

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013113.D
 Acq On : 28 Mar 2023 13:50
 Operator : KP/MD
 Sample : 02105-04
 Misc : 6.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WV-SOIL2-0327

Quant Time: Mar 29 02:28:34 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)

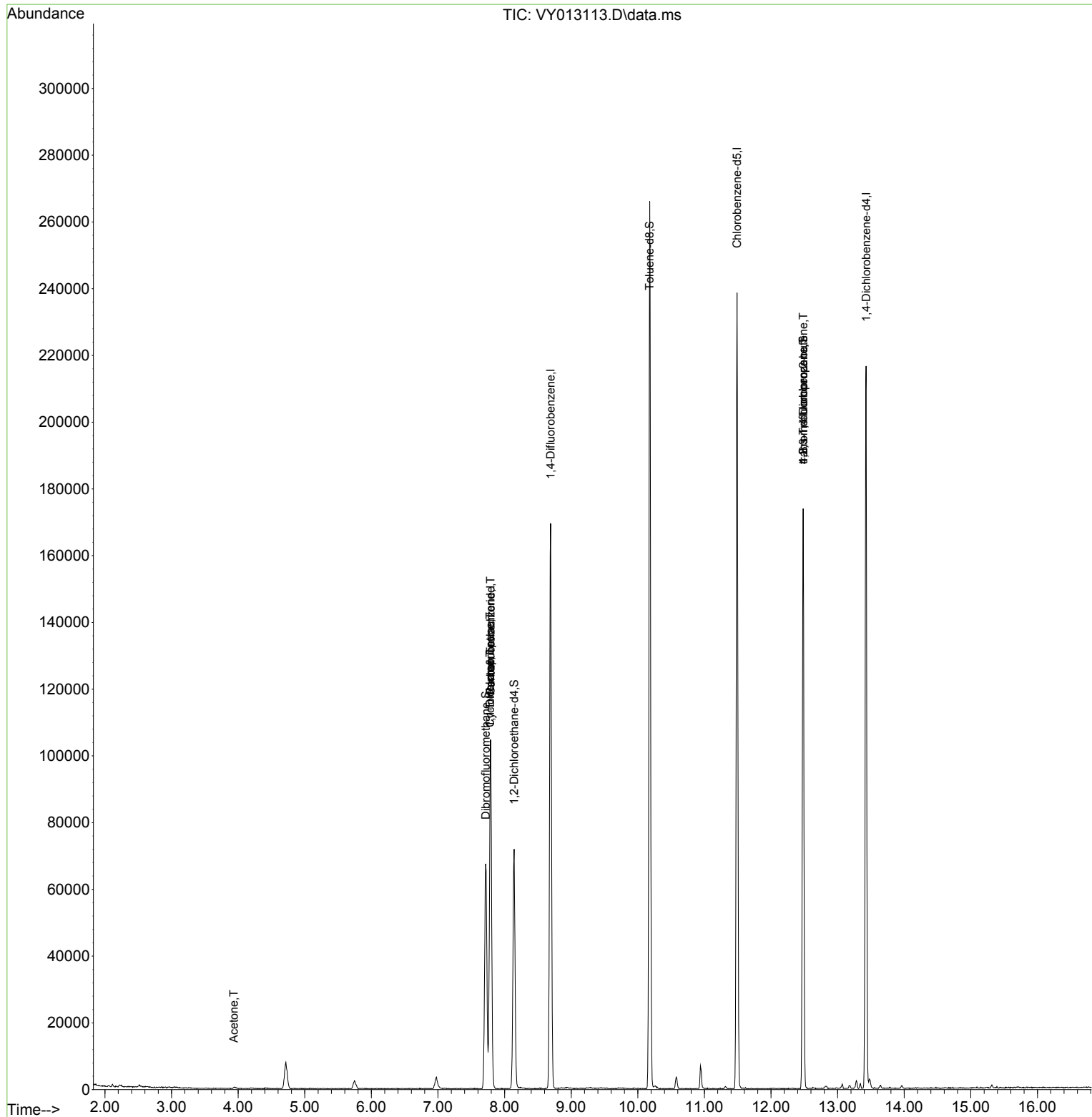
Internal Standards						
1) Pentafluorobenzene	7.789	168	79217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	129587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	54044	68.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.420%	
35) Dibromofluoromethane	7.716	113	47607	56.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.500%	
50) Toluene-d8	10.179	98	167486	54.614	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.220%	
62) 4-Bromofluorobenzene	12.483	95	51051	49.321	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	102	Below Cal	#	74
16) Acetone	3.936	43	427	1.383	ug/l #	81
31) Cyclohexane	7.783	56	1819	1.208	ug/l #	4
36) 1,1-Dichloropropene	7.783	75	6354	4.520	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7759	5.345	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	26414	40.652	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26414	84.231	ug/l #	13

