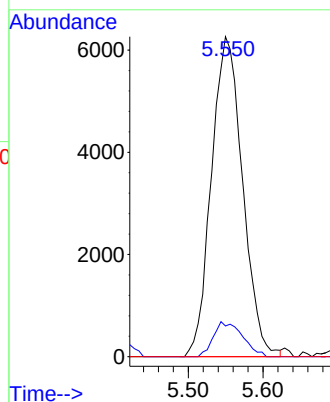
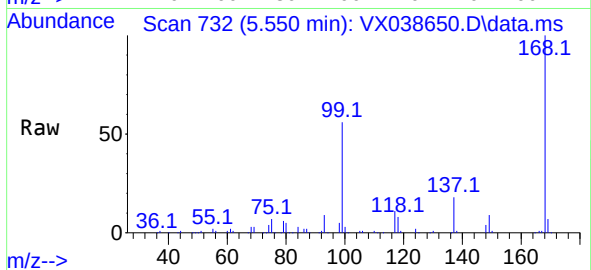




#36
1,1-Dichloropropene
Concen: 4.385 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

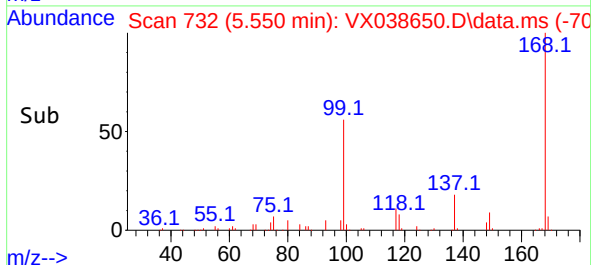
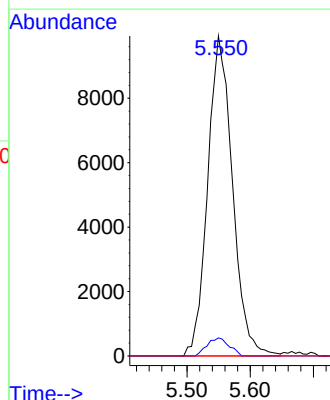
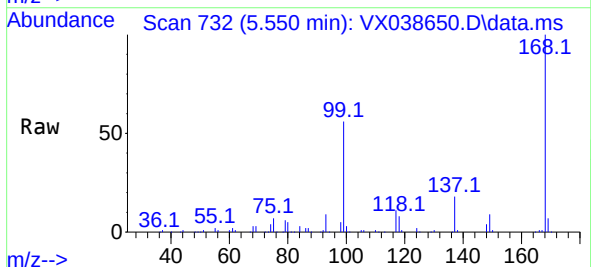
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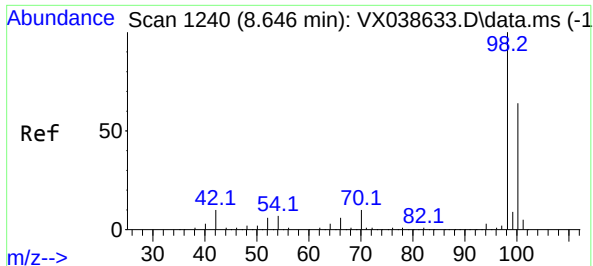
Tgt Ion: 75 Resp: 18163
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

Tgt Ion: 117 Resp: 27095
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.605 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038650.D

