

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038283.D
 Acq On : 13 Oct 2023 14:43
 Operator : JC/MD
 Sample : 04889-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 13 23:12:35 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	5.550	168	115221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83624	45.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.240%
35) Dibromofluoromethane	5.385	113	68378	45.187	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.380%
50) Toluene-d8	8.647	98	260556	45.061	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.120%#
62) 4-Bromofluorobenzene	11.079	95	96583	44.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.120%

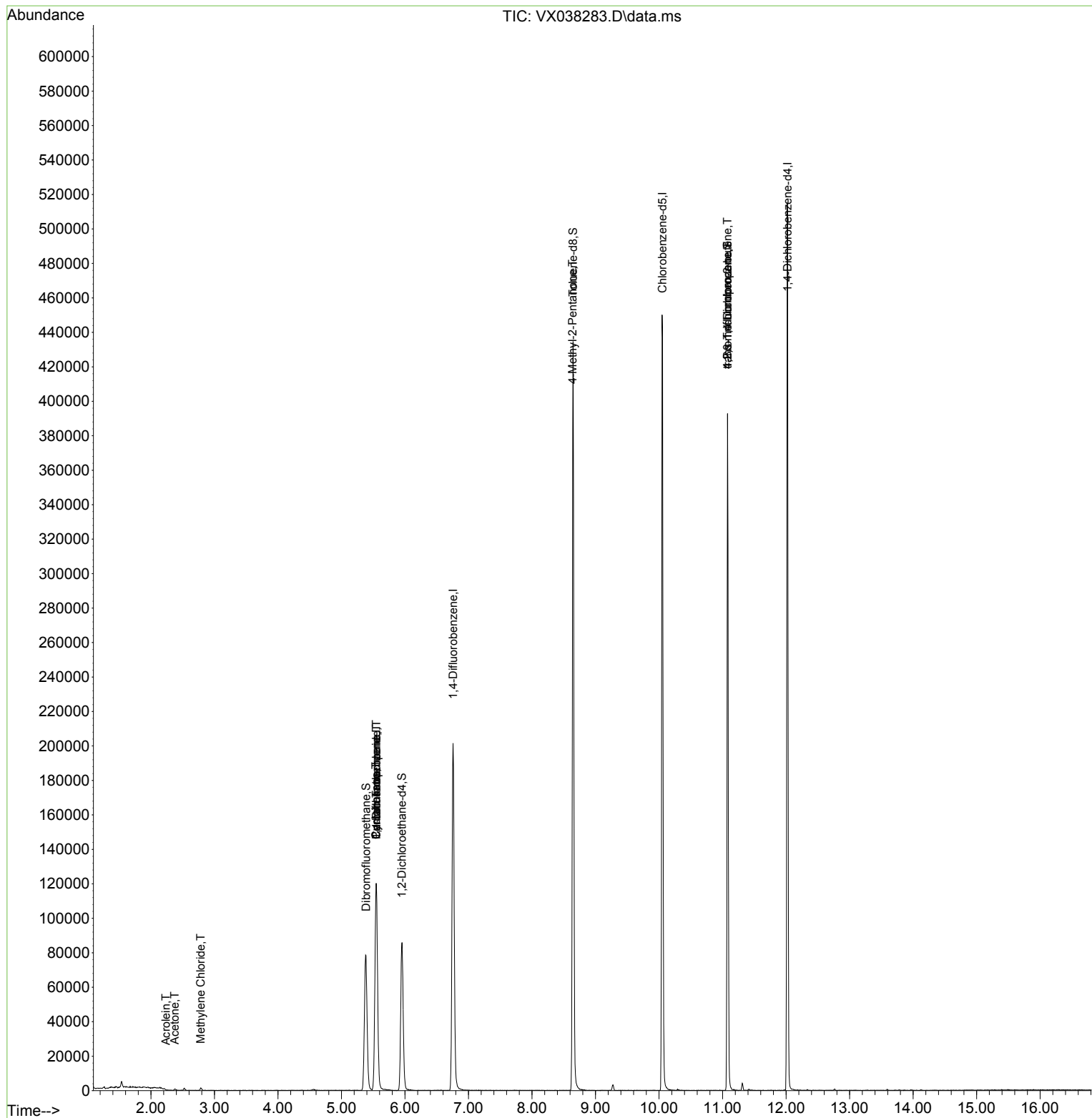
Target Compounds					Qvalue	
6) Chloroethane	1.672	64	91	Below Cal	#	43
13) Acrolein	2.233	56	61	0.232	ug/l #	14
16) Acetone	2.373	43	774	1.001	ug/l #	83
20) Methylene Chloride	2.782	84	634	0.436	ug/l #	71
31) Cyclohexane	5.544	56	2839	1.414	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10005	4.795	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11555	5.629	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1208	0.473	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54097	22.444	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54097	64.282	ug/l #	5

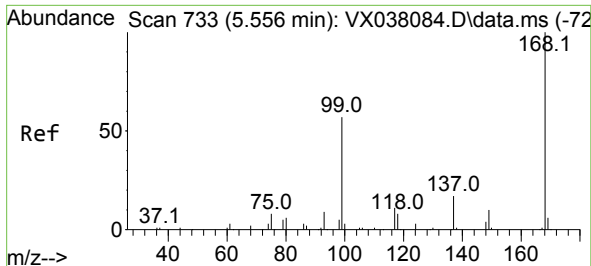
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