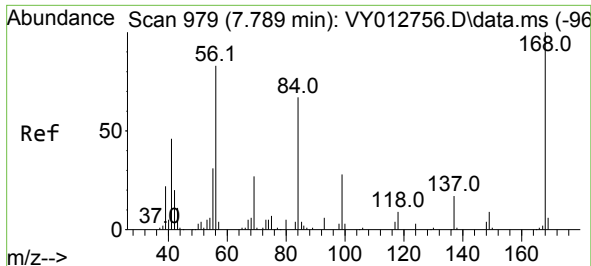
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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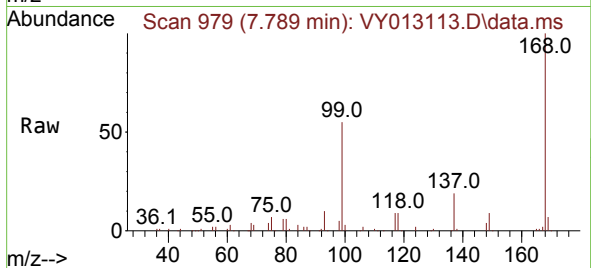
Quant Time: Mar 29 02:28:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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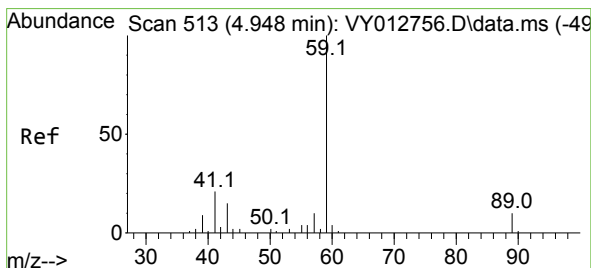
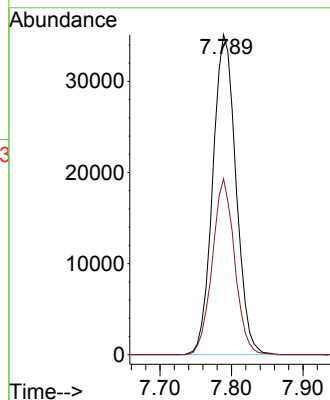
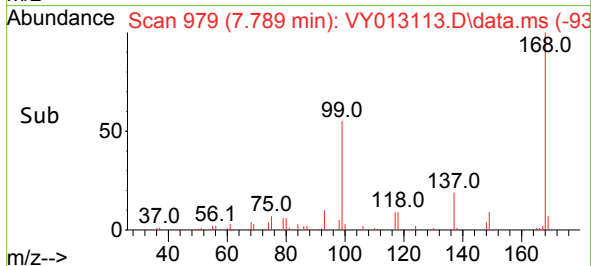


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL2-0327

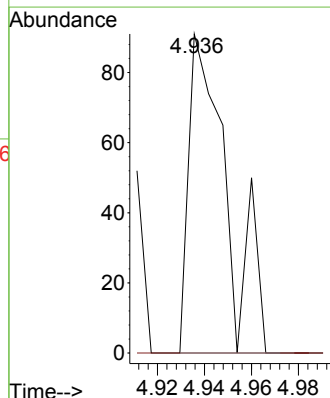
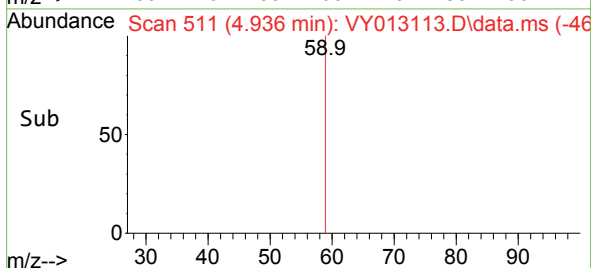
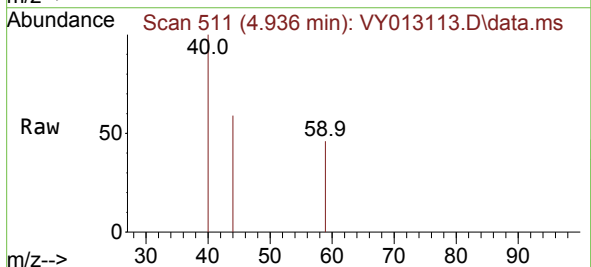


