

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013112.D
 Acq On : 28 Mar 2023 13:27
 Operator : KP/MD
 Sample : 02105-01
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WV-SOIL1-0327

Quant Time: Mar 29 02:28:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

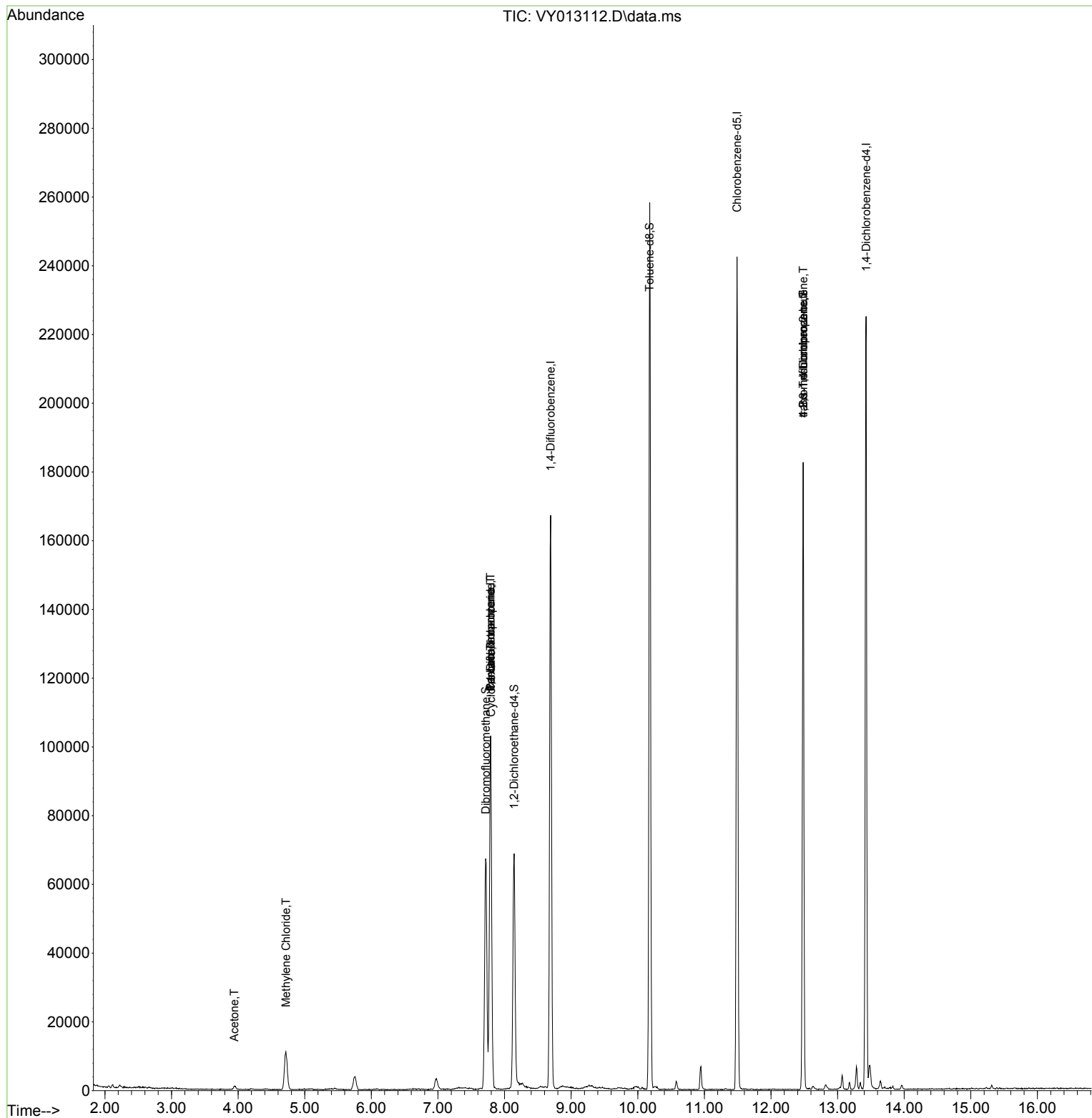
Internal Standards						
1) Pentafluorobenzene	7.789	168	78327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52649	67.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.400%
35) Dibromofluoromethane	7.716	113	47019	56.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.780%
50) Toluene-d8	10.179	98	162981	53.938	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.880%
62) 4-Bromofluorobenzene	12.483	95	50997	50.003	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.000%
Target Compounds						
11) Tert butyl alcohol	4.972	59	45	Below Cal	#	74
16) Acetone	3.942	43	1808	5.923	ug/l	97
20) Methylene Chloride	4.716	84	7836	3.406	ug/l	92
31) Cyclohexane	7.795	56	1867	1.254	ug/l	# 25
36) 1,1-Dichloropropene	7.789	75	6053	4.370	ug/l	# 44
38) Carbon Tetrachloride	7.789	117	8084	5.652	ug/l	# 19
76) 1,2,3-Trichloropropane	12.483	75	26743	40.060	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	26743	83.006	ug/l	# 13

