

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034261.D
 Acq On : 24 Feb 2023 13:15
 Operator : JC/MD
 Sample : 01674-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 24 22:21:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

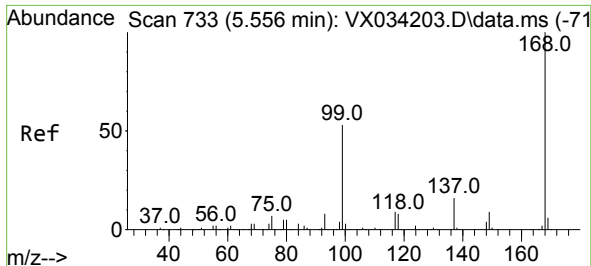
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	278261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	388599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161140	42.999	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.000%		
35) Dibromofluoromethane	5.391	113	141147	47.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.980%		
50) Toluene-d8	8.647	98	534256	50.063	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.120%		
62) 4-Bromofluorobenzene	11.079	95	174222	42.681	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.360%		
Target Compounds			Qvalue			
3) Chloromethane	1.307	50	802	0.232	ug/l #	70
5) Bromomethane	1.617	94	330	Below Cal	#	3
11) Tert butyl alcohol	2.947	59	288	0.344	ug/l #	83
13) Acrolein	2.239	56	118	0.308	ug/l #	14
16) Acetone	2.386	43	1961	1.014	ug/l	99
20) Methylene Chloride	2.788	84	1460	0.419	ug/l #	88
31) Cyclohexane	5.550	56	6122	1.094	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	20508	4.665	ug/l #	48
38) Carbon Tetrachloride	5.556	117	25518	5.641	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	86065	21.372	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	86065	54.902	ug/l #	8

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

Quant Time: Feb 24 22:21:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

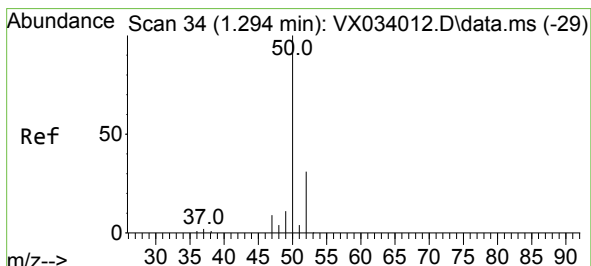
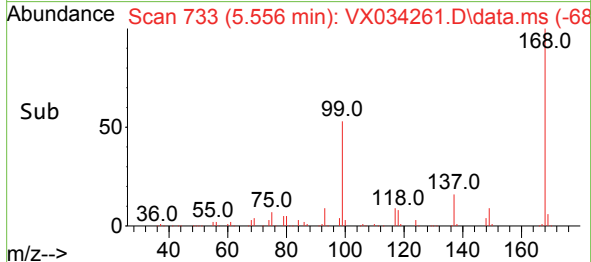
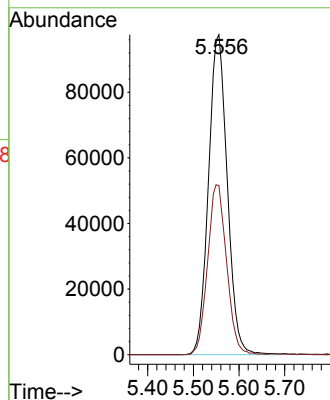
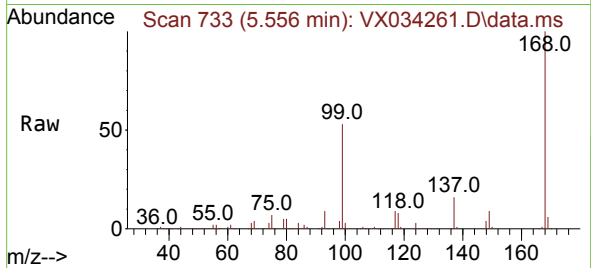




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

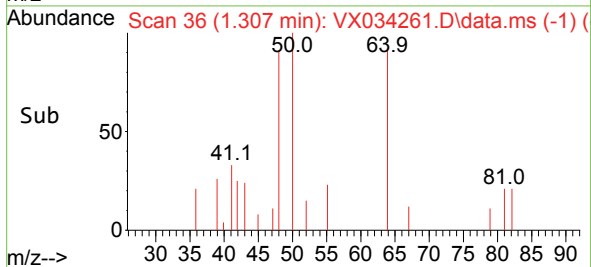
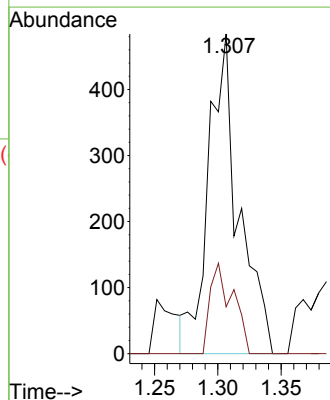
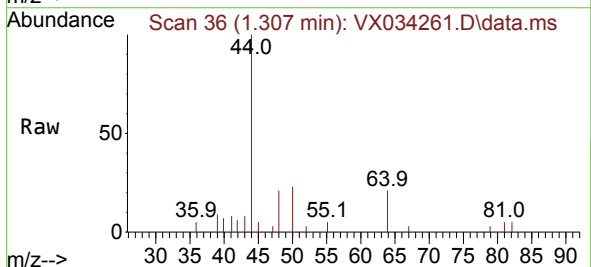
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