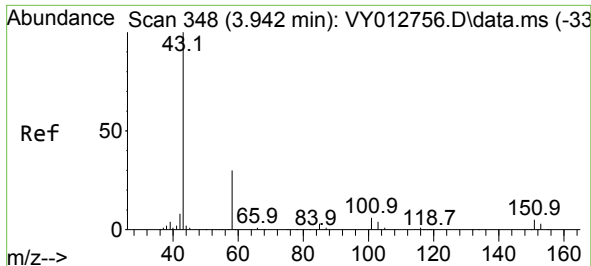
Tgt Ion:168 Resp: 79217
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

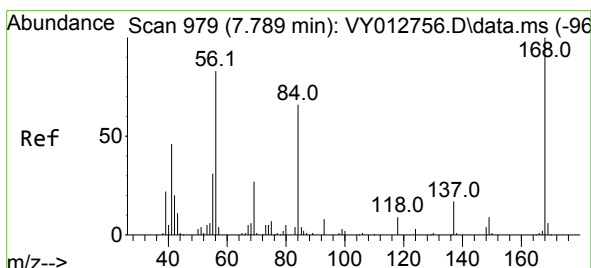
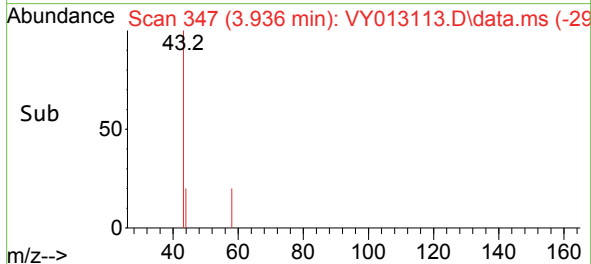
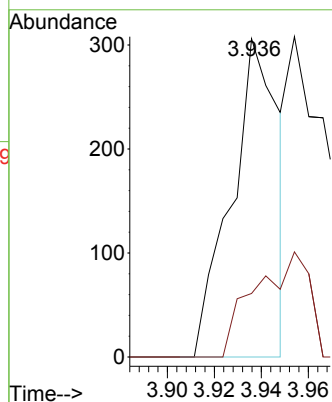
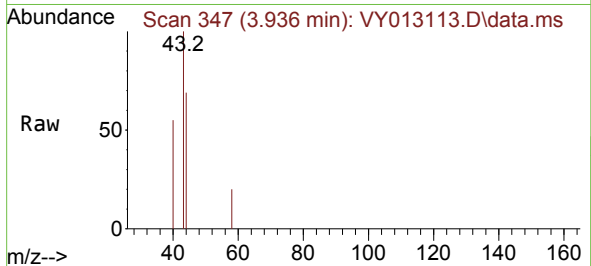




#16
Acetone
Concen: 1.383 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

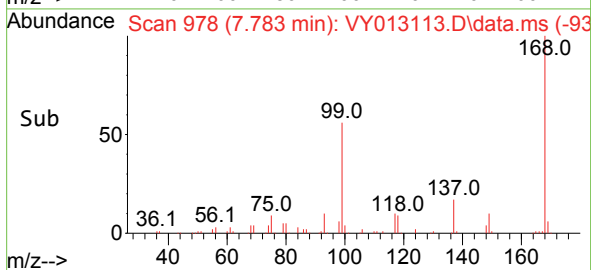
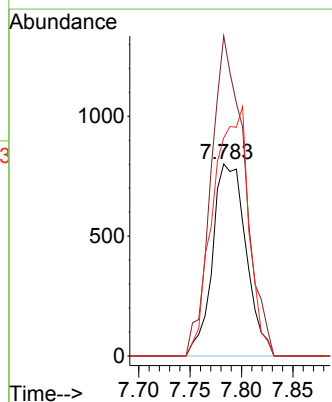
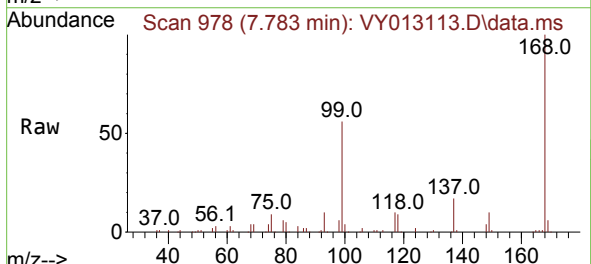
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL2-0327

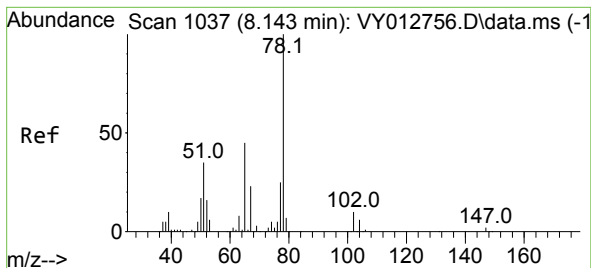
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 19.9 24.2 36.2#