Acq: 08 Nov 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

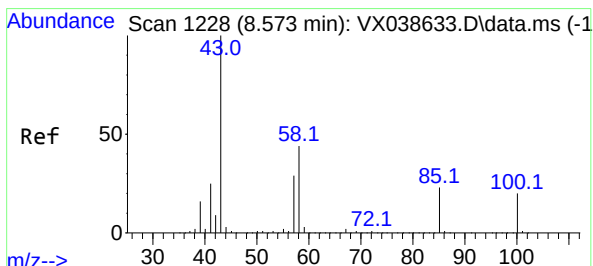
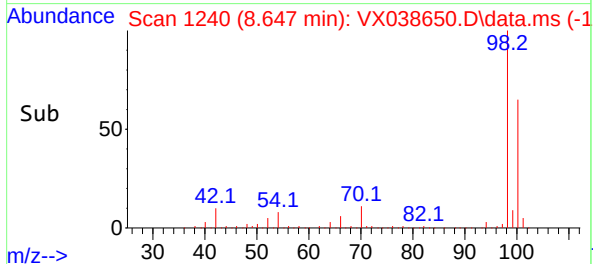
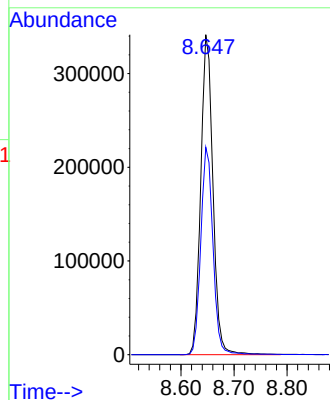
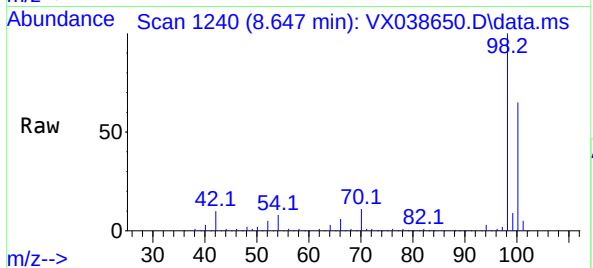
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 544190

Ion Ratio Lower Upper

98 100

100 65.1 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.466 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038650.D

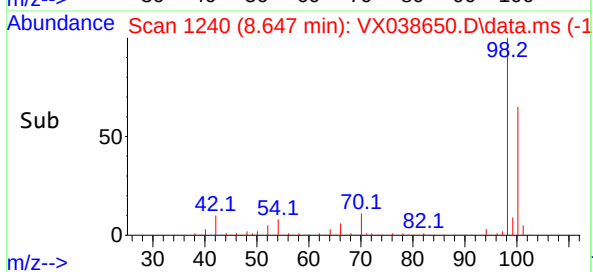
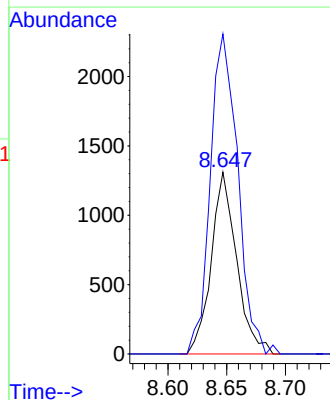
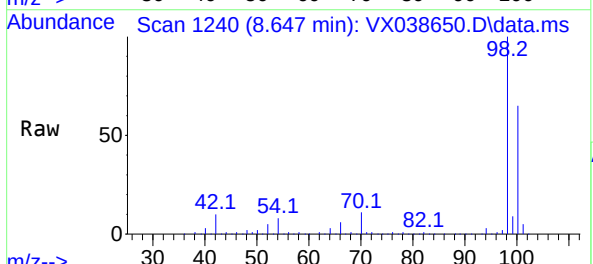
Acq: 08 Nov 2023 12:59