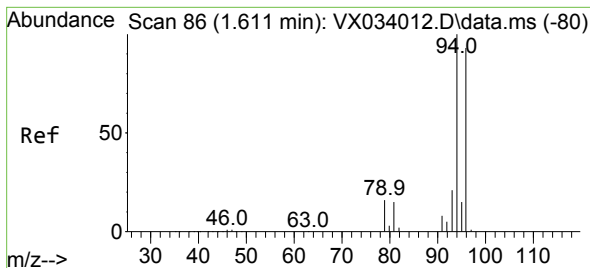
Tgt Ion:168 Resp: 278261
Ion Ratio Lower Upper
168 100
99 52.8 39.6 59.4



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

Tgt Ion: 50 Resp: 802
Ion Ratio Lower Upper
50 100
52 14.7 25.2 37.8#





#5

Bromomethane

Concen: Below Cal

RT: 1.617 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX034261.D

Acq: 24 Feb 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

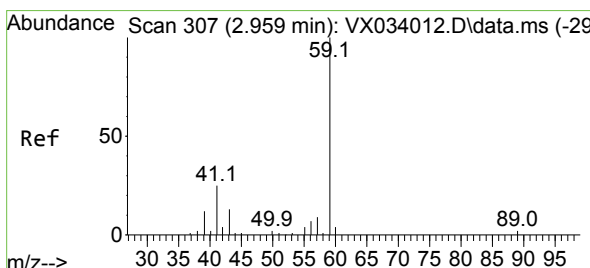
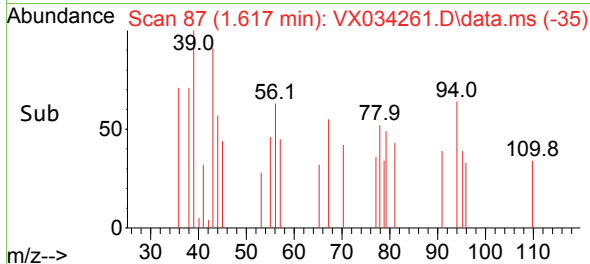
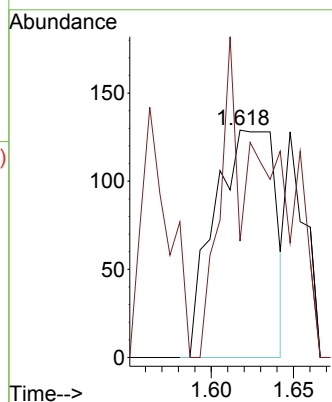
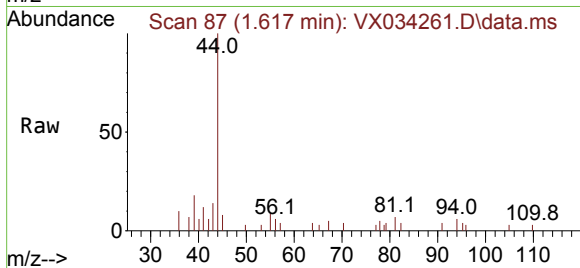
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 94 Resp: 330

Ion Ratio Lower Upper

94 100

96 0.0 74.3 111.5#



#11

Tert butyl alcohol

Concen: 0.344 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX034261.D

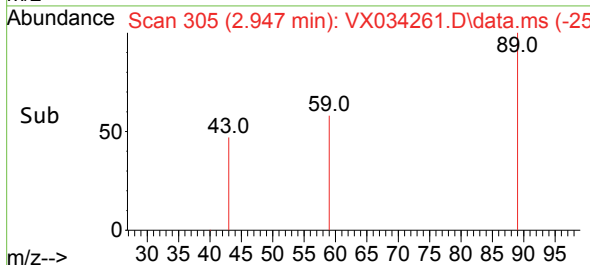
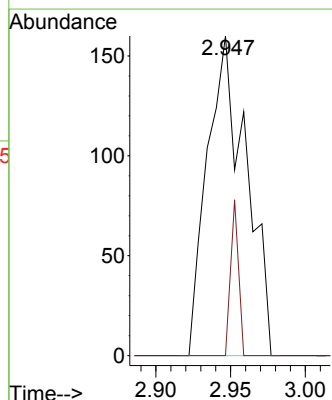
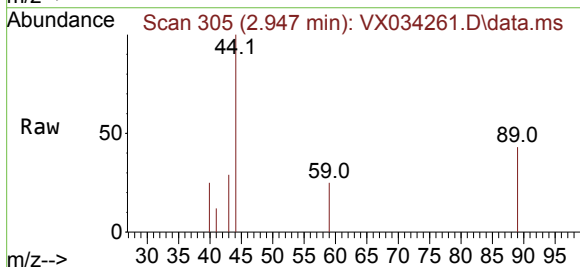
Acq: 24 Feb 2023 13:15