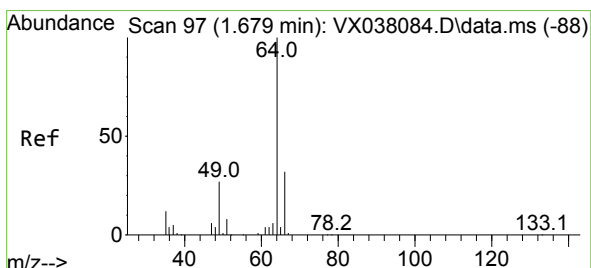
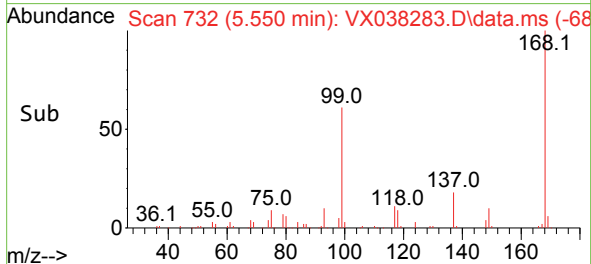
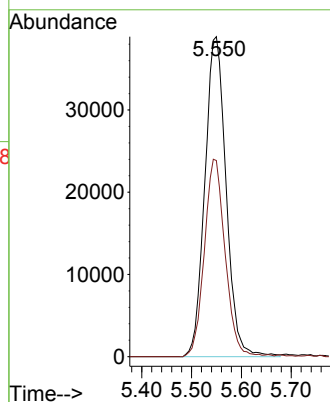
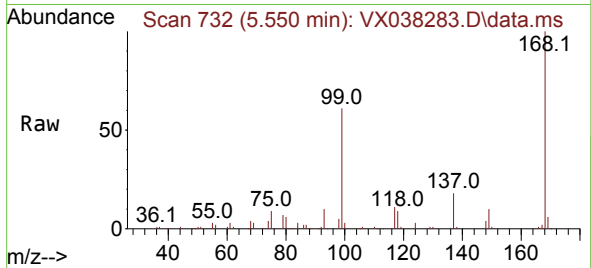




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

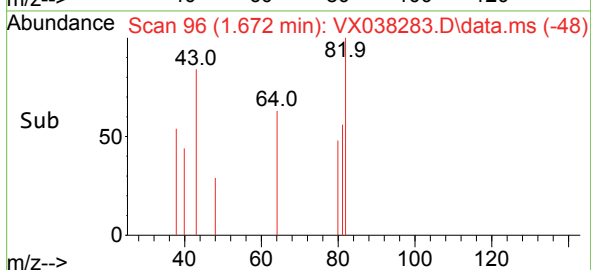
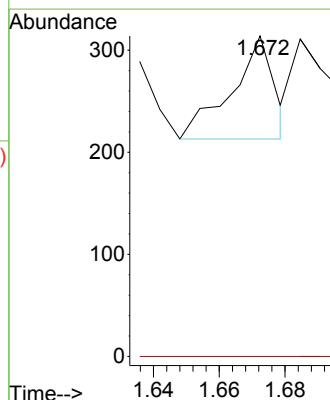
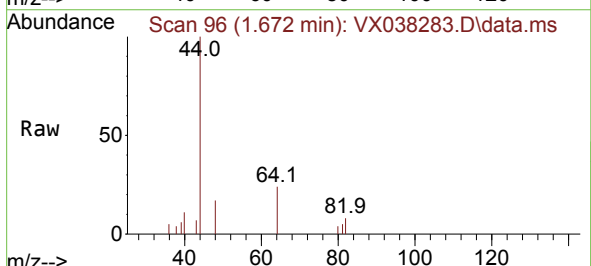
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

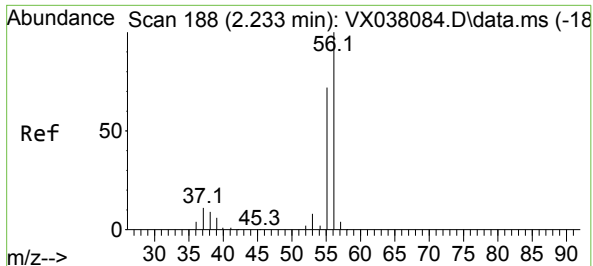
Tgt Ion:168 Resp: 115221
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

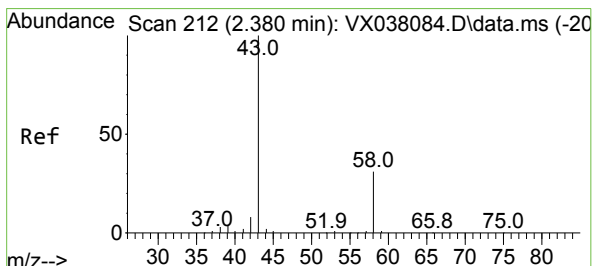
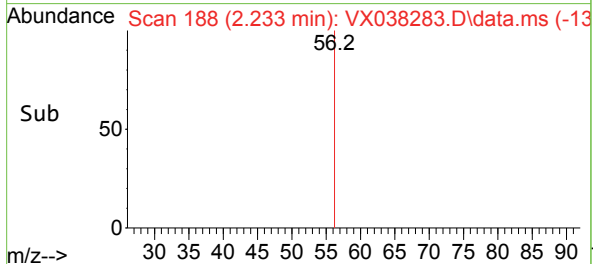
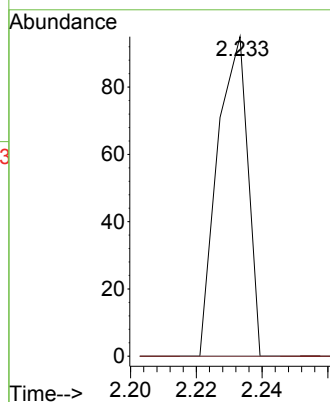
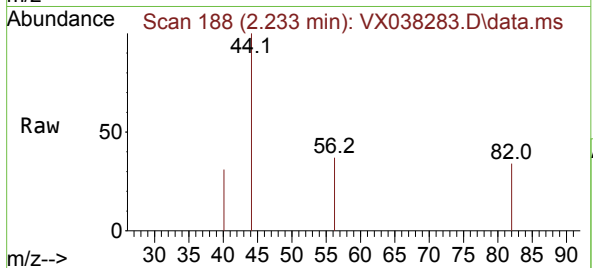