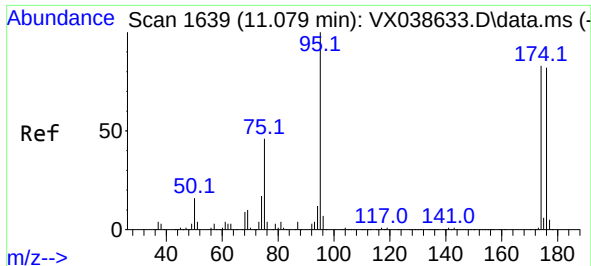
Tgt Ion: 43 Resp: 1975

Ion Ratio Lower Upper

43 100

58 190.1 30.4 45.6#

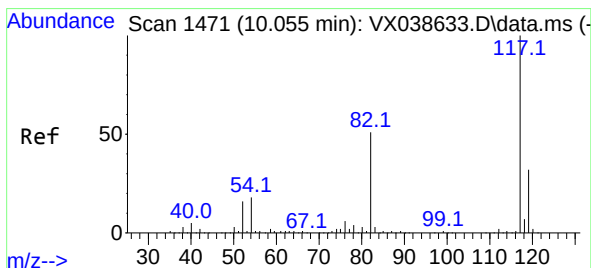
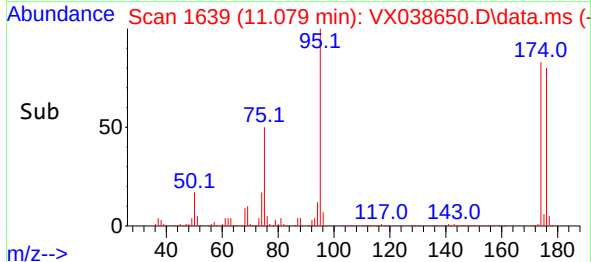
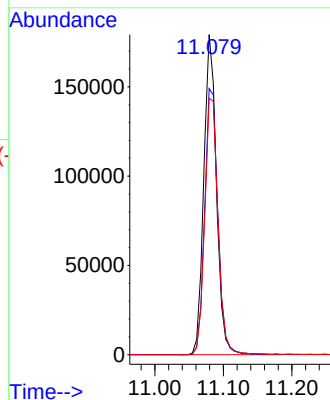
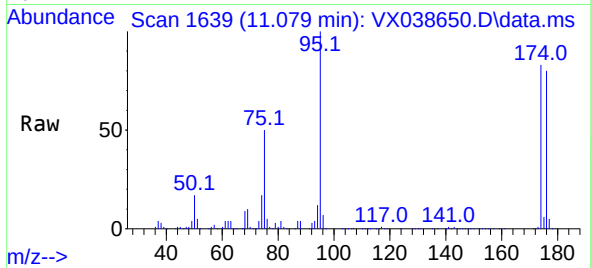




#62
4-Bromofluorobenzene
Concen: 50.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

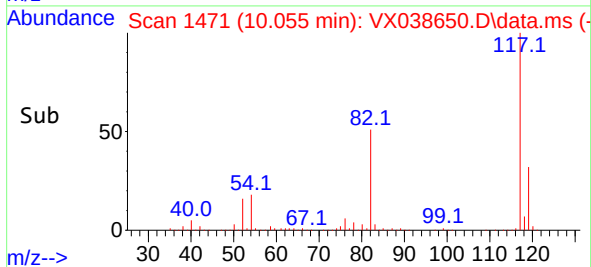
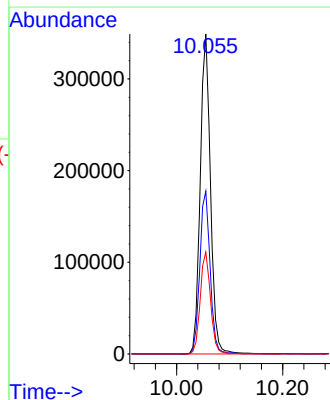
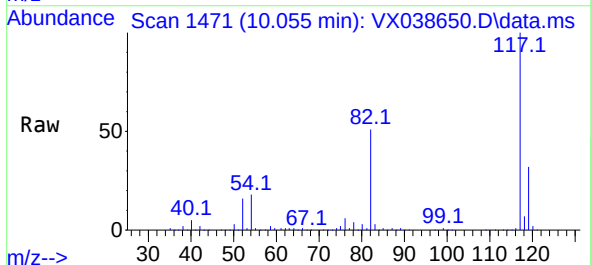
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

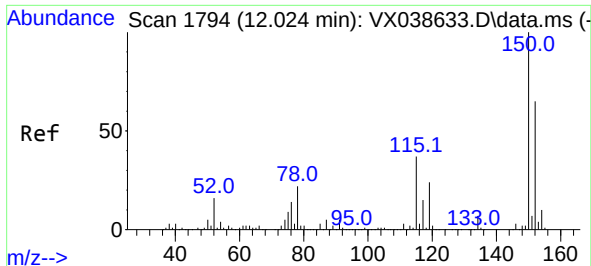
Tgt Ion: 95 Resp: 231425
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 83.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

Tgt Ion: 117 Resp: 469858
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 31.8 25.5 38.3

