

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034881.D
 Acq On : 31 Mar 2023 16:21
 Operator : JC/MD
 Sample : 02149-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 03 01:20:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

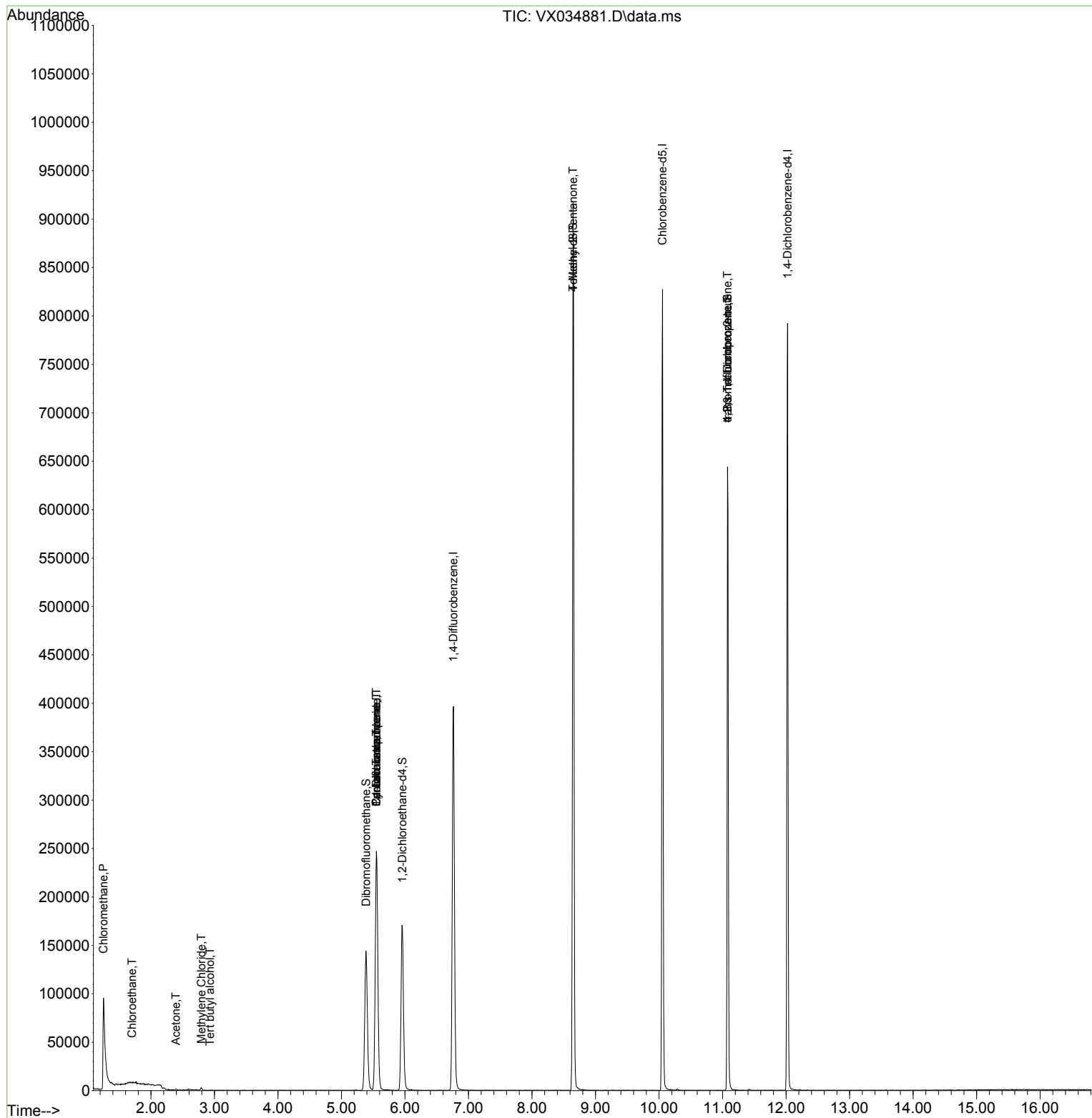
Internal Standards						
1) Pentafluorobenzene	5.549	168	225529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	391644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165056	47.854	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	95.700%	
35) Dibromofluoromethane	5.385	113	122930	47.456	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.920%	
50) Toluene-d8	8.646	98	508669	53.200	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	106.400%	
62) 4-Bromofluorobenzene	11.079	95	166542	45.011	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	90.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.251	50	2571	0.913	ug/l #	42
6) Chloroethane	1.703	64	595	0.328	ug/l #	73
11) Tert butyl alcohol	2.928	59	174	0.288	ug/l #	73
16) Acetone	2.391	43	1192	0.851	ug/l	96
20) Methylene Chloride	2.794	84	996	0.360	ug/l #	82
31) Cyclohexane	5.549	56	5982	1.424	ug/l #	8
36) 1,1-Dichloropropene	5.549	75	19031	4.959	ug/l #	51
38) Carbon Tetrachloride	5.549	117	23044	6.369	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	2739	0.689	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	92450	29.730	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	92450	89.098	ug/l #	8