#13
Acrolein
Concen: 0.232 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

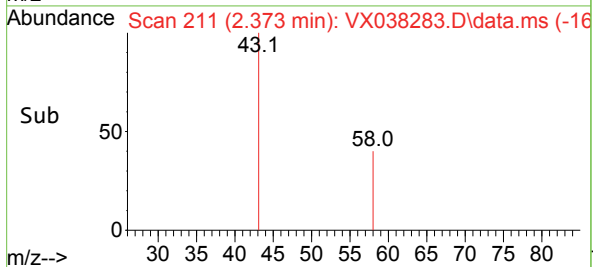
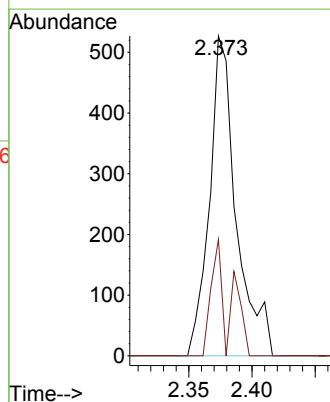
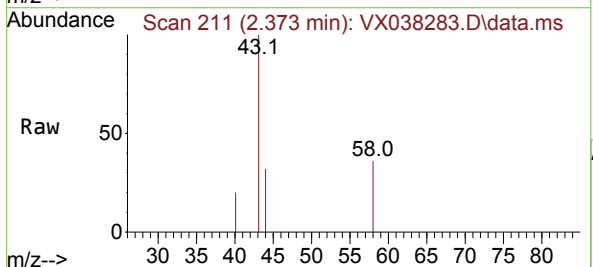
Instrument :
MSVOA_X
ClientSampleId :
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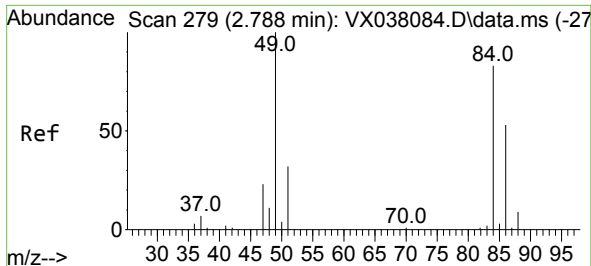
Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.001 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 36.4 21.9 32.9#



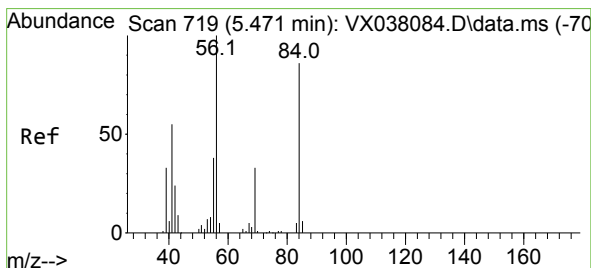
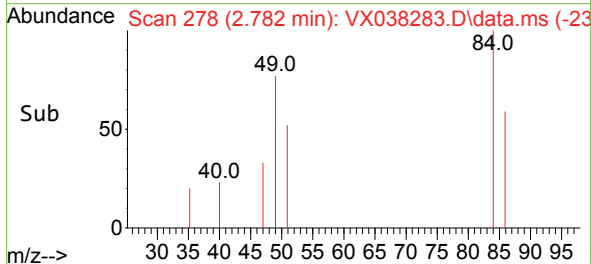
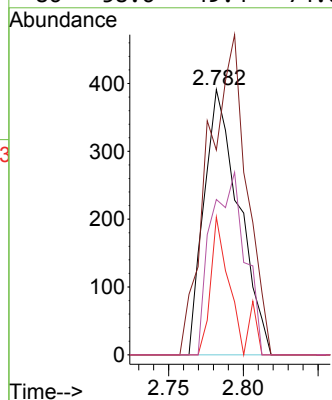
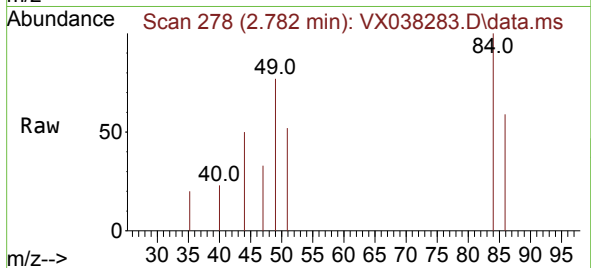