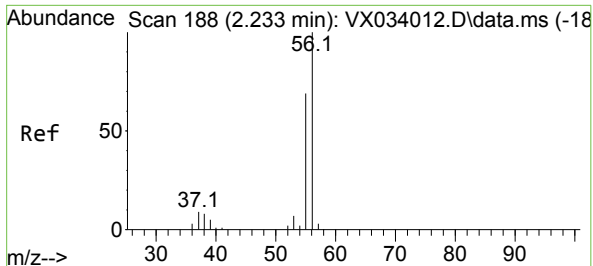
Tgt Ion: 59 Resp: 288

Ion Ratio Lower Upper

59 100

57 10.1 3.7 5.5#

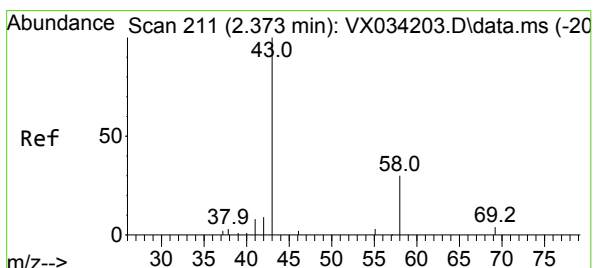
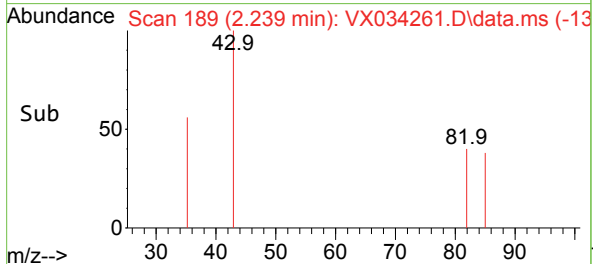
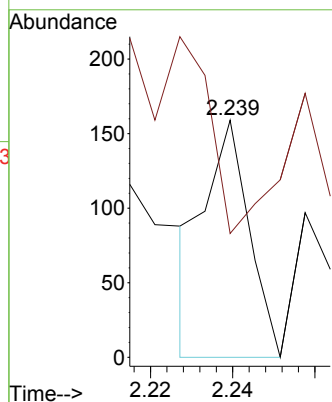
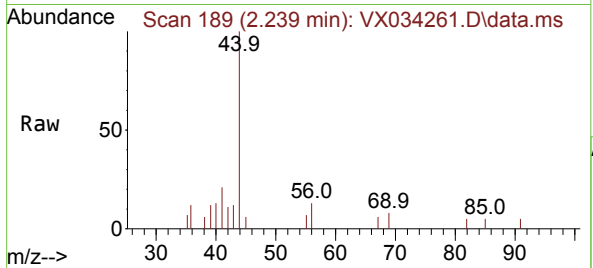




#13
Acrolein
Concen: 0.308 ug/l
RT: 2.239 min Scan# 118
Delta R.T. 0.006 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

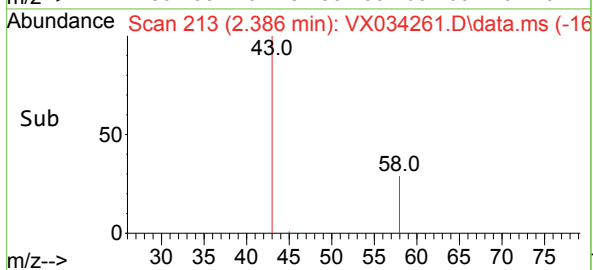
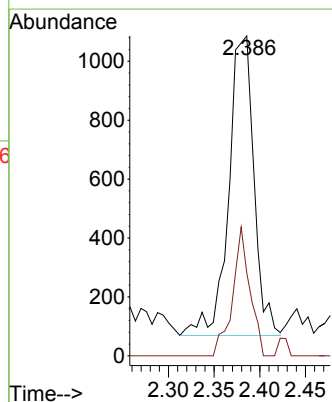
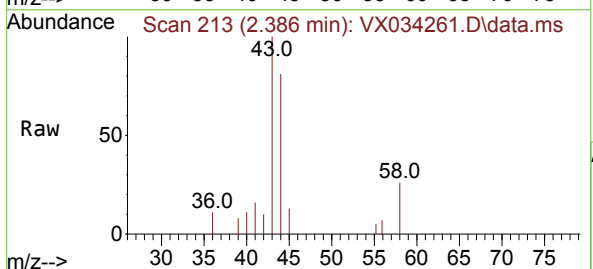
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

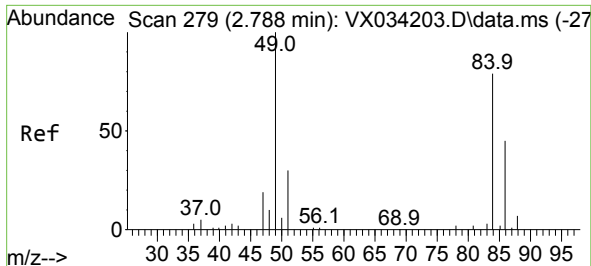
Tgt Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#16
Acetone
Concen: 1.014 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