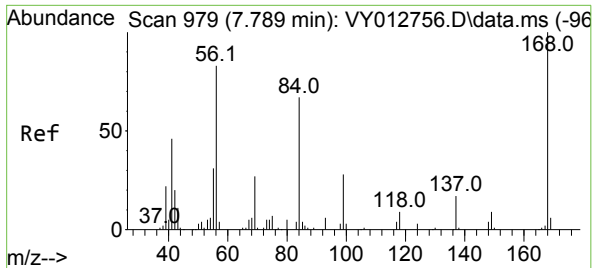
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
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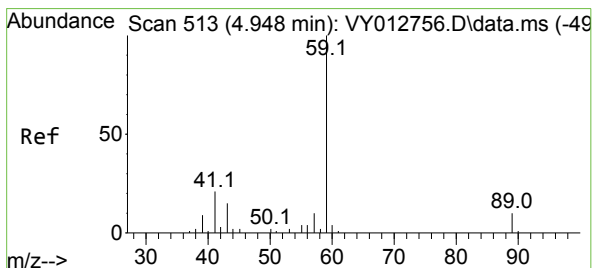
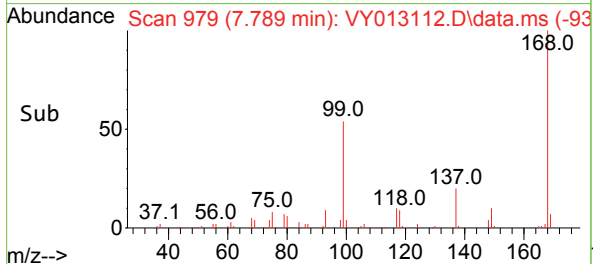
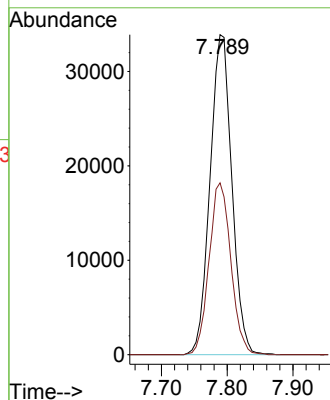
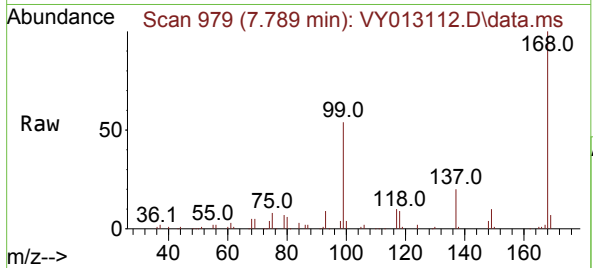




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

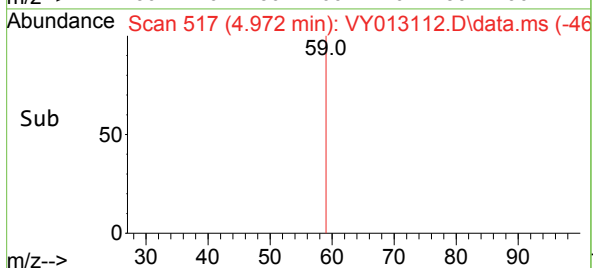
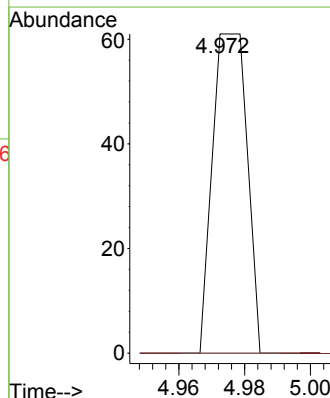
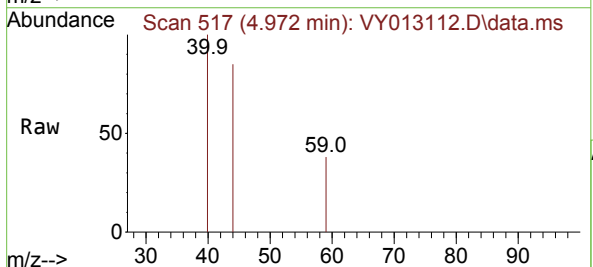
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL1-0327

Tgt Ion:168 Resp: 78327
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Tgt Ion: 59 Resp: 45
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