#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

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

Tgt Ion: 84 Resp: 634

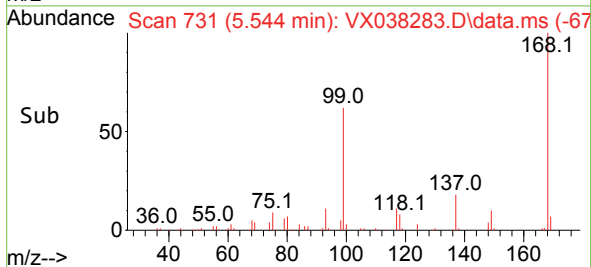
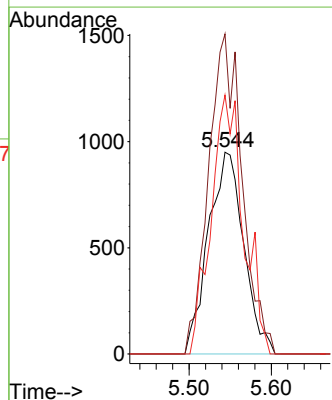
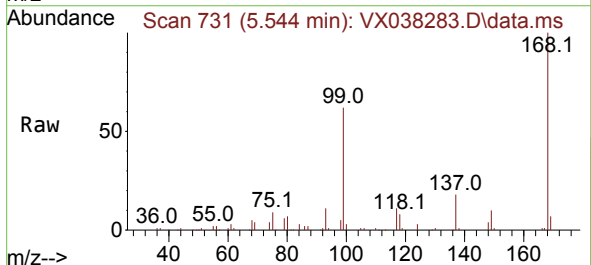
Ion	Ratio	Lower	Upper
84	100		
49	77.2	103.6	155.4#
51	51.9	33.8	50.6#
86	58.6	49.4	74.0

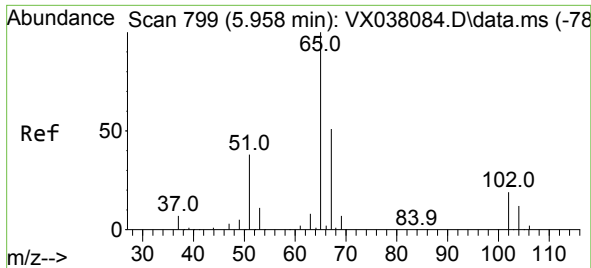


#31
Cyclohexane
Concen: 1.414 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

Tgt Ion: 56 Resp: 2839

Ion	Ratio	Lower	Upper
56	100		
69	158.6	23.4	35.2#
84	128.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.123 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX038283.D

Acq: 13 Oct 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

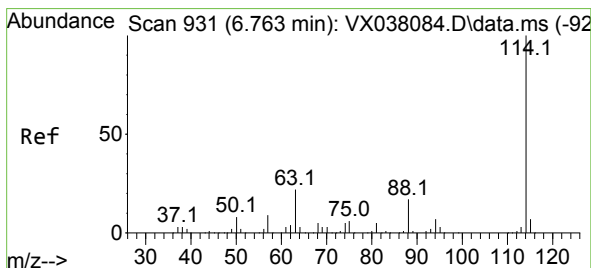
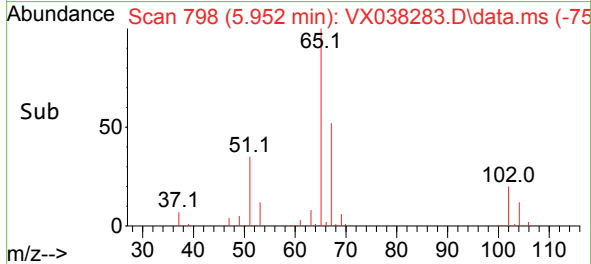
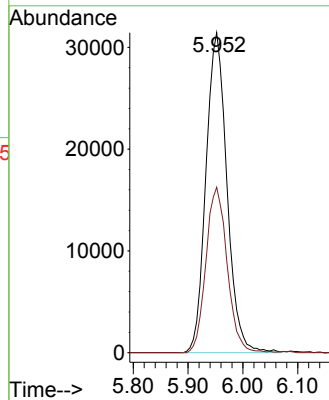
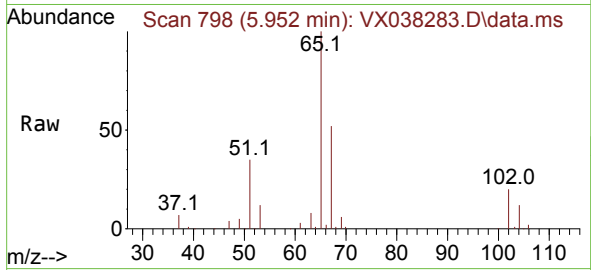
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 83624