#31
Cyclohexane
Concen: 1.208 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

Tgt Ion: 56 Resp: 1819
Ion Ratio Lower Upper
56 100
69 166.7 25.7 38.5#
84 113.6 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 68.713 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY013113.D

Acq: 28 Mar 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

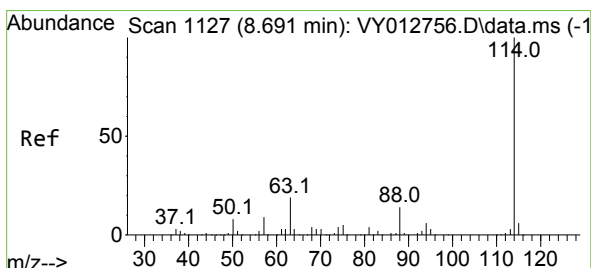
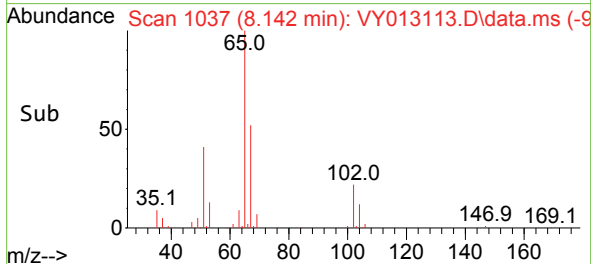
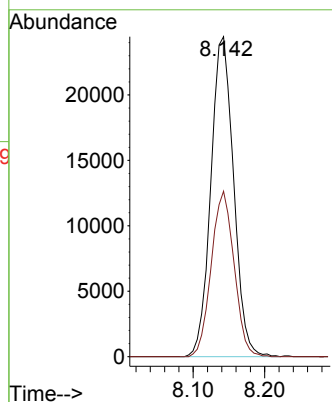
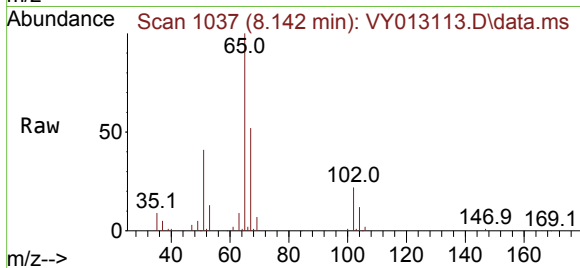
WV-SOIL2-0327

Tgt Ion: 65 Resp: 54044

Ion Ratio Lower Upper

65 100

67 51.8 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: VY013113.D

Acq: 28 Mar 2023 13:50

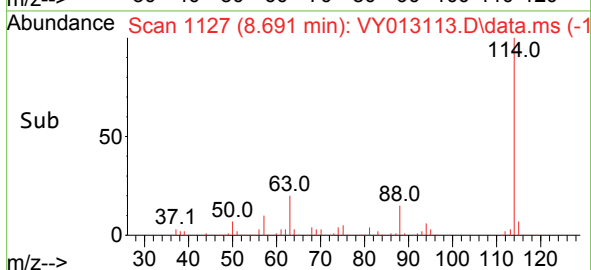
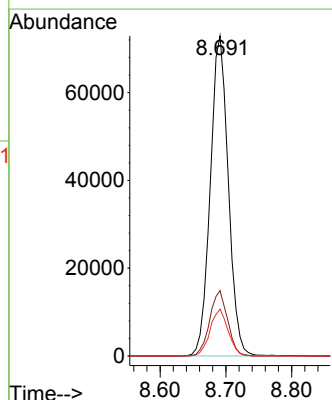
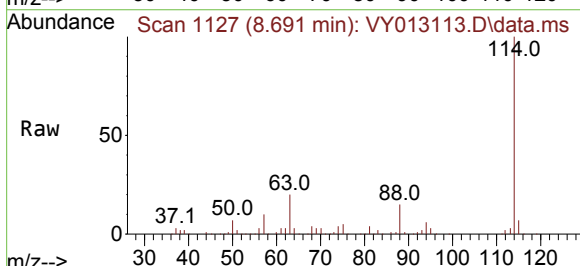
Tgt Ion: 114 Resp: 138999