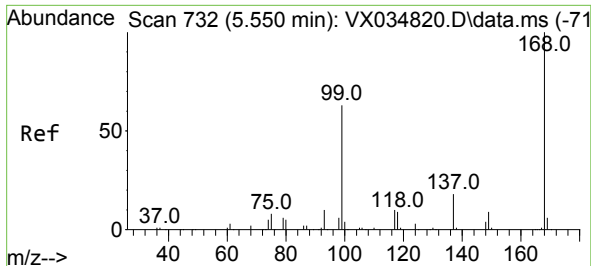
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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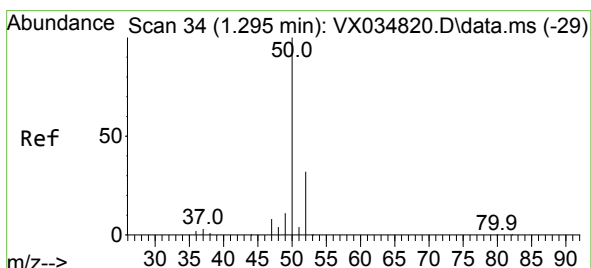
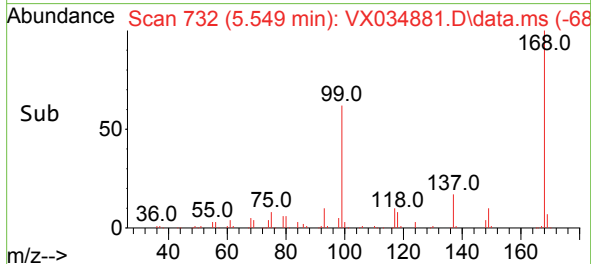
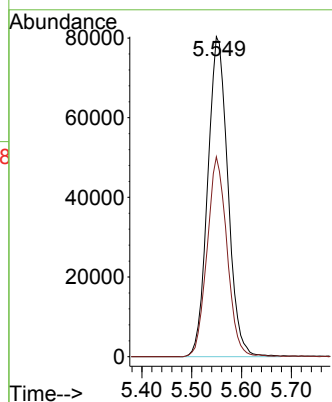
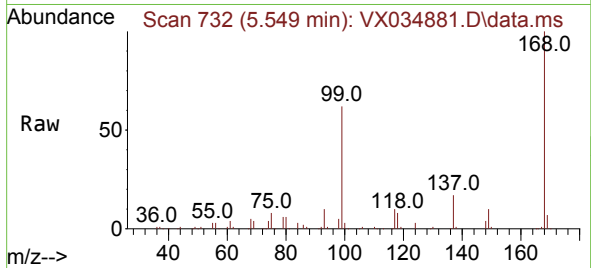




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

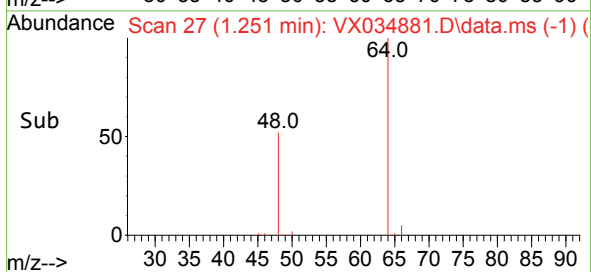
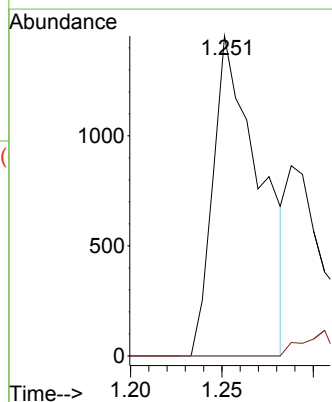
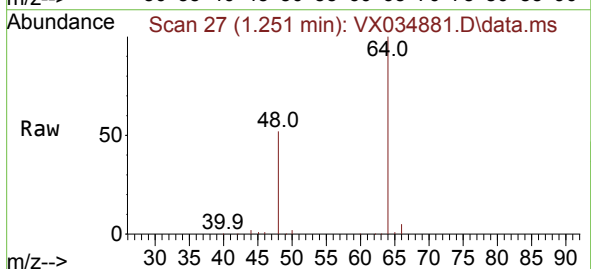
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

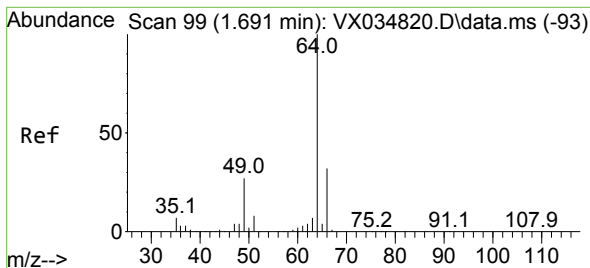
Tgt Ion:168 Resp: 225529
Ion Ratio Lower Upper
168 100
99 62.5 45.7 68.5



#3
Chloromethane
Concen: 0.913 ug/l
RT: 1.251 min Scan# 27
Delta R.T. -0.043 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

Tgt Ion: 50 Resp: 2571
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#6

Chloroethane

Concen: 0.328 ug/l

RT: 1.703 min Scan# 101

Delta R.T. 0.012 min

Lab File: VX034881.D

Acq: 31 Mar 2023 16:21

Instrument :

MSVOA_X

ClientSampleId :

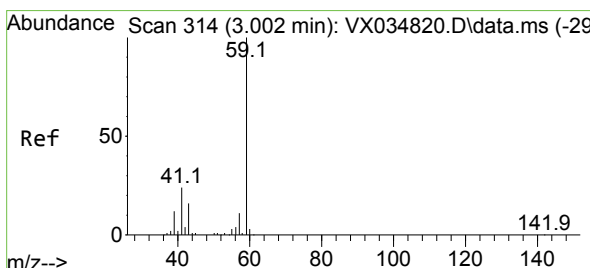
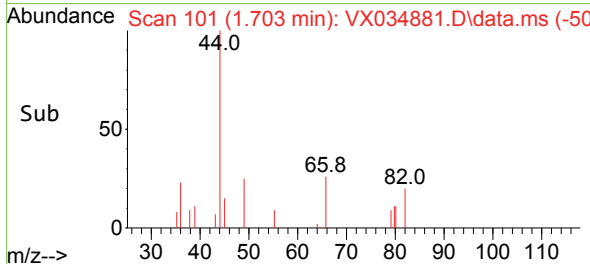
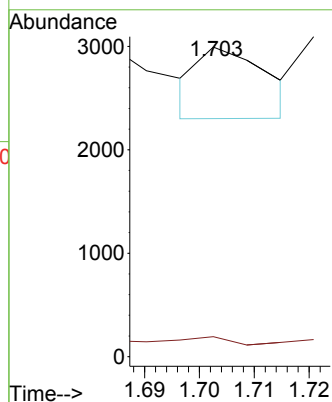
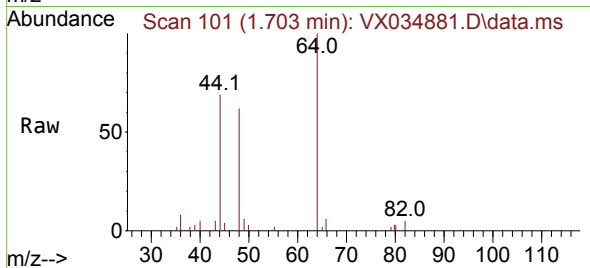
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 64 Resp: 595