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038283.D

Acq: 13 Oct 2023 14:43

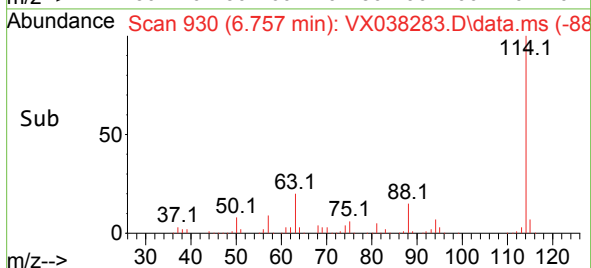
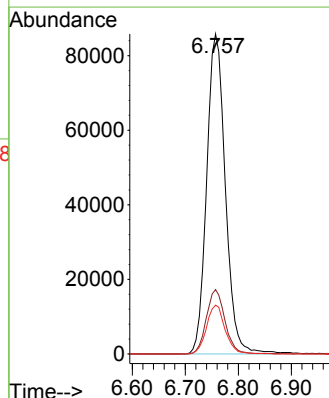
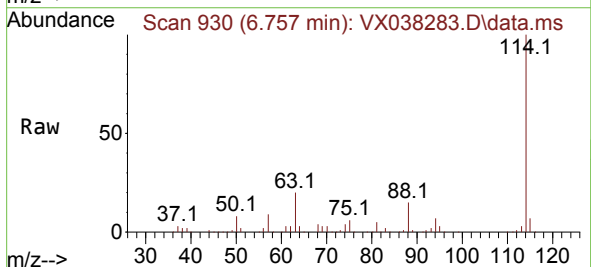
Tgt Ion: 114 Resp: 210004

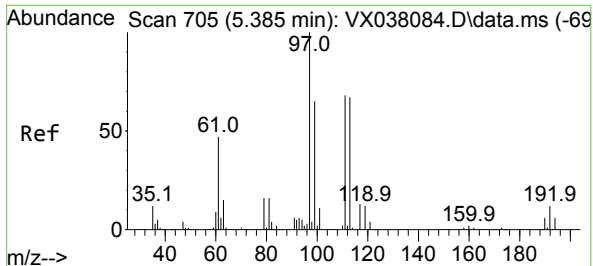
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.3 0.0 36.6

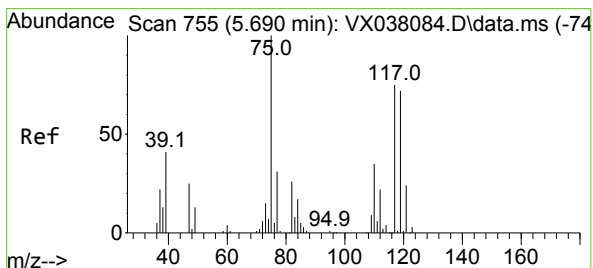
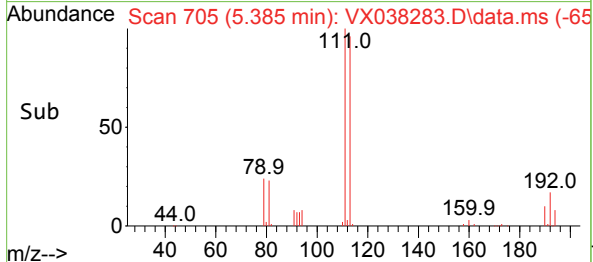
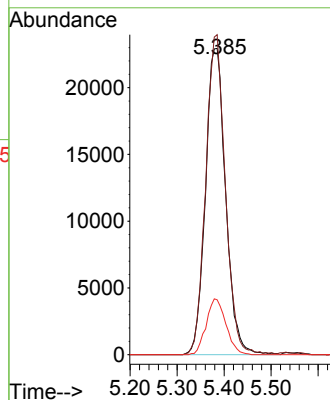
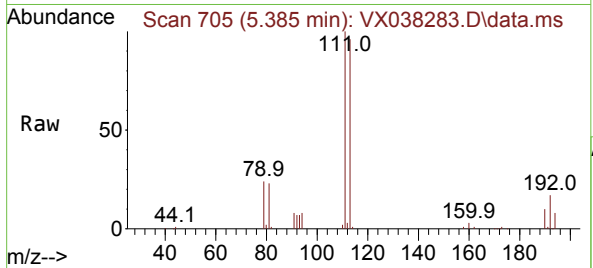




#35
Dibromofluoromethane
Concen: 45.187 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

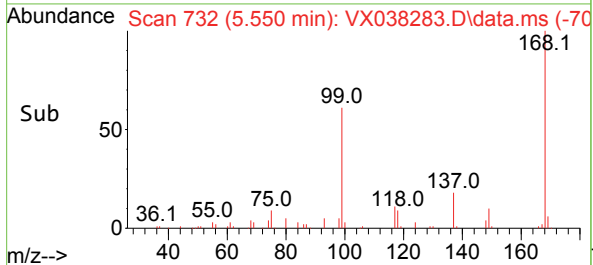
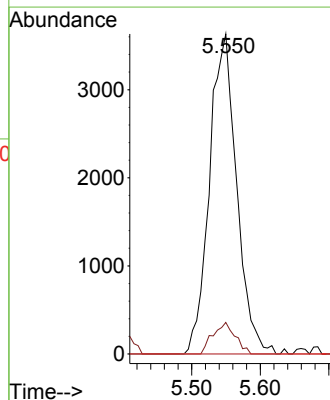
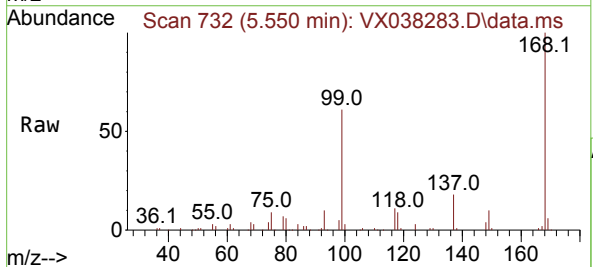
Instrument :
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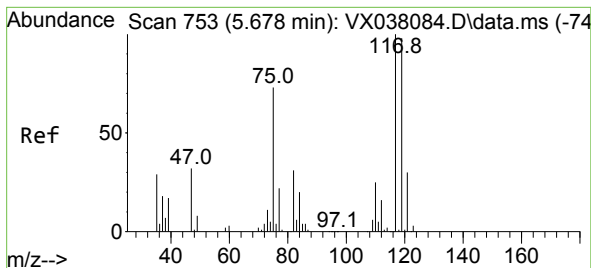
Tgt Ion:113 Resp: 68378
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