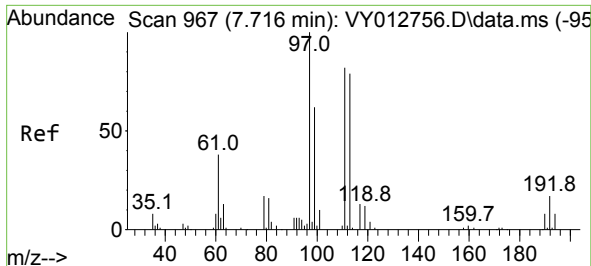
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.6 0.0 28.6

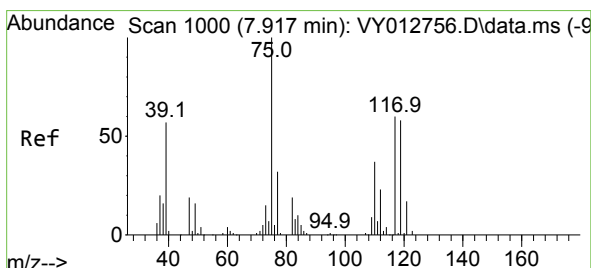
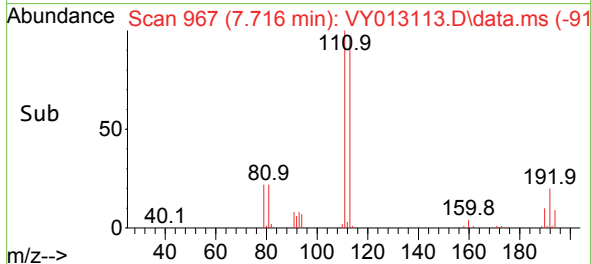
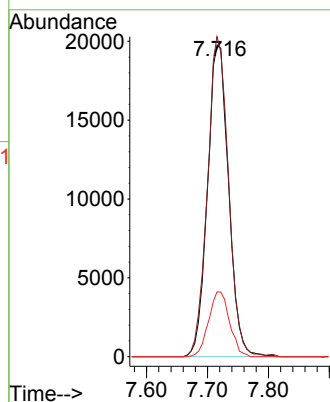
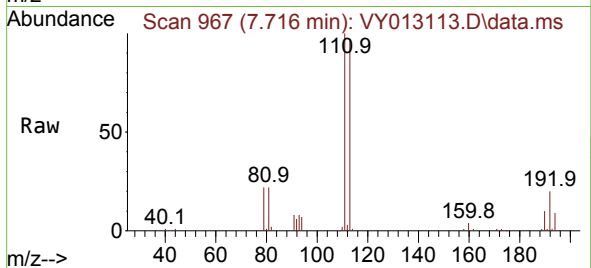




#35
Dibromofluoromethane
Concen: 56.752 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

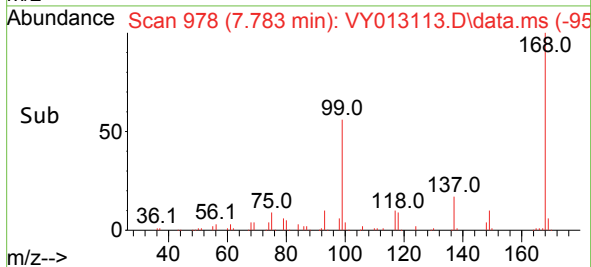
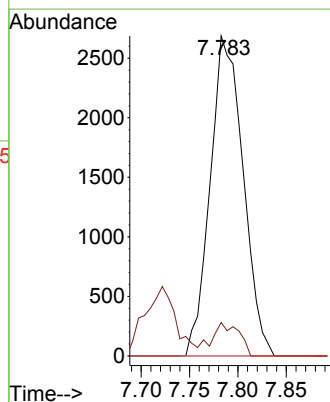
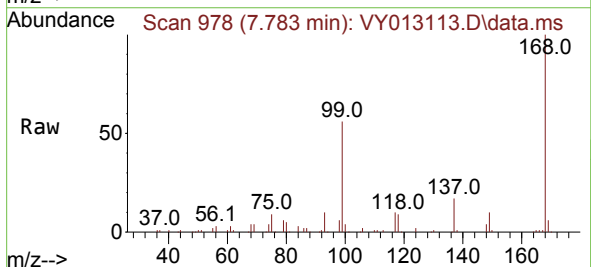
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL2-0327

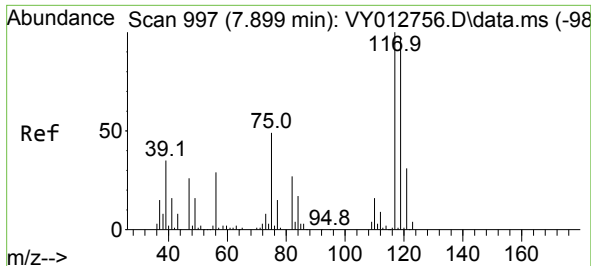
Tgt Ion:113 Resp: 47607
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 20.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.520 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