Tgt Ion: 43 Resp: 1961
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8

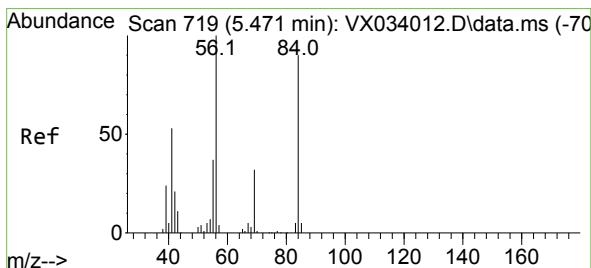
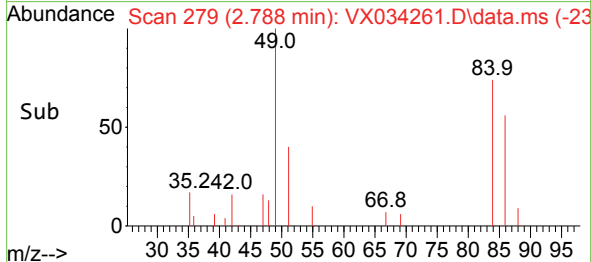
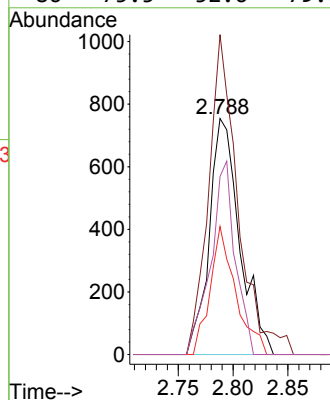
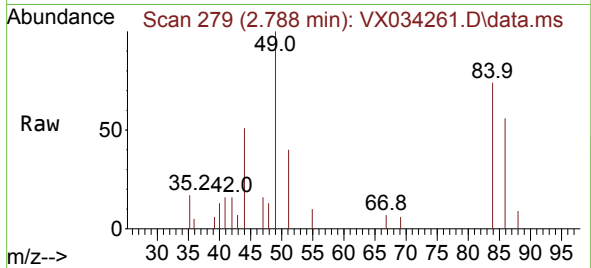




#20
Methylene Chloride
Concen: 0.419 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

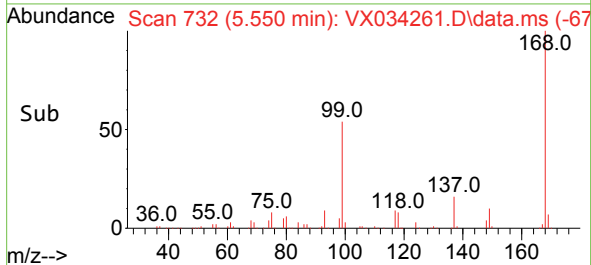
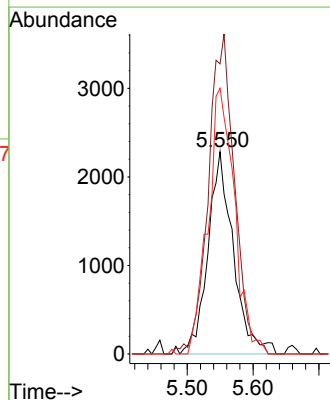
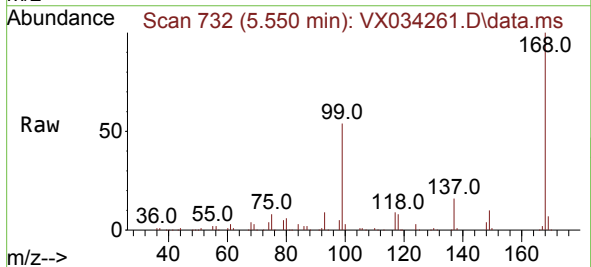
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

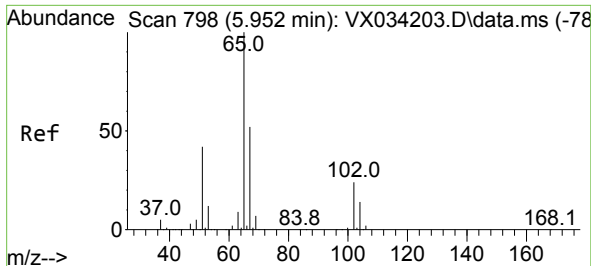
Tgt Ion:	84	Resp:	1460
Ion	Ratio	Lower	Upper
84	100		
49	135.5	101.1	151.7
51	54.2	31.0	46.6#
86	75.5	52.6	79.0



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

Tgt Ion:	56	Resp:	6122
Ion	Ratio	Lower	Upper
56	100		
69	143.4	24.6	37.0#
84	131.4	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 42.999 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034261.D

Acq: 24 Feb 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

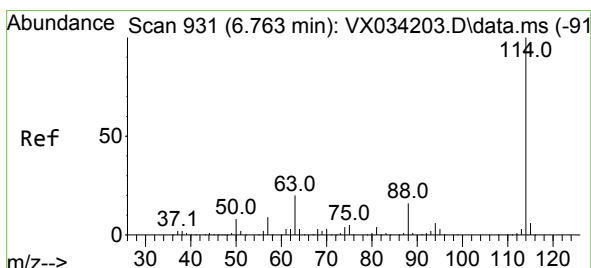
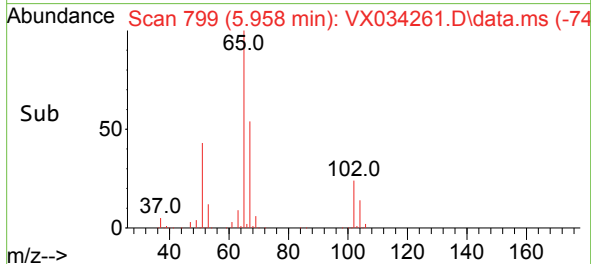
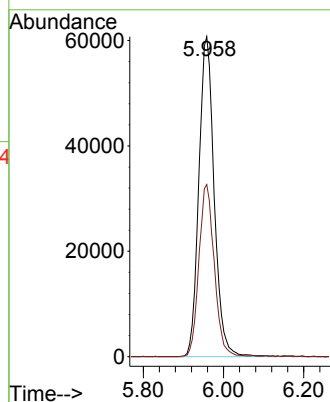
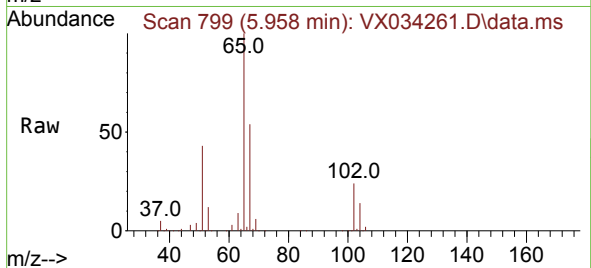
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 161140