Tgt Ion: 75 Resp: 10005
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.629 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX038283.D

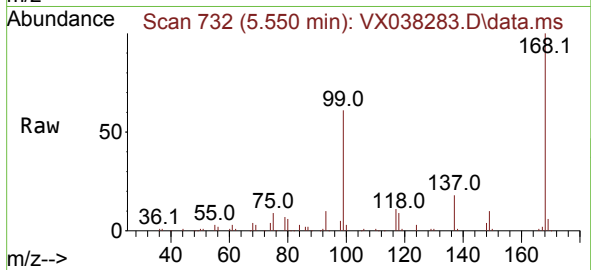
Acq: 13 Oct 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



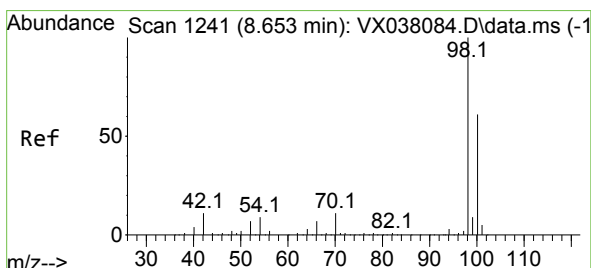
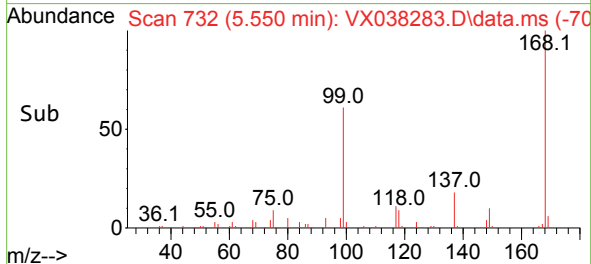
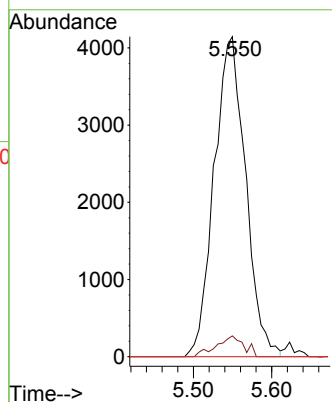
Tgt Ion:117 Resp: 11555

Ion Ratio Lower Upper

117 100

119 6.5 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 45.061 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038283.D

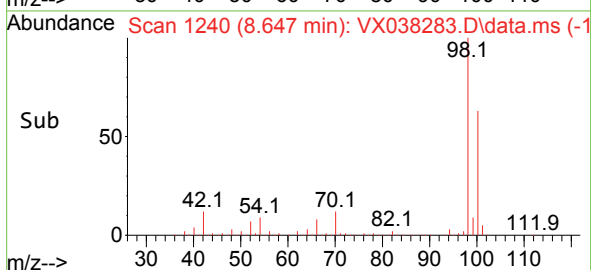
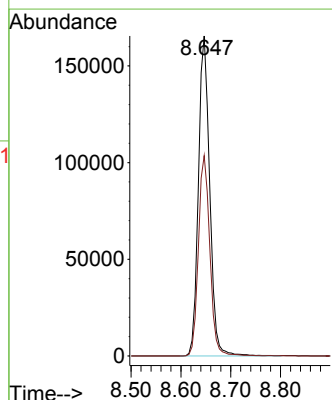
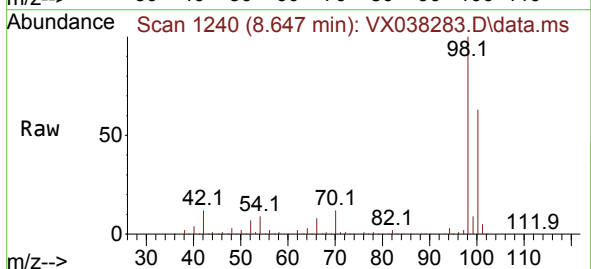
Acq: 13 Oct 2023 14:43