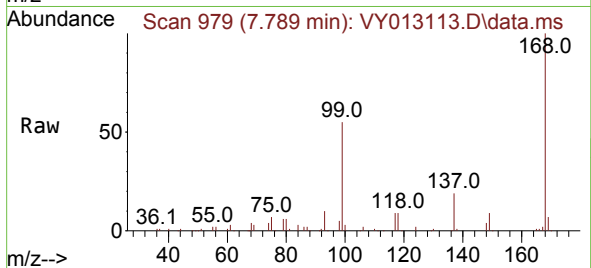
Tgt Ion: 75 Resp: 6354
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.3#
77 0.0 25.0 37.4#



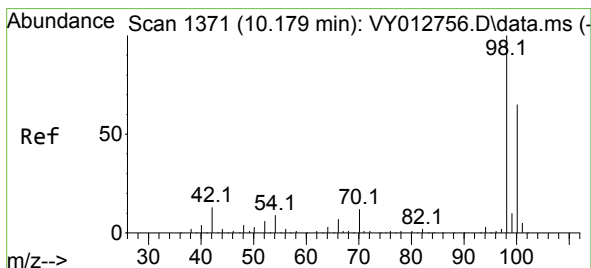
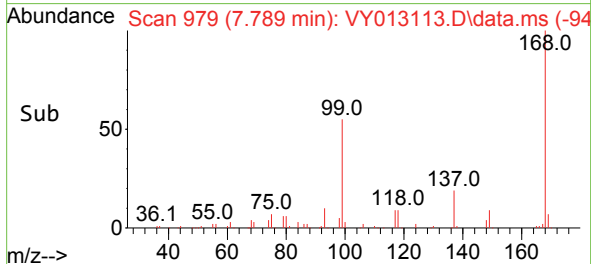
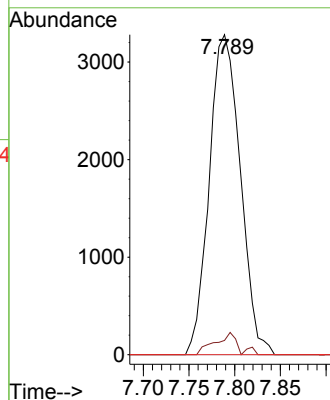


#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL2-0327

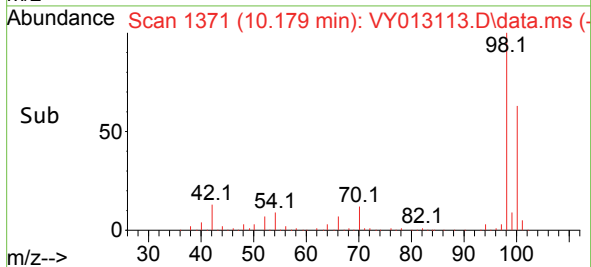
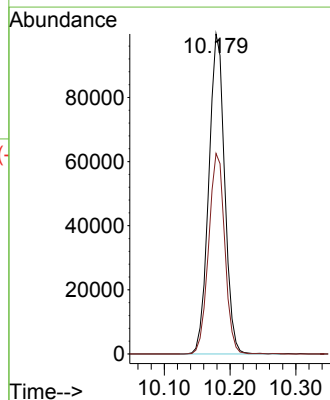
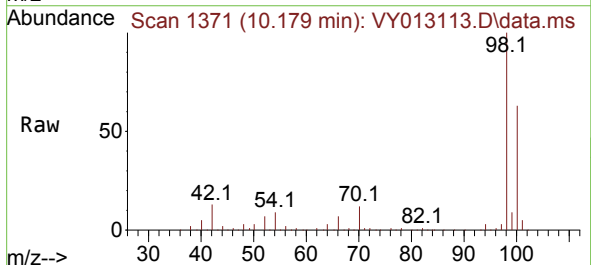


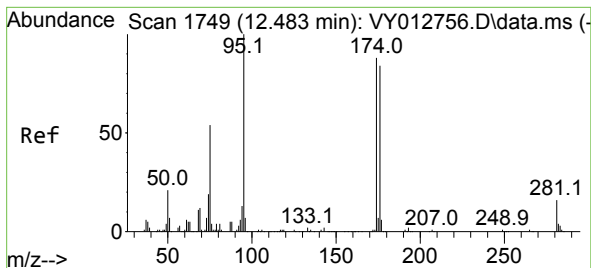
Tgt Ion:117 Resp: 7759
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.614 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