Ion Ratio Lower Upper

64 100

66 17.8 26.2 39.4#



#11

Tert butyl alcohol

Concen: 0.288 ug/l

RT: 2.928 min Scan# 302

Delta R.T. -0.074 min

Lab File: VX034881.D

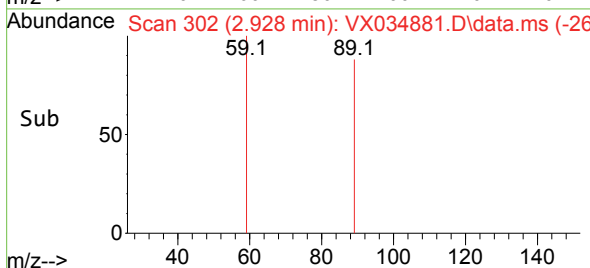
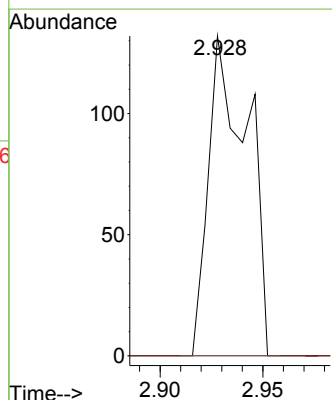
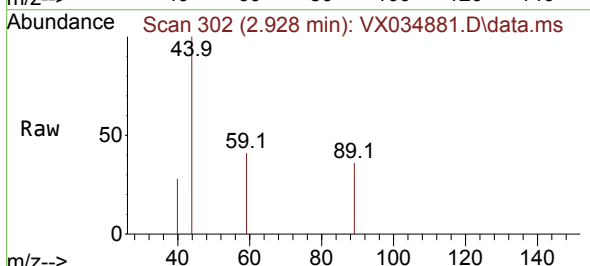
Acq: 31 Mar 2023 16:21

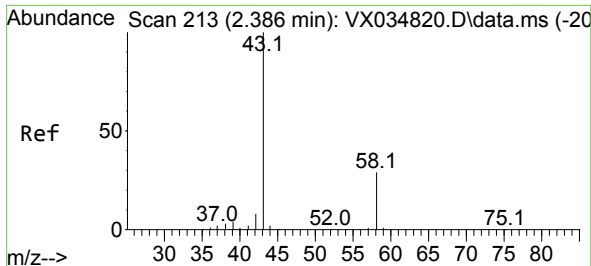
Tgt Ion: 59 Resp: 174

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#

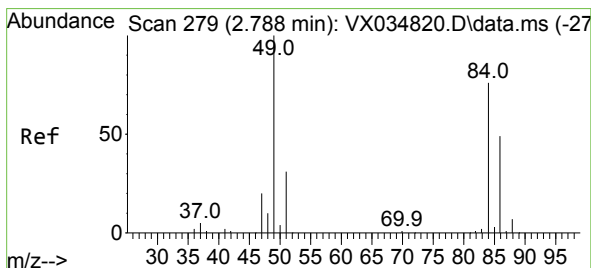
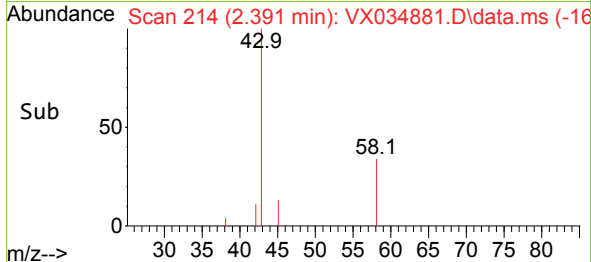
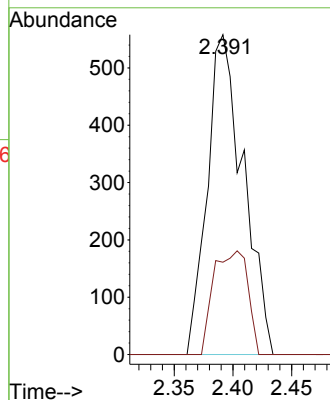
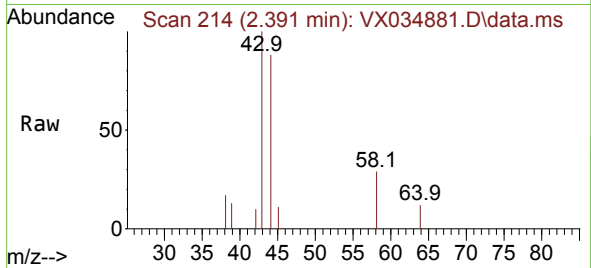




#16
Acetone
Concen: 0.851 ug/l
RT: 2.391 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