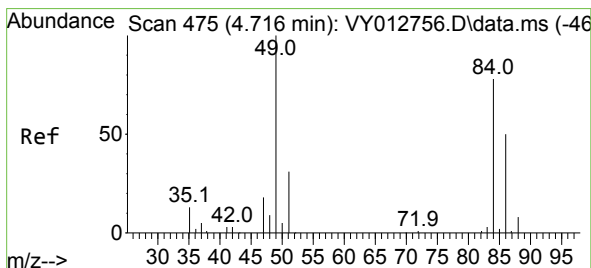
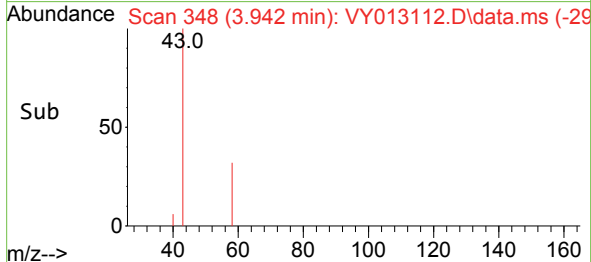
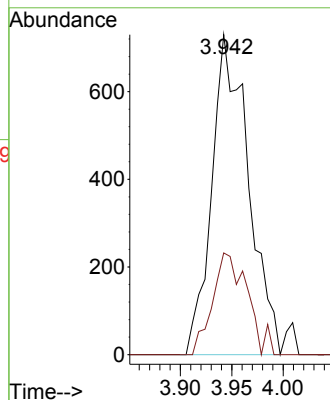
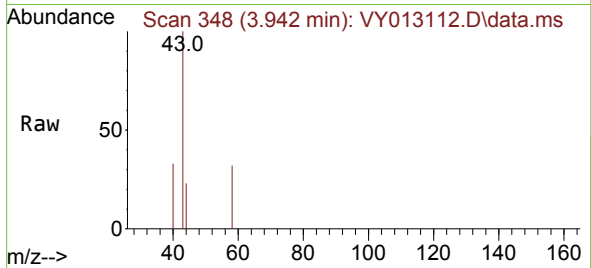




#16
Acetone
Concen: 5.923 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

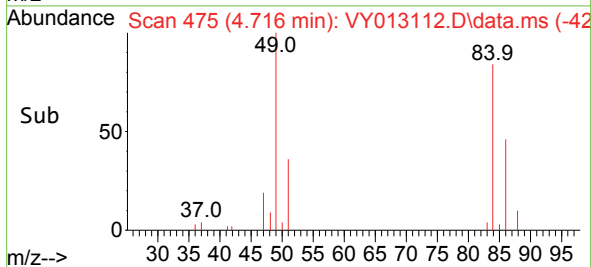
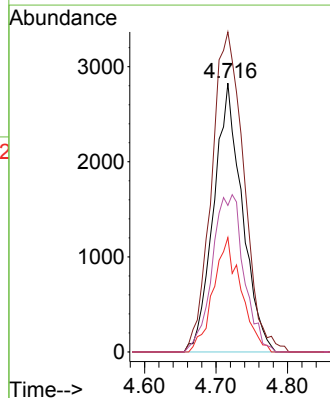
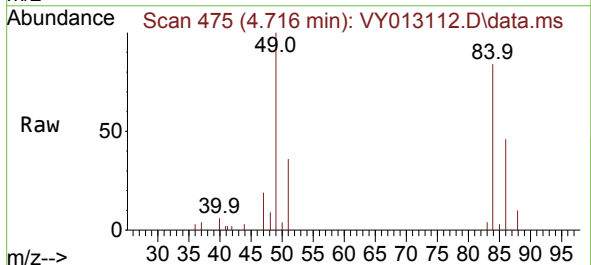
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL1-0327

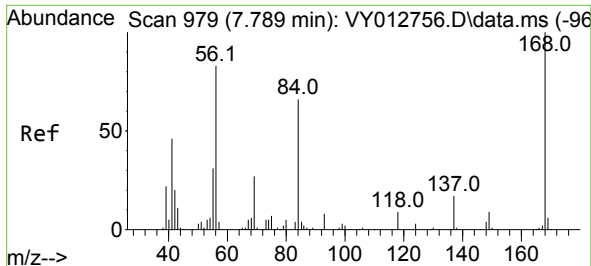
Tgt Ion: 43 Resp: 1808
Ion Ratio Lower Upper
43 100
58 31.8 24.2 36.2



#20
Methylene Chloride
Concen: 3.406 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Tgt Ion: 84 Resp: 7836
Ion Ratio Lower Upper
84 100
49 119.0 102.6 154.0
51 42.6 31.9 47.9
86 54.5 51.0 76.6