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034261.D

Acq: 24 Feb 2023 13:15

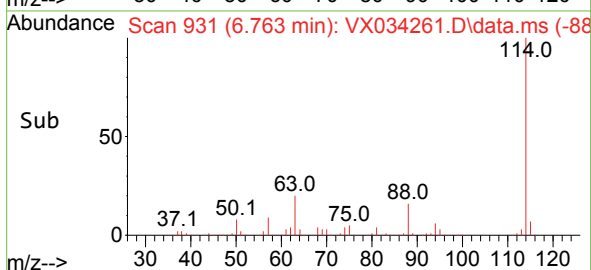
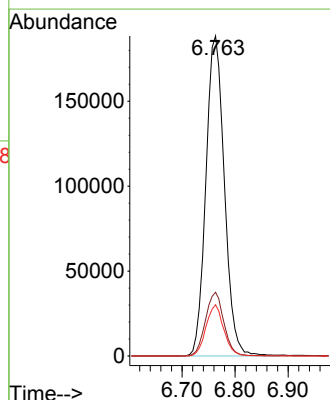
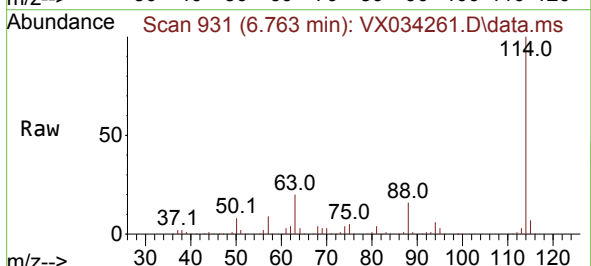
Tgt Ion: 114 Resp: 456509

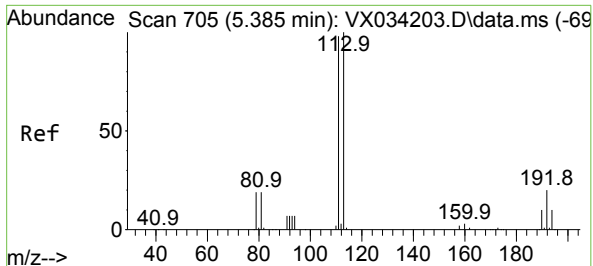
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 16.0 0.0 30.6

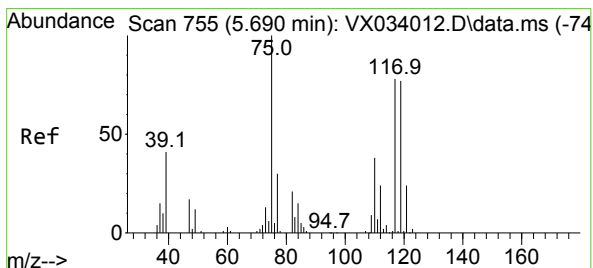
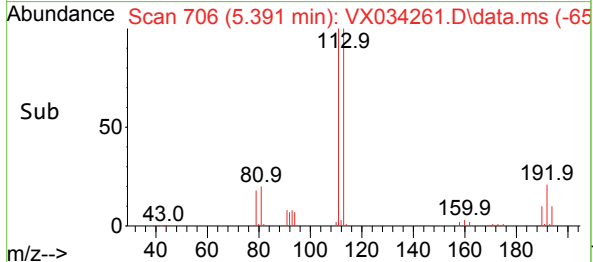
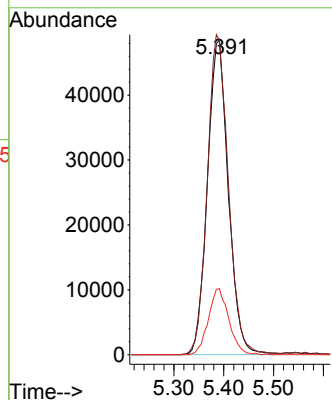
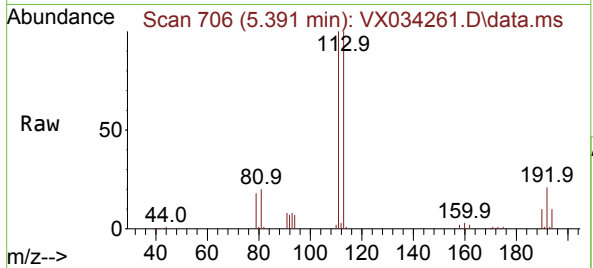




#35
Dibromofluoromethane
Concen: 47.487 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