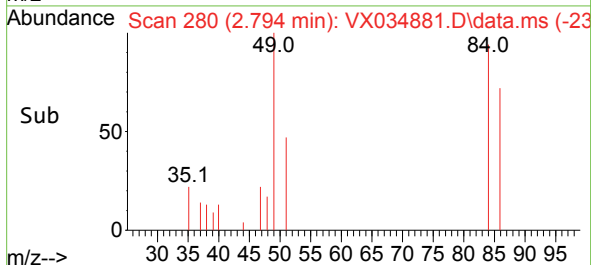
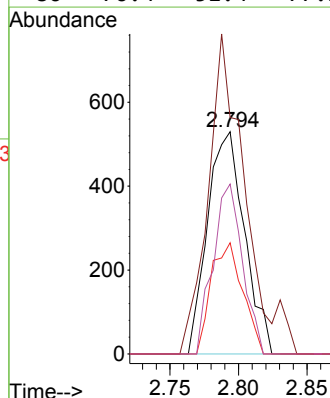
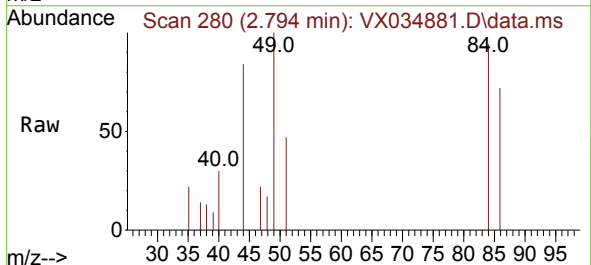
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

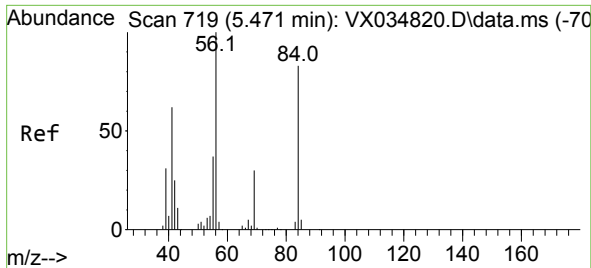
Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
58 28.9 24.7 37.1



#20
Methylene Chloride
Concen: 0.360 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

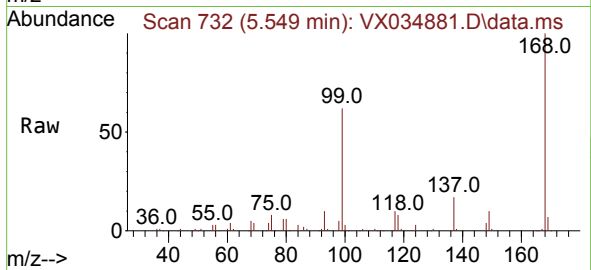
Tgt Ion: 84 Resp: 996
Ion Ratio Lower Upper
84 100
49 106.4 103.8 155.8
51 50.0 31.8 47.8#
86 76.4 51.4 77.2



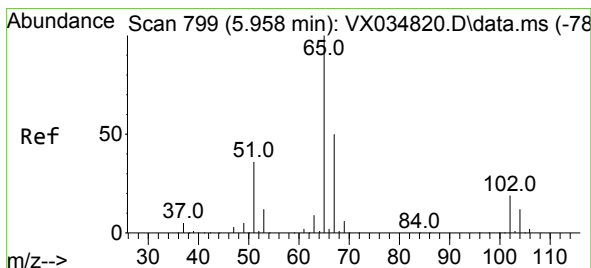
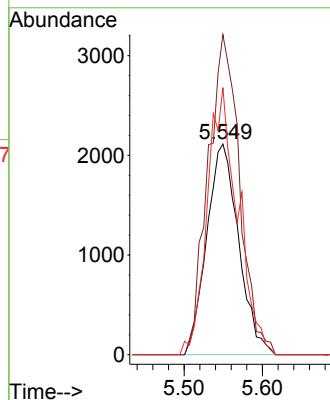
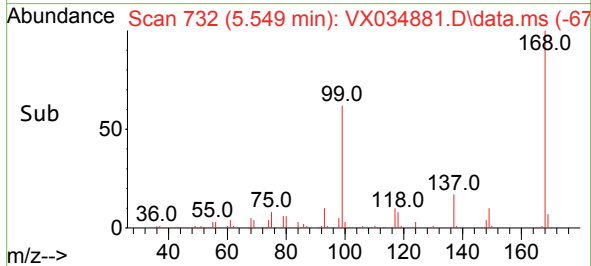


#31
Cyclohexane
Concen: 1.424 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

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

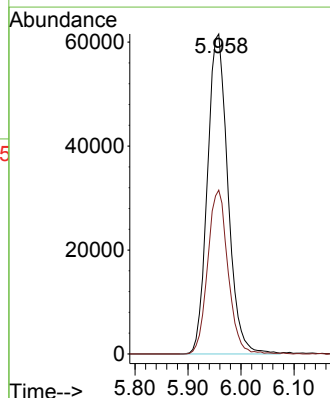
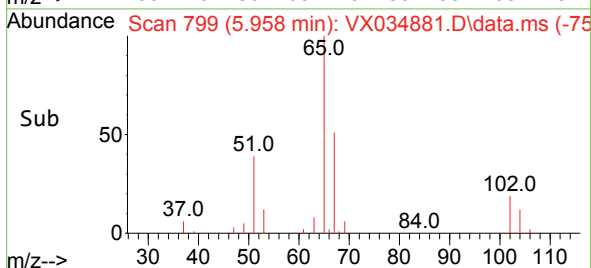
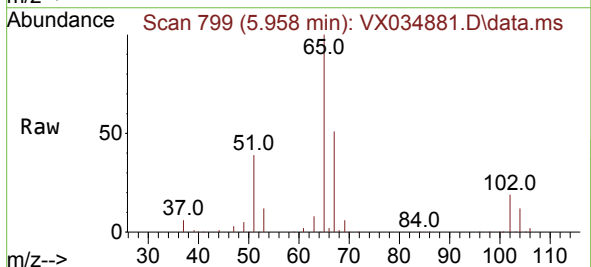