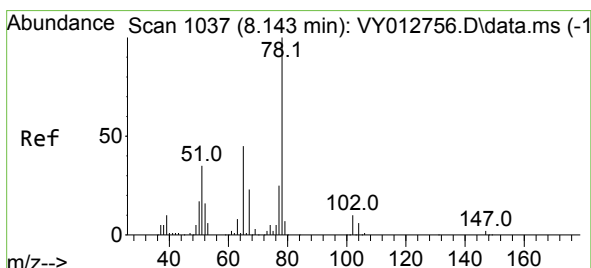
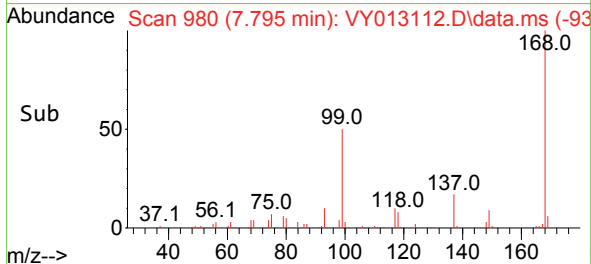
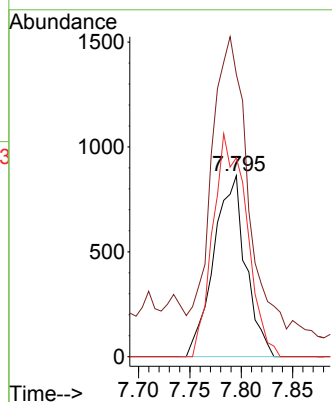
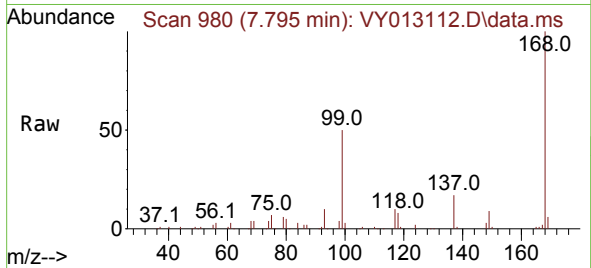




#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

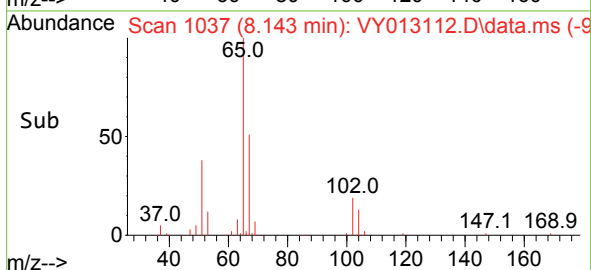
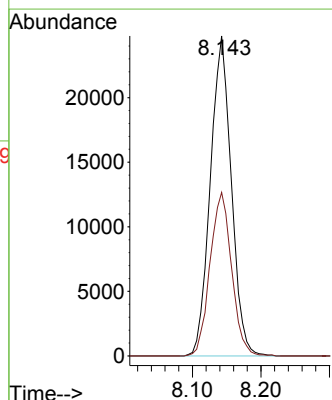
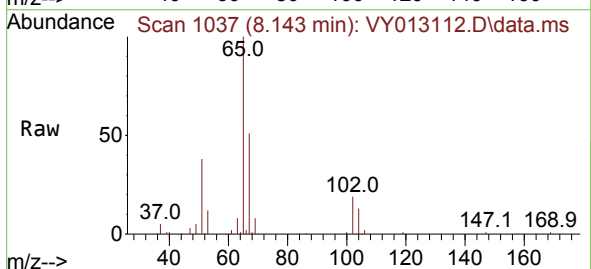
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL1-0327

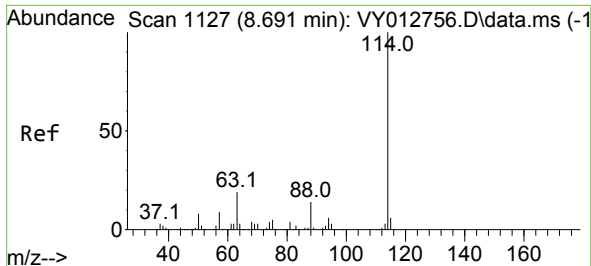
Tgt Ion: 56 Resp: 1867
Ion Ratio Lower Upper
56 100
69 131.4 25.7 38.5#
84 109.8 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 67.700 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Tgt Ion: 65 Resp: 52649
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

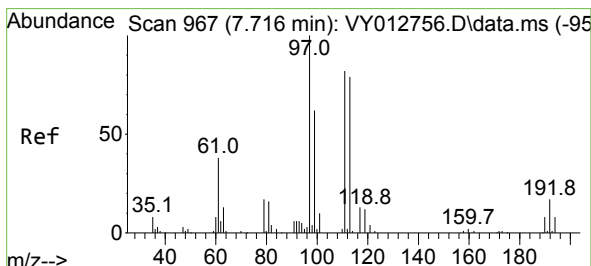
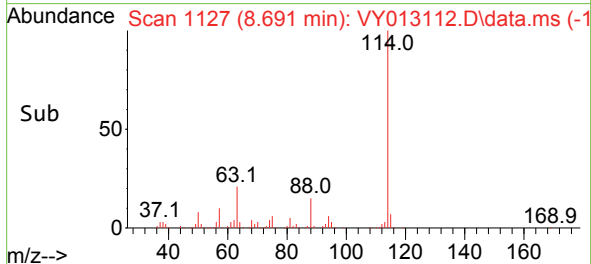
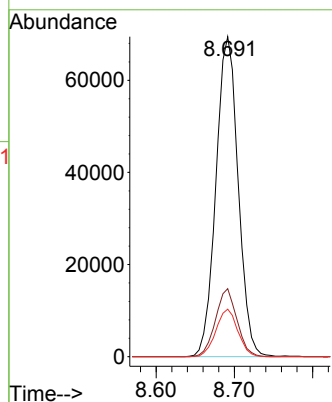
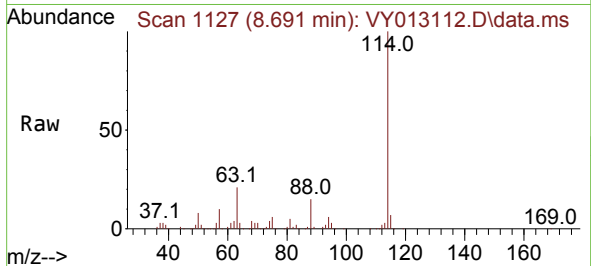