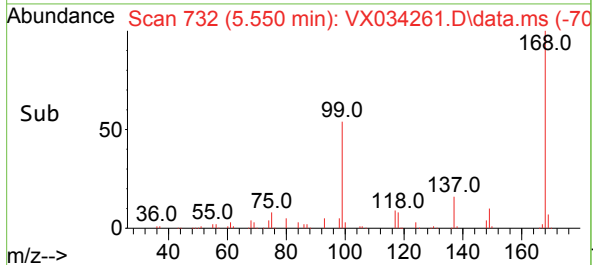
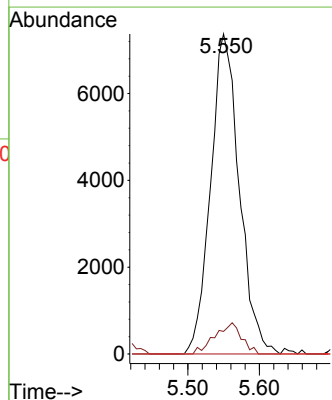
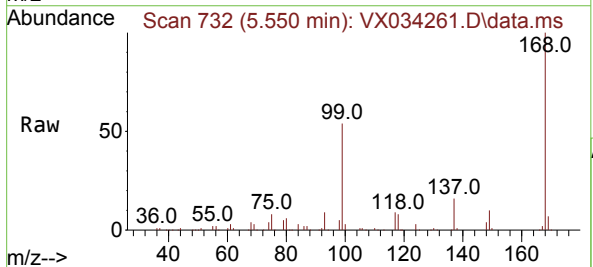
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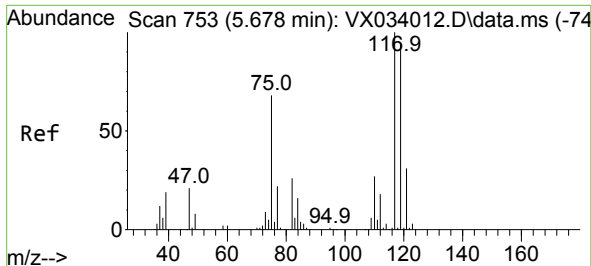
Tgt Ion:113 Resp: 141147
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 20.6 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

Tgt Ion: 75 Resp: 20508
Ion Ratio Lower Upper
75 100
110 9.1 18.8 56.4#
77 0.0 25.1 37.7#

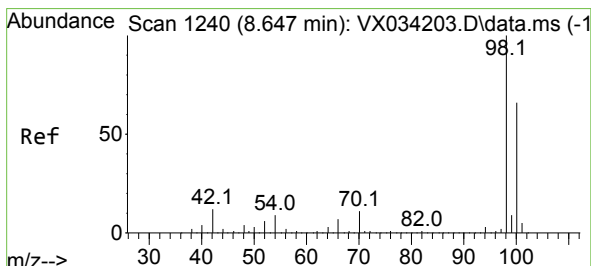
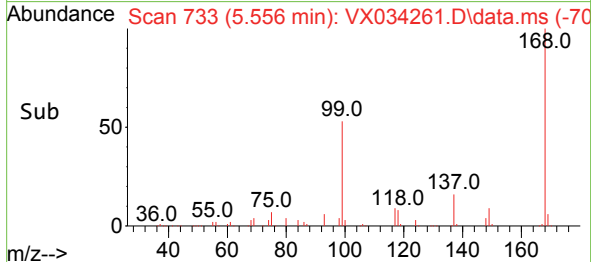
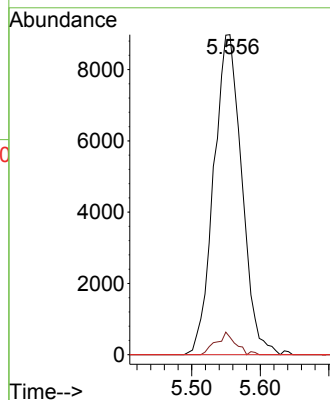
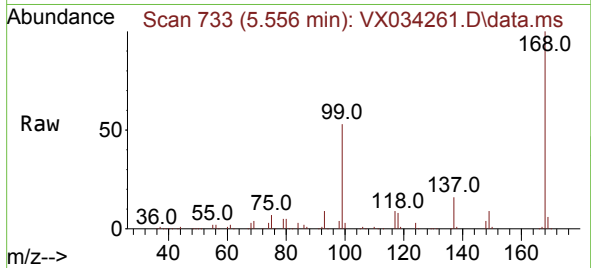




#38
Carbon Tetrachloride
Concen: 5.641 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

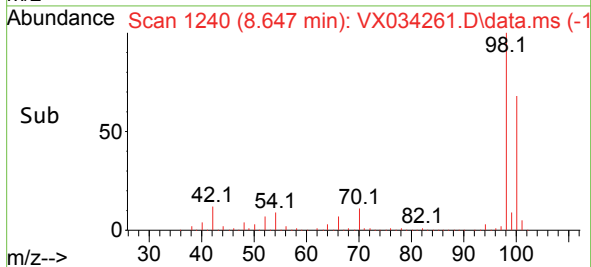
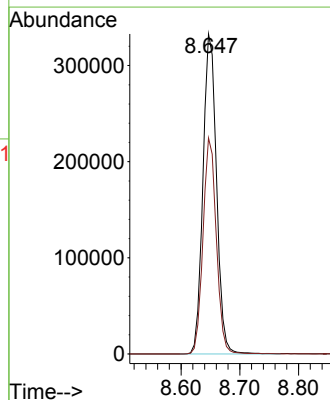
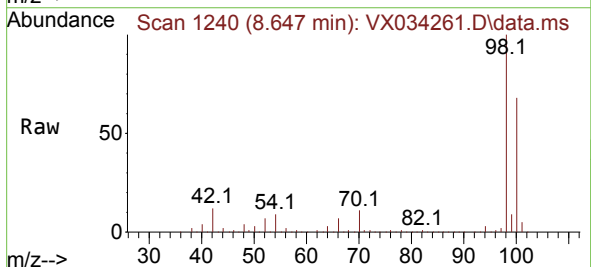
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