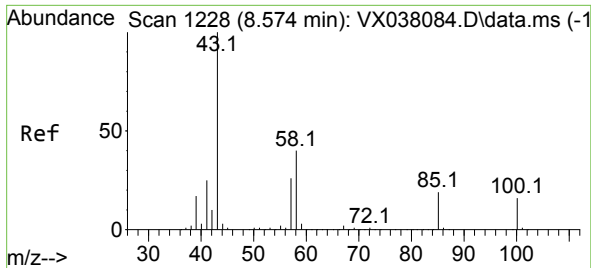
Tgt Ion: 98 Resp: 260556

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7

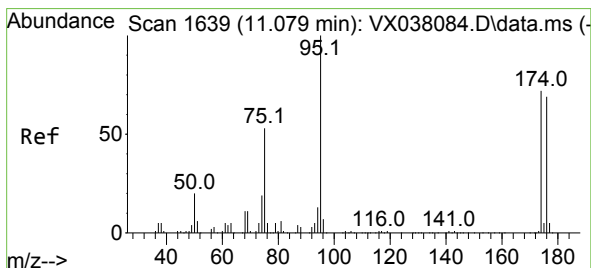
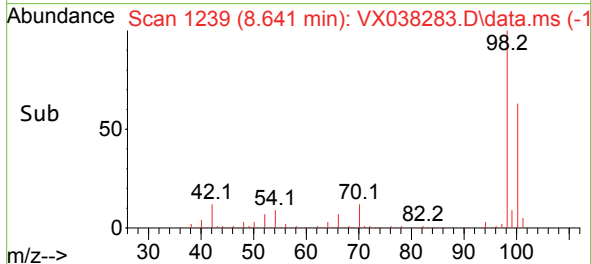
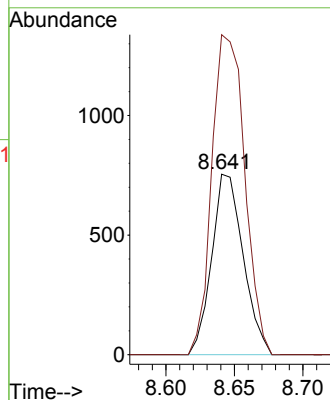
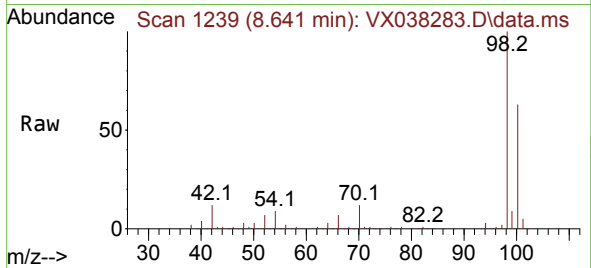




#51
4-Methyl-2-Pentanone
Concen: 0.473 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

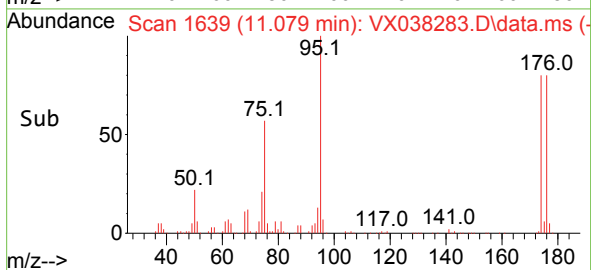
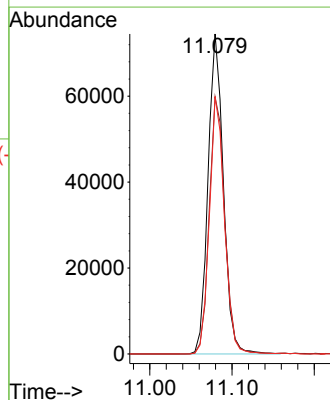
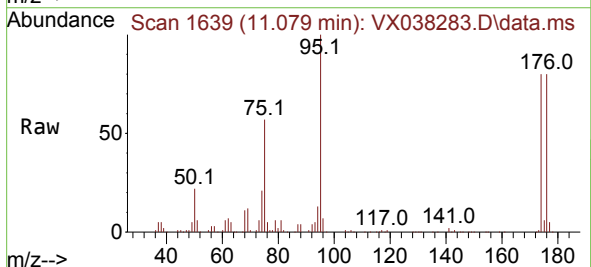
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

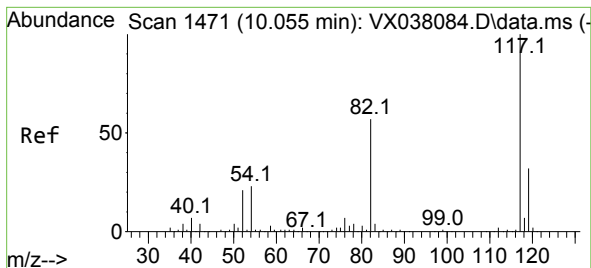
Tgt Ion: 43 Resp: 1208
Ion Ratio Lower Upper
43 100
58 185.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

Tgt Ion: 95 Resp: 96583
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 78.8 0.0 131.0

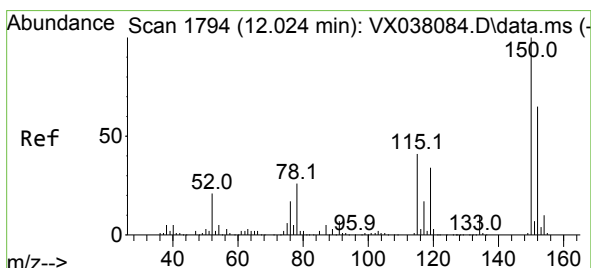
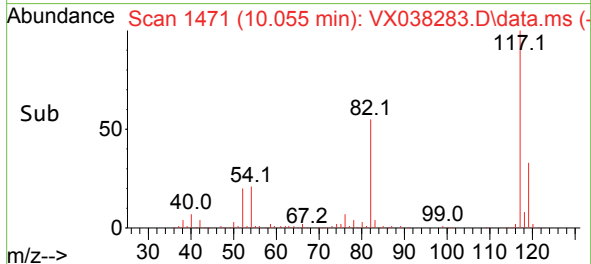
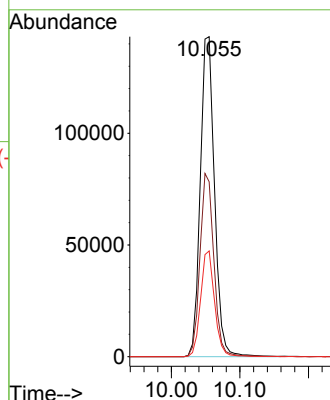
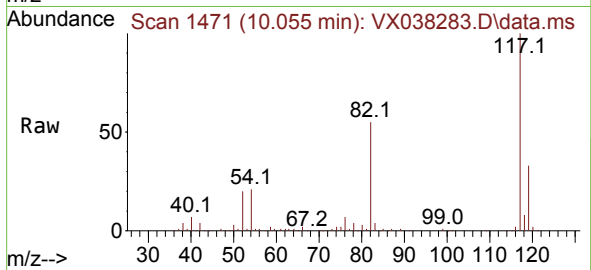