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

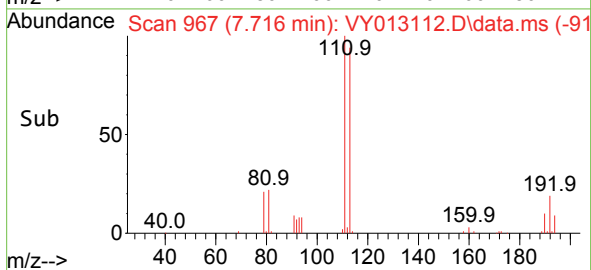
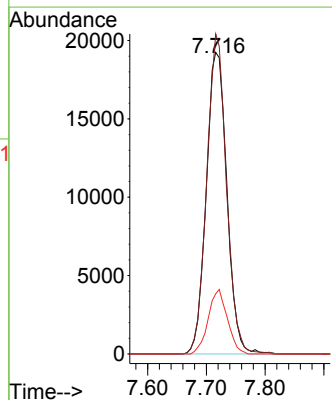
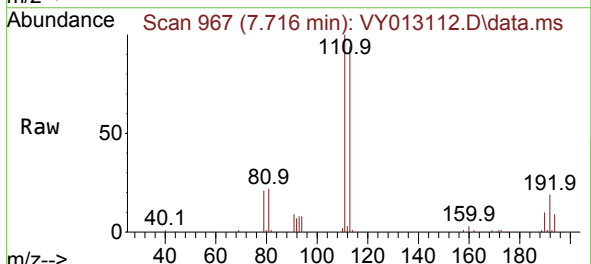
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL1-0327

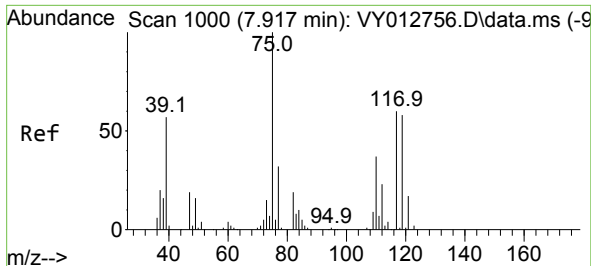
Tgt Ion:114 Resp: 136957
Ion Ratio Lower Upper
114 100
63 21.3 0.0 37.4
88 14.8 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.887 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Tgt Ion:113 Resp: 47019
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 19.8 16.8 25.2

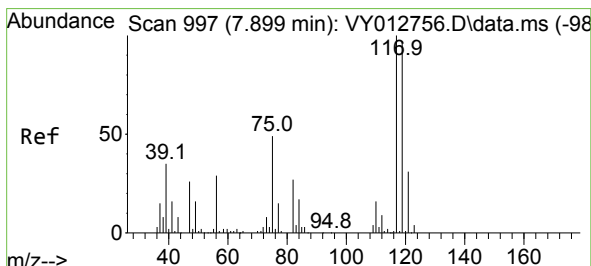
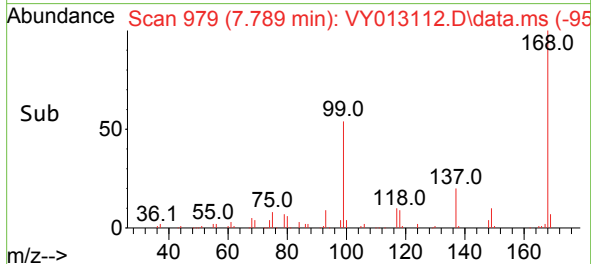
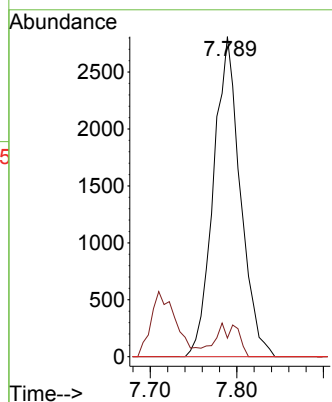
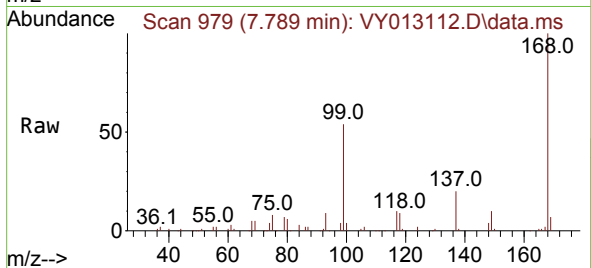