Tgt Ion: 98 Resp: 167486
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

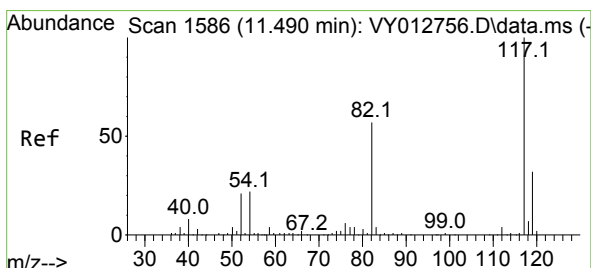
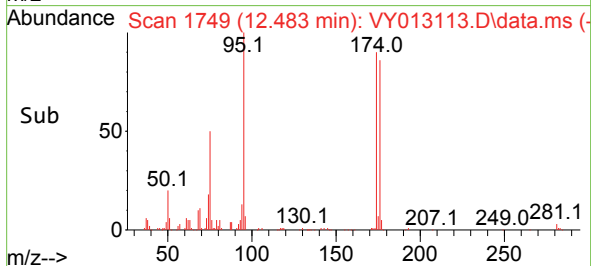
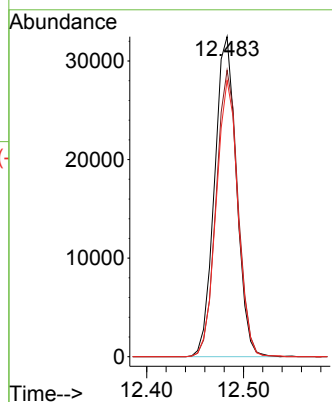
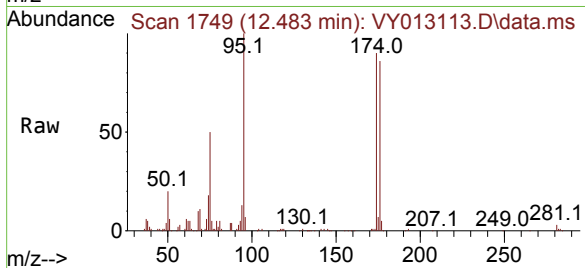




#62
4-Bromofluorobenzene
Concen: 49.321 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

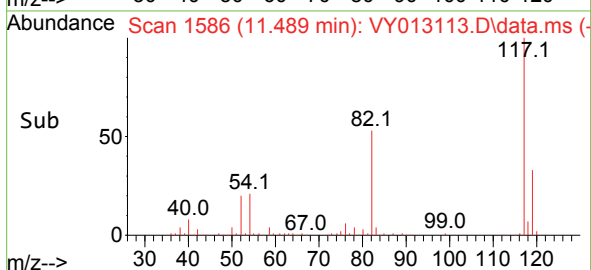
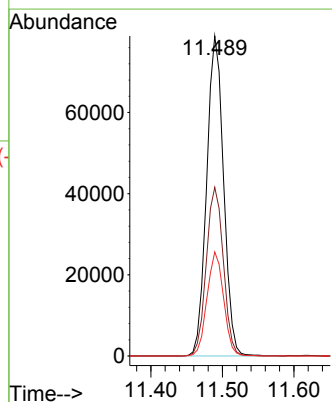
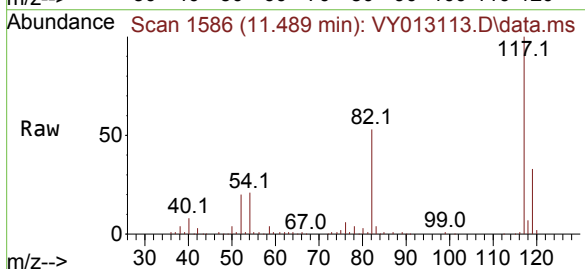
Instrument :
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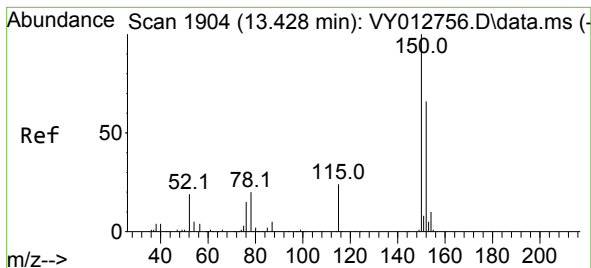
Tgt Ion: 95 Resp: 51051
Ion Ratio Lower Upper
95 100
174 89.4 0.0 176.6
176 85.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013113.D
Acq: 28 Mar 2023 13:50

Tgt Ion: 117 Resp: 129587
Ion Ratio Lower Upper
117 100
82 52.7 45.4 68.0
119 32.5 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: VY013113.D