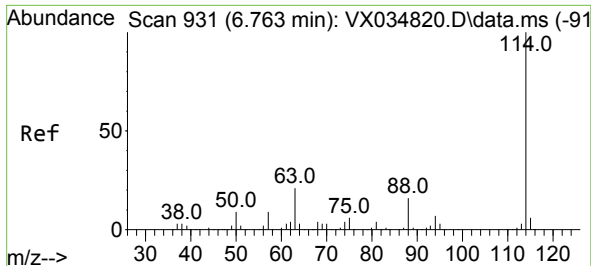
Tgt Ion: 56 Resp: 5982
Ion Ratio Lower Upper
56 100
69 151.8 23.7 35.5#
84 126.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.854 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

Tgt Ion: 65 Resp: 165056
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

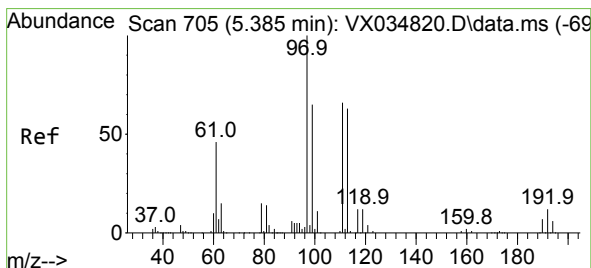
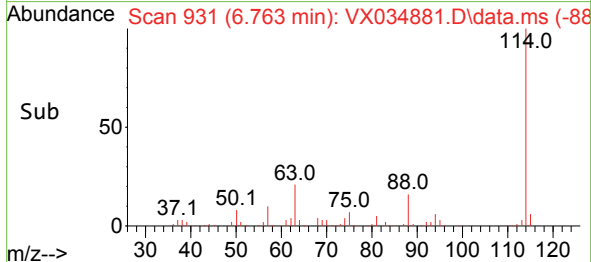
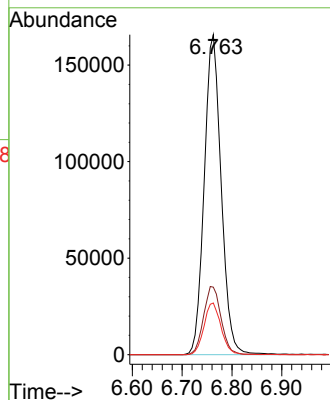
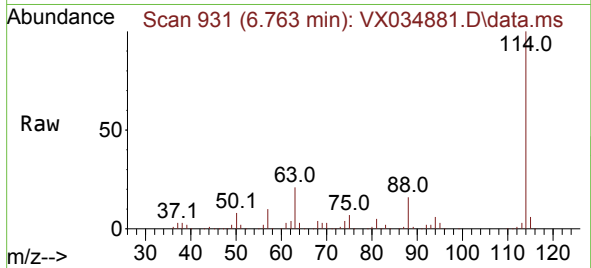




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

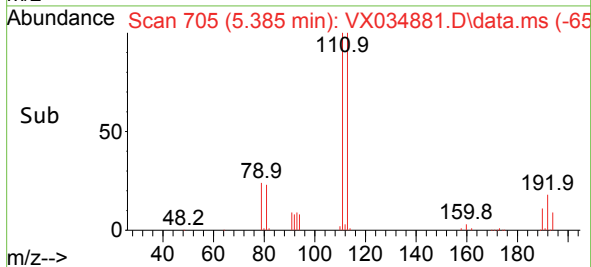
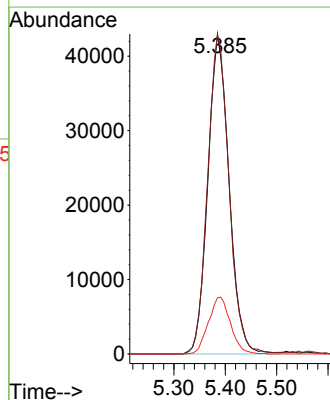
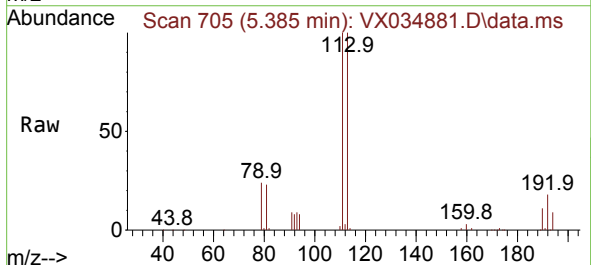
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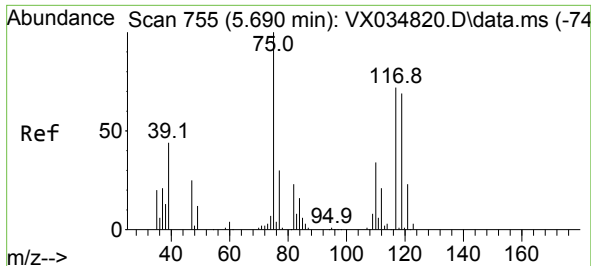
Tgt Ion:114 Resp: 391644
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.456 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

Tgt Ion:113 Resp: 122930
Ion Ratio Lower Upper
113 100
111 100.5 83.7 125.5
192 18.5 15.4 23.2