#36
1,1-Dichloropropene
Concen: 4.370 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

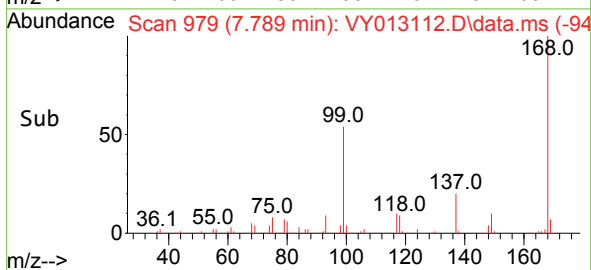
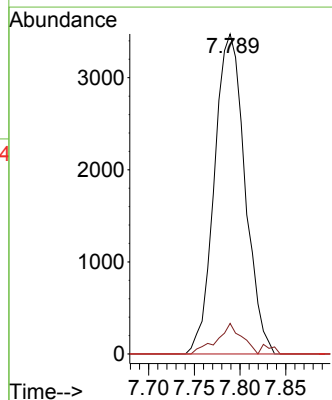
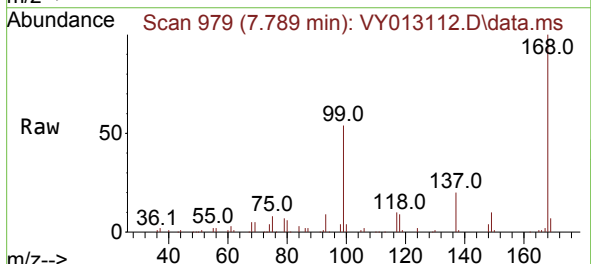
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL1-0327

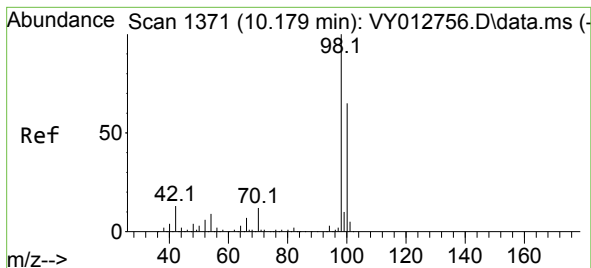
Tgt Ion: 75 Resp: 6053
Ion Ratio Lower Upper
75 100
110 2.7 17.8 53.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Tgt Ion: 117 Resp: 8084
Ion Ratio Lower Upper
117 100
119 9.6 77.2 115.8#
121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 53.938 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013112.D

Acq: 28 Mar 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

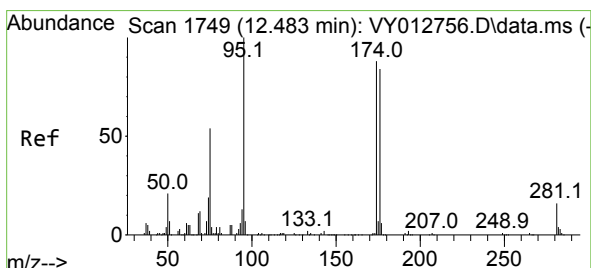
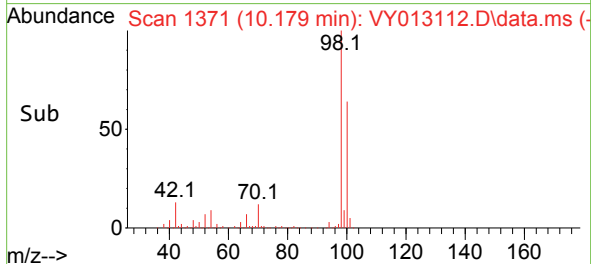
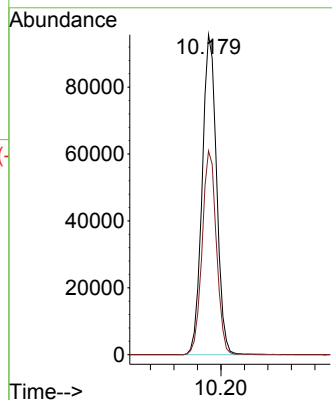
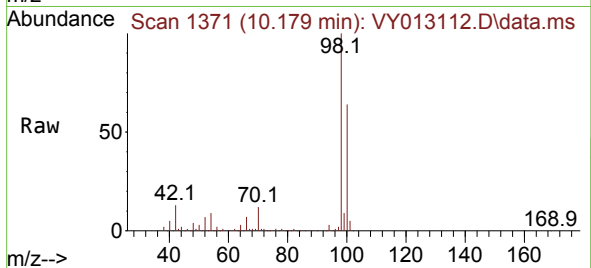
WV-SOIL1-0327