Acq: 28 Mar 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

WV-SOIL2-0327

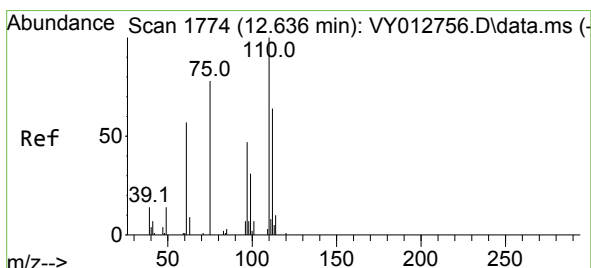
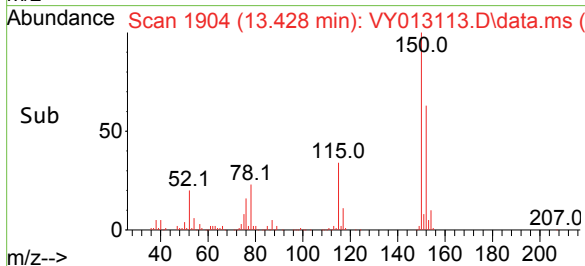
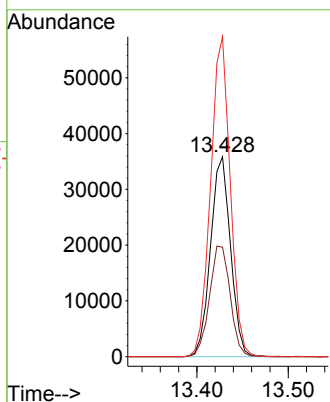
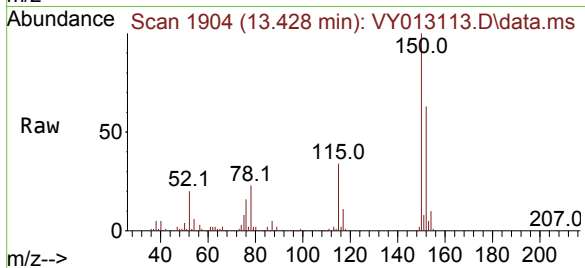
Tgt Ion:152 Resp: 54412

Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 157.1 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 40.652 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY013113.D

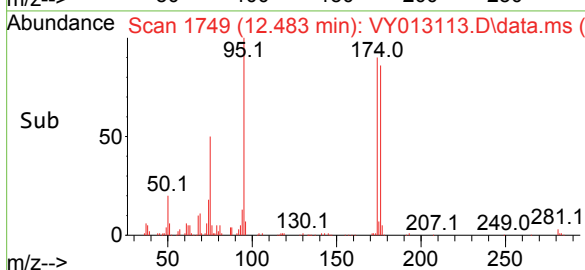
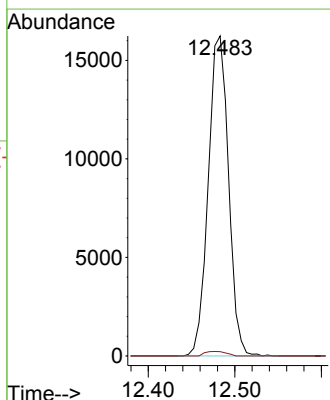
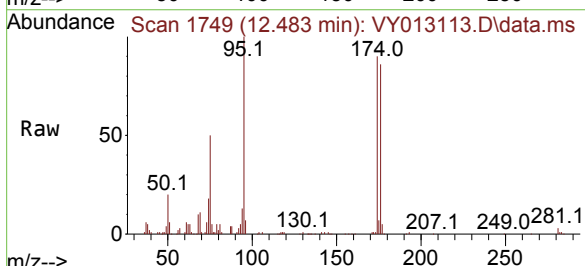
Acq: 28 Mar 2023 13:50

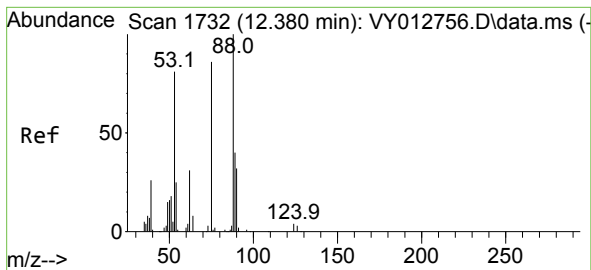
Tgt Ion: 75 Resp: 26414

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.231 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY013113.D
 Acq: 28 Mar 2023 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 WV-SOIL2-0327

Tgt Ion: 75 Resp: 26414
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