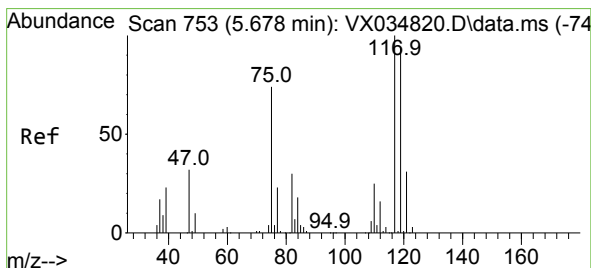
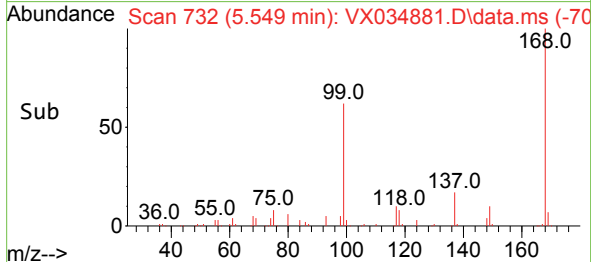
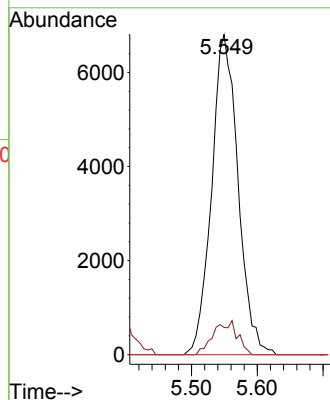
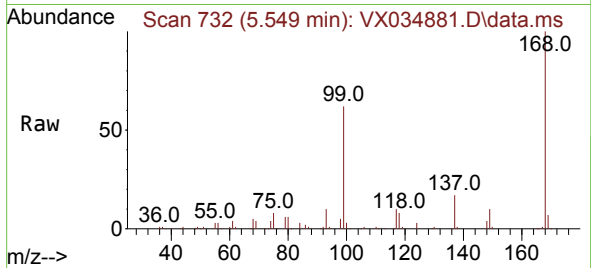




#36
1,1-Dichloropropene
Concen: 4.959 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.141 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

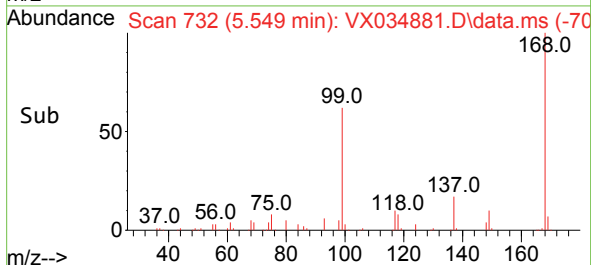
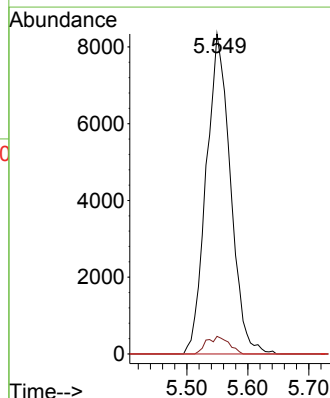
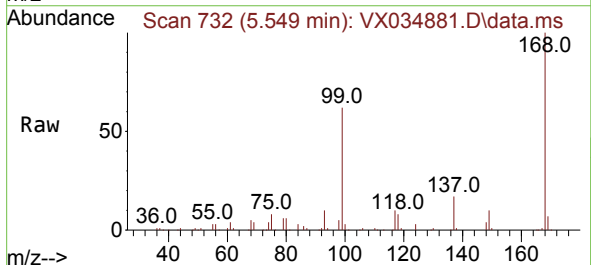
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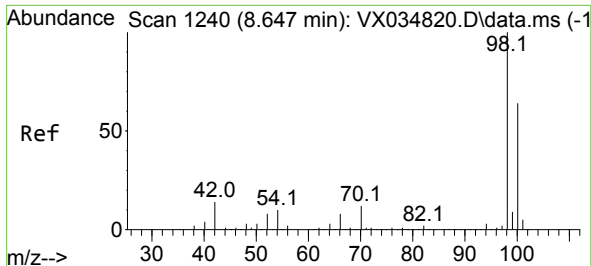
Tgt Ion: 75 Resp: 19031
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

Tgt Ion: 117 Resp: 23044
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#

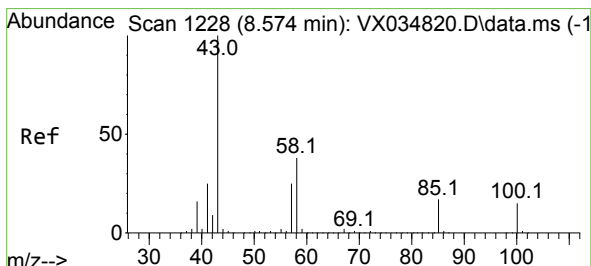
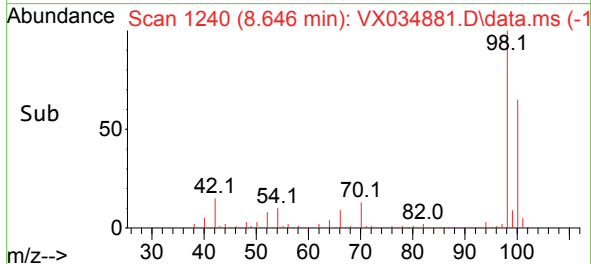
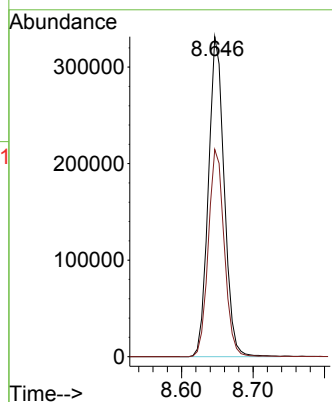
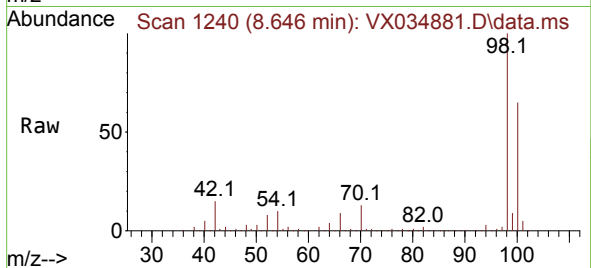