Tgt Ion: 98 Resp: 162981

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 50.003 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013112.D

Acq: 28 Mar 2023 13:27

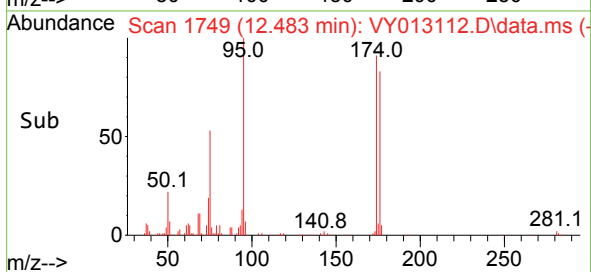
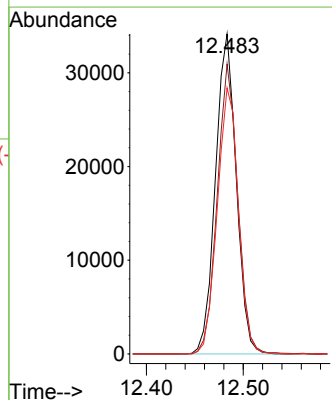
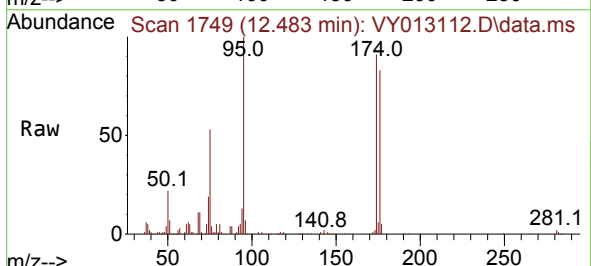
Tgt Ion: 95 Resp: 50997

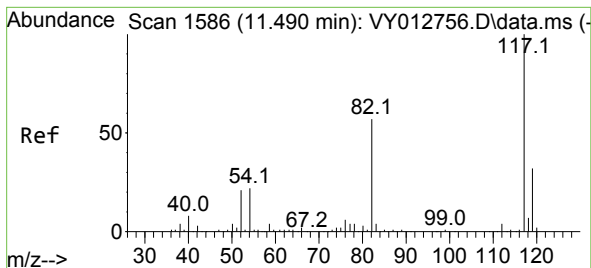
Ion Ratio Lower Upper

95 100

174 89.4 0.0 176.6

176 84.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013112.D

Acq: 28 Mar 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

WV-SOIL1-0327

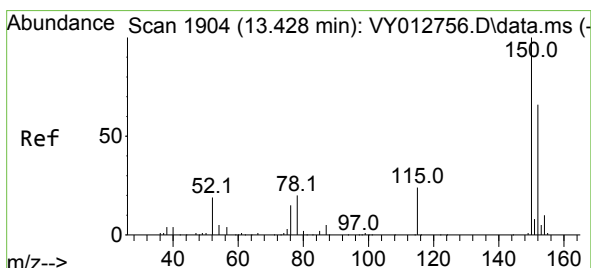
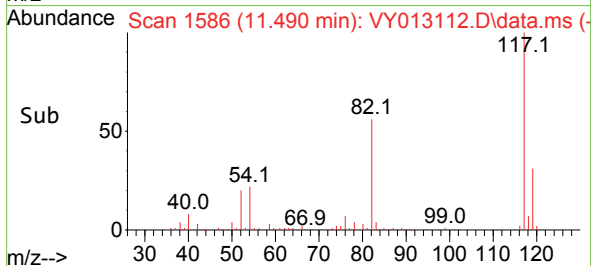
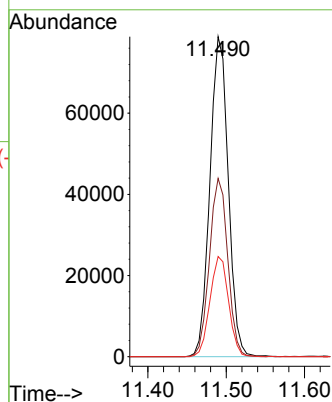
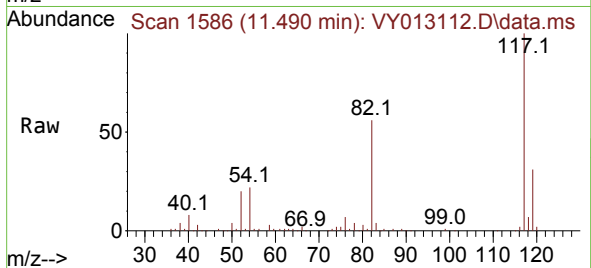
Tgt Ion:117 Resp: 128222

Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.0

119 31.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013112.D

Acq: 28 Mar 2023 13:27

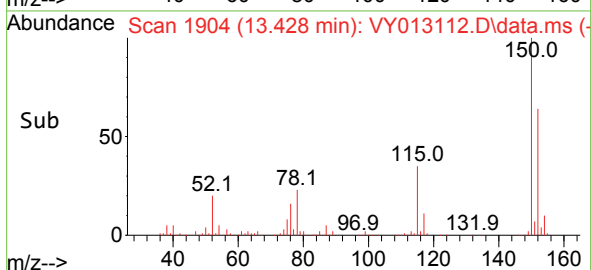
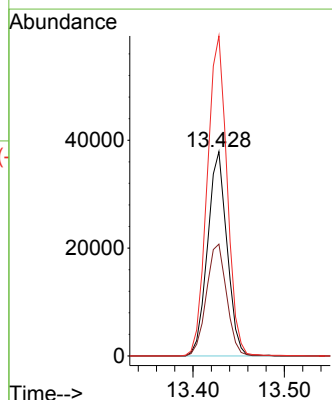
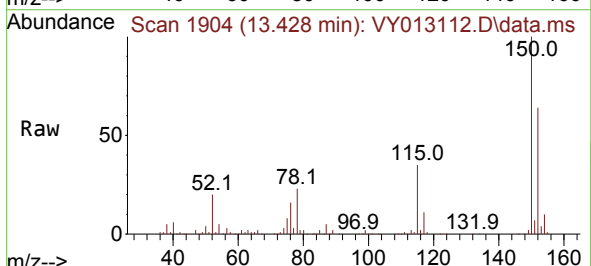
Tgt Ion:152 Resp: 55903

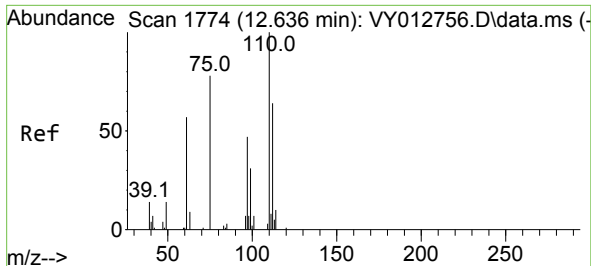
Ion Ratio Lower Upper

152 100

115 57.0 27.1 81.3

150 160.2 0.0 347.8

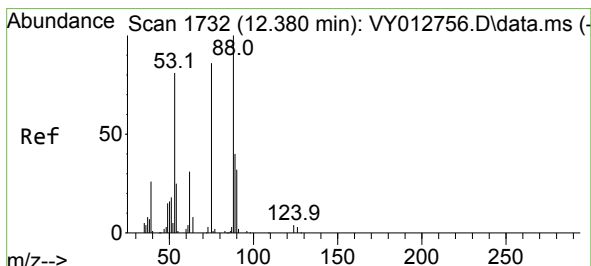
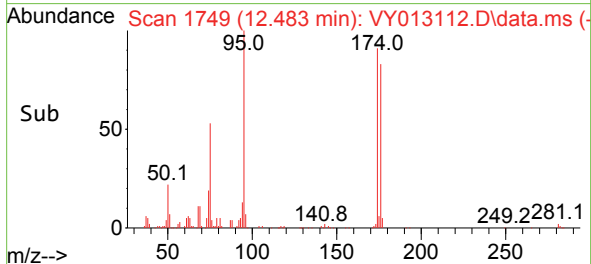
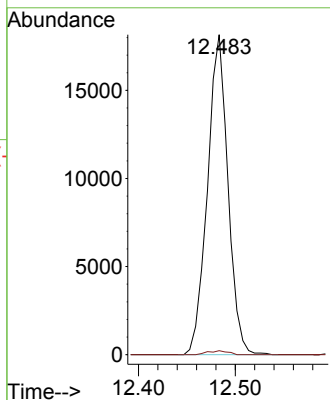
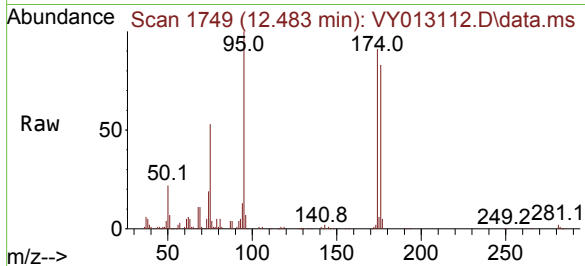




#76
1,2,3-Trichloropropane
Concen: 40.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL1-0327

Tgt Ion: 75 Resp: 26743
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013112.D
Acq: 28 Mar 2023 13:27

Tgt Ion: 75 Resp: 26743
Ion Ratio Lower Upper
75 100
53 0.2 73.4 110.0#
89 0.0 36.6 55.0#