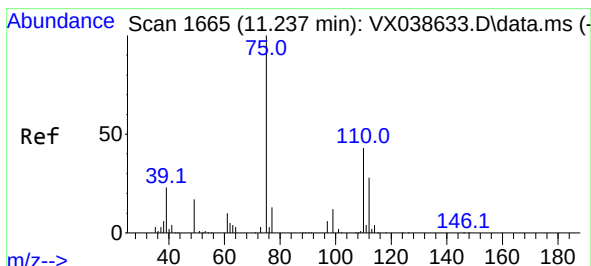
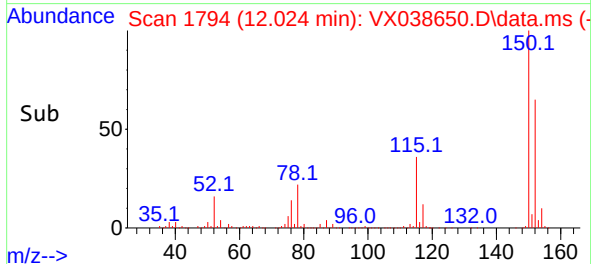
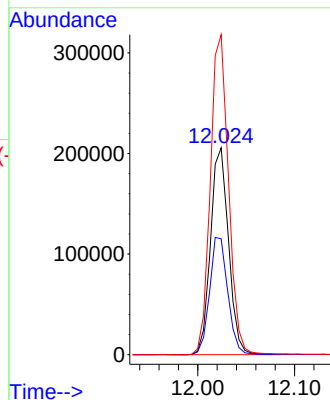
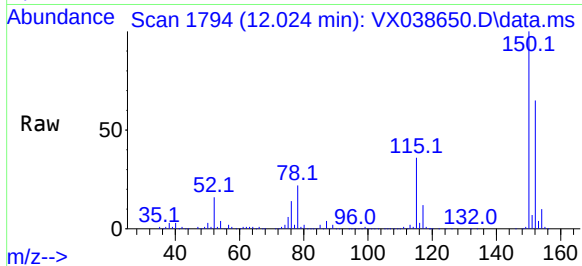




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

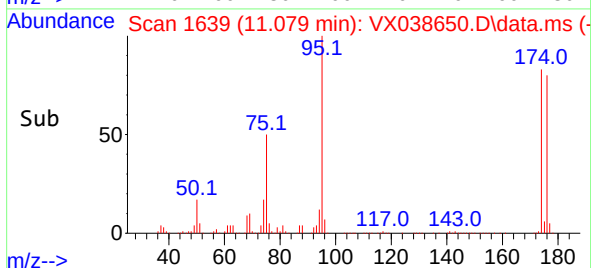
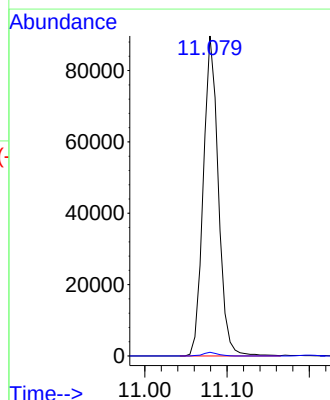
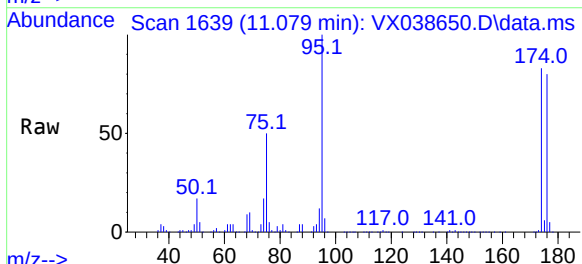
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

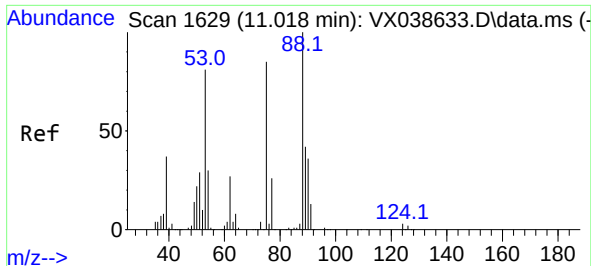
Tgt Ion:152 Resp: 267082
Ion Ratio Lower Upper
152 100
115 57.4 43.3 129.9
150 156.0 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 21.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

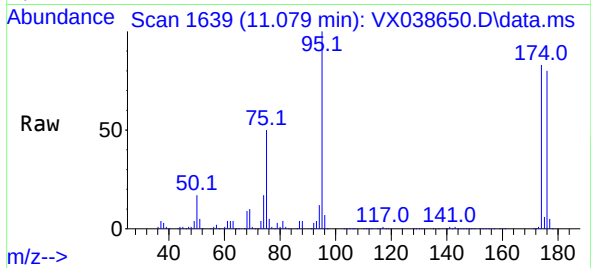
Tgt Ion: 75 Resp: 113978
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.307 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038650.D
Acq: 08 Nov 2023 12:59

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



Tgt Ion: 75 Resp: 113978
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