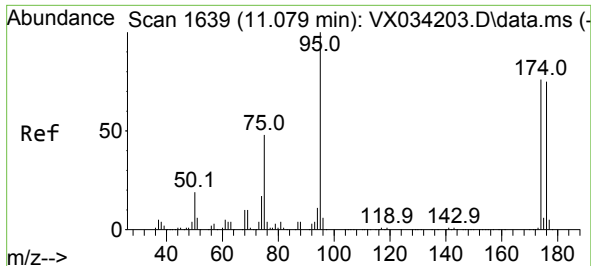
Tgt Ion:117 Resp: 25518
Ion Ratio Lower Upper
117 100
119 5.4 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.063 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

Tgt Ion: 98 Resp: 534256
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4

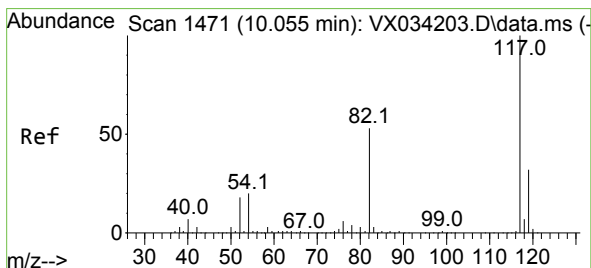
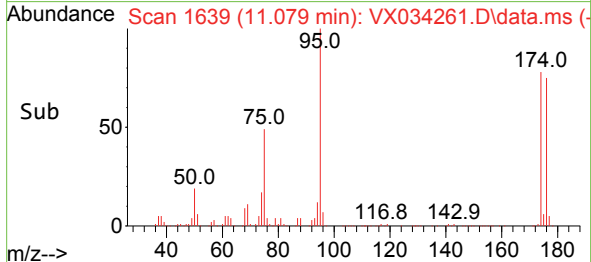
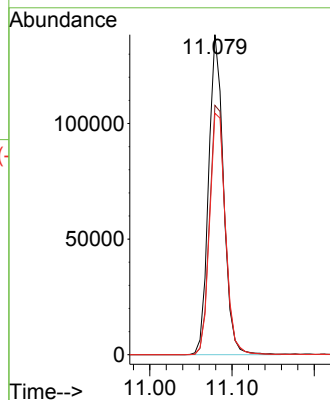
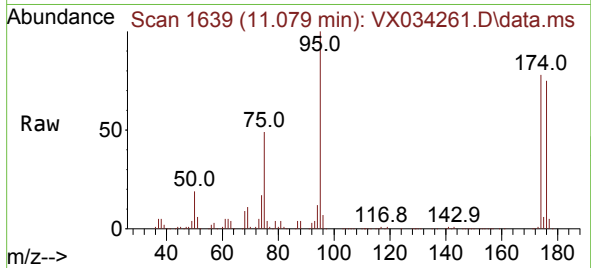




#62
4-Bromofluorobenzene
Concen: 42.681 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

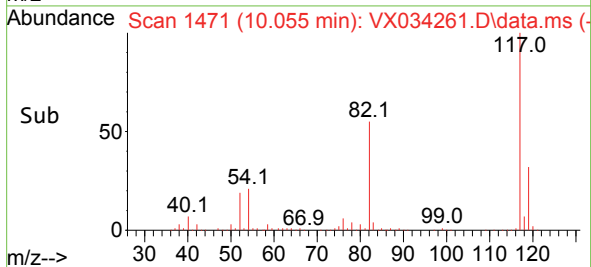
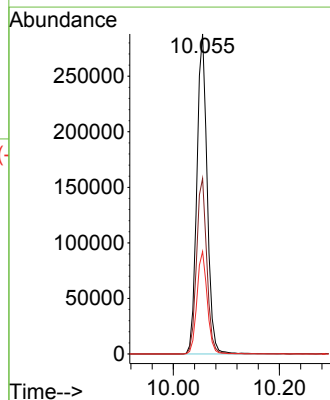
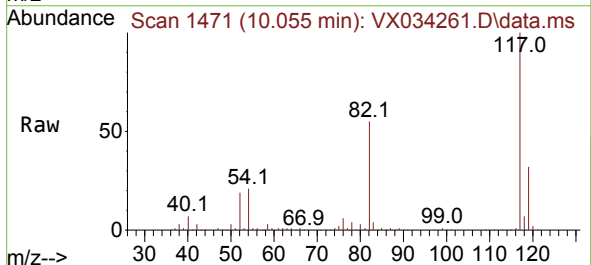
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