#50
Toluene-d8
Concen: 53.200 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

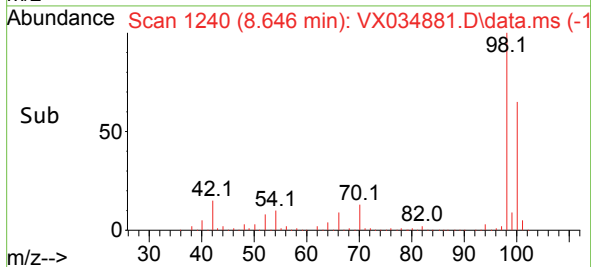
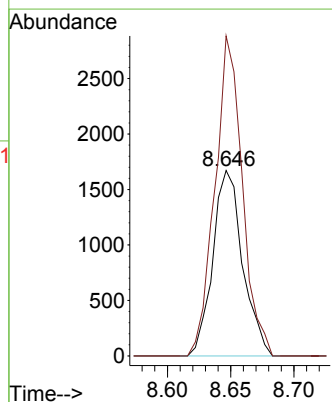
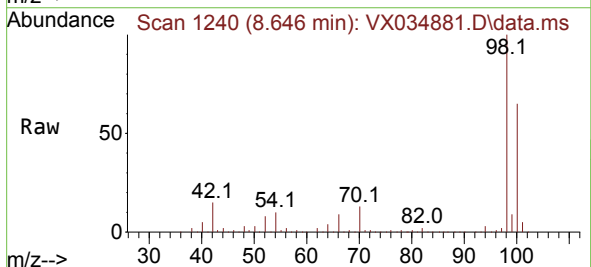
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

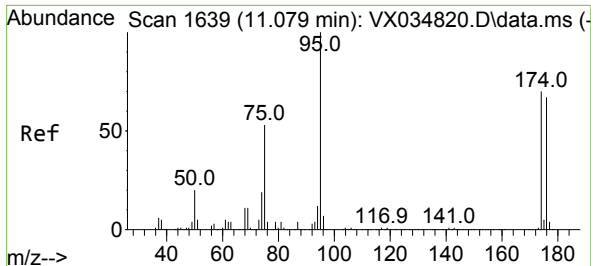
Tgt Ion: 98 Resp: 508669
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.689 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

Tgt Ion: 43 Resp: 2739
Ion Ratio Lower Upper
43 100
58 158.7 30.6 46.0#

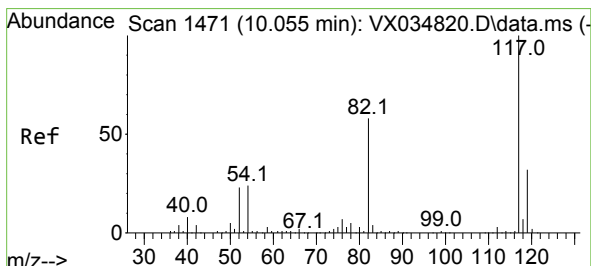
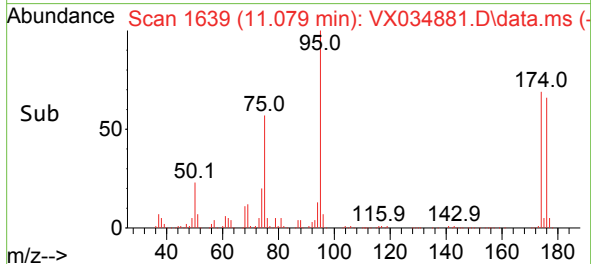
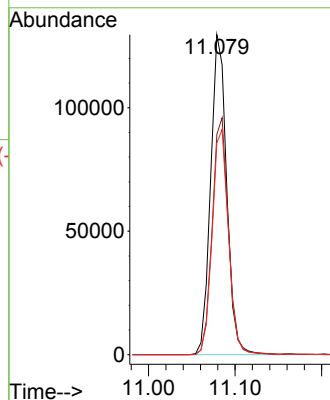
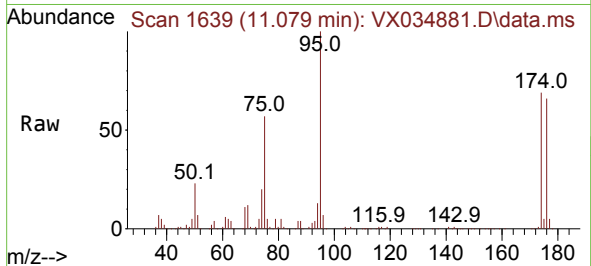




#62
4-Bromofluorobenzene
Concen: 45.011 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

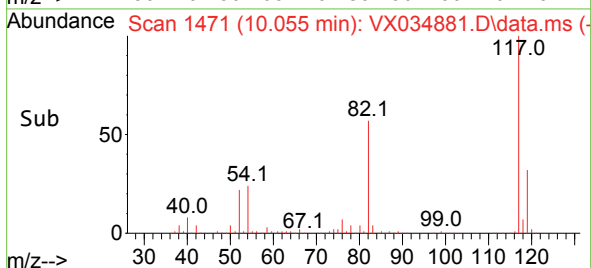
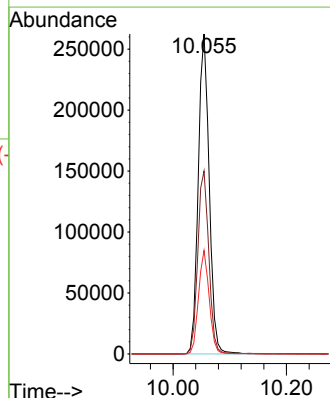
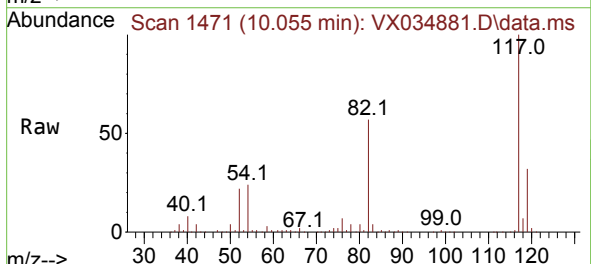
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