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

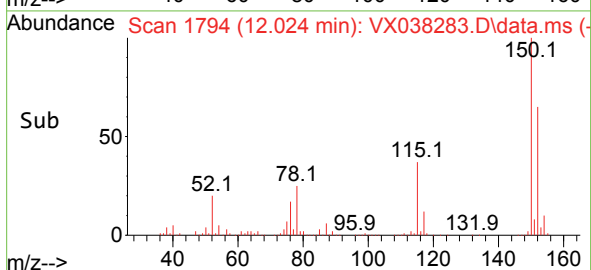
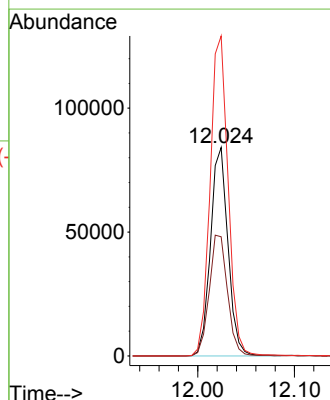
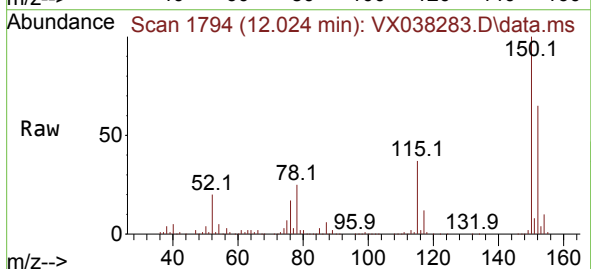
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

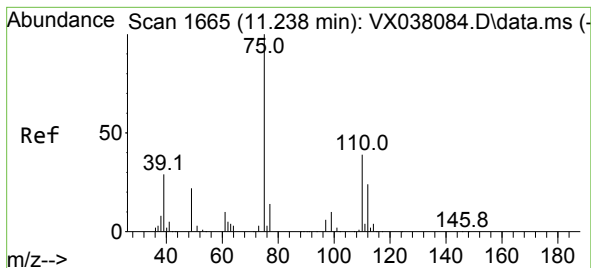
Tgt Ion:117 Resp: 207454
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038283.D
Acq: 13 Oct 2023 14:43

Tgt Ion:152 Resp: 106023
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 158.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.444 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038283.D

Acq: 13 Oct 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

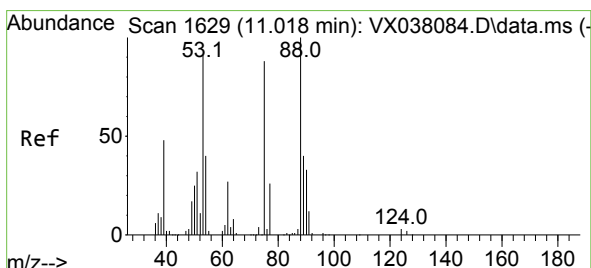
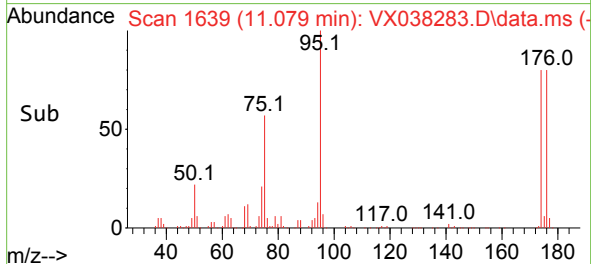
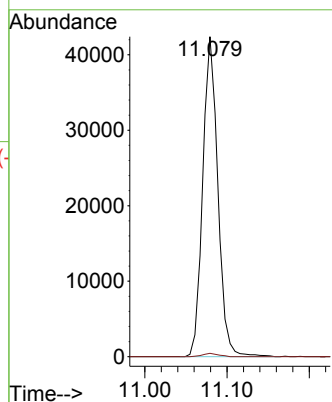
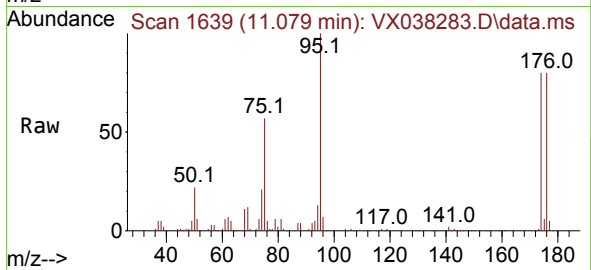
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 54097

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.282 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038283.D

Acq: 13 Oct 2023 14:43

Tgt Ion: 75 Resp: 54097

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