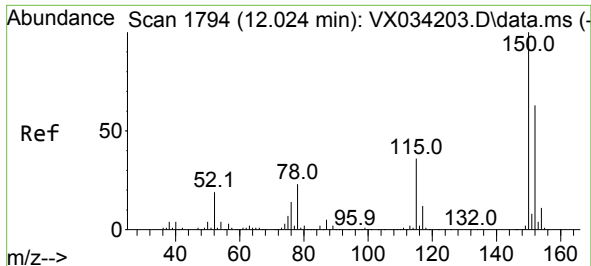
Tgt Ion: 95 Resp: 174222
Ion Ratio Lower Upper
95 100
174 82.2 0.0 184.4
176 80.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034261.D
Acq: 24 Feb 2023 13:15

Tgt Ion: 117 Resp: 388599
Ion Ratio Lower Upper
117 100
82 54.9 40.6 60.8
119 32.0 25.6 38.4

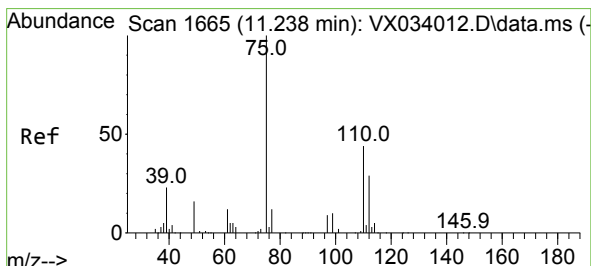
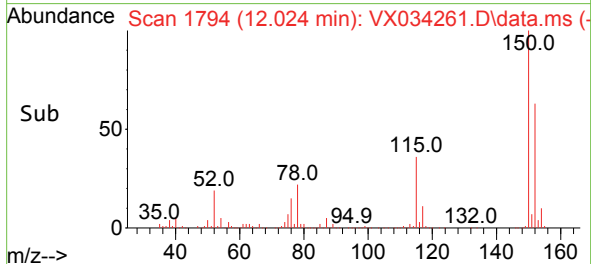
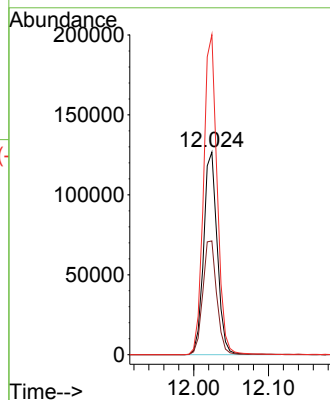
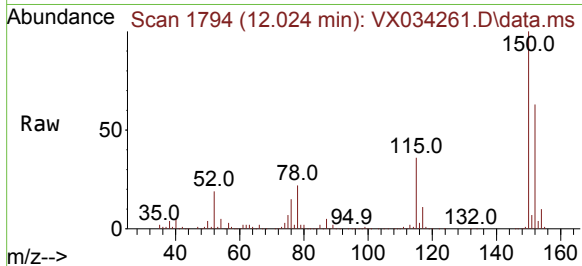




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034261.D
 Acq: 24 Feb 2023 13:15

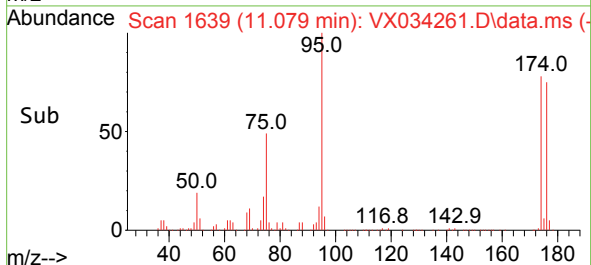
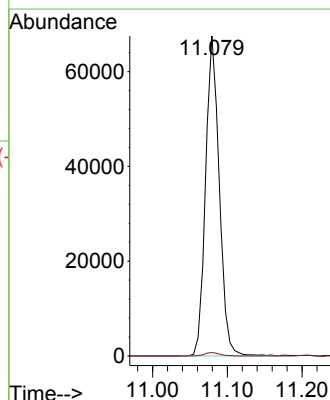
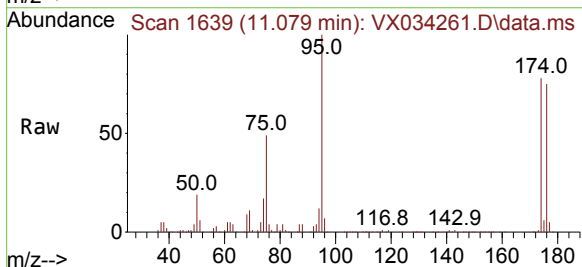
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

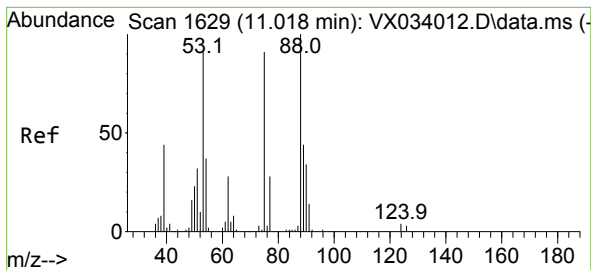
Tgt Ion:152 Resp: 160039
 Ion Ratio Lower Upper
 152 100
 115 57.6 38.7 116.1
 150 158.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 21.372 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034261.D
 Acq: 24 Feb 2023 13:15

Tgt Ion: 75 Resp: 86065
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.902 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034261.D
 Acq: 24 Feb 2023 13:15

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

Tgt Ion: 75 Resp: 86065
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