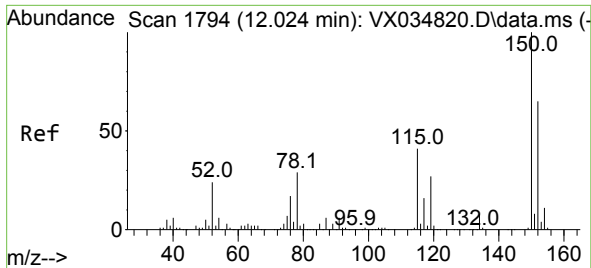
Tgt Ion: 95 Resp: 166542
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.4
176 71.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

Tgt Ion: 117 Resp: 351817
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.4 26.0 39.0

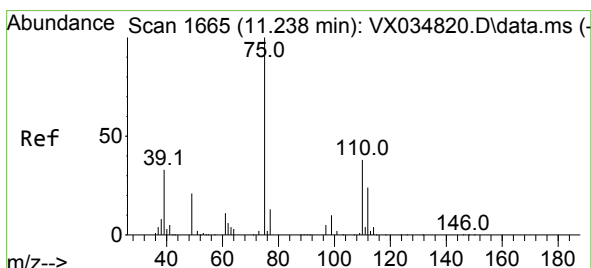
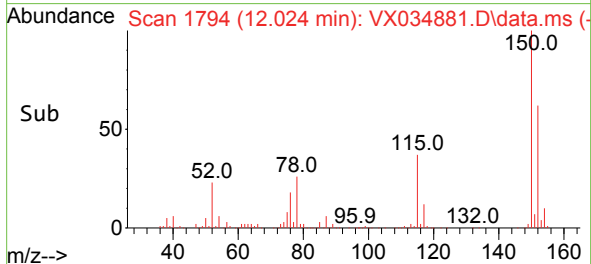
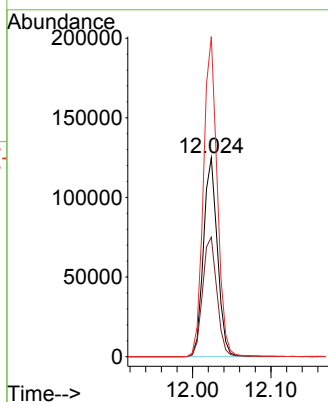
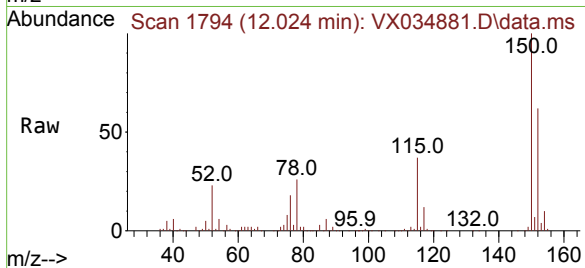




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX034881.D
 Acq: 31 Mar 2023 16:21

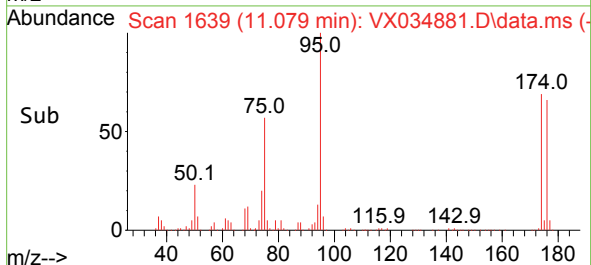
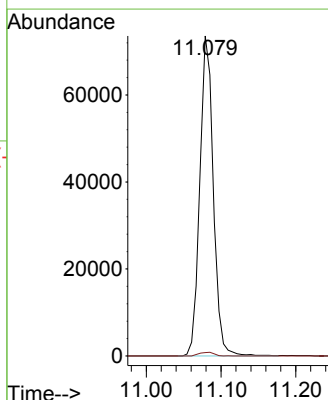
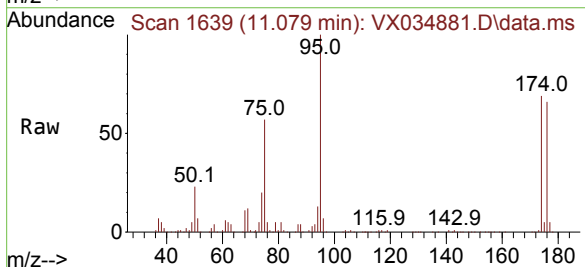
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

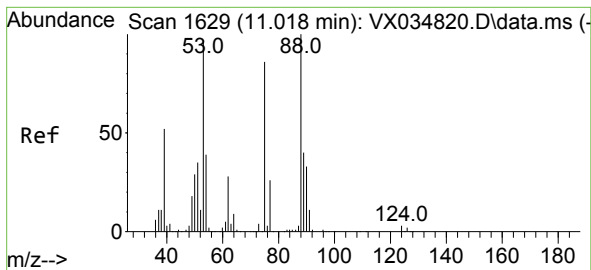
Tgt Ion:152 Resp: 154332
 Ion Ratio Lower Upper
 152 100
 115 61.9 45.0 135.0
 150 159.4 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.730 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034881.D
 Acq: 31 Mar 2023 16:21

Tgt Ion: 75 Resp: 92450
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.098 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX034881.D
Acq: 31 Mar 2023 16:21

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

Tgt Ion: 75 Resp: 92450
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#

