

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013114.D
 Acq On : 28 Mar 2023 14:14
 Operator : KP/MD
 Sample : 02105-07
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WV-SOIL3-0327

Quant Time: Mar 29 02:28:51 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)

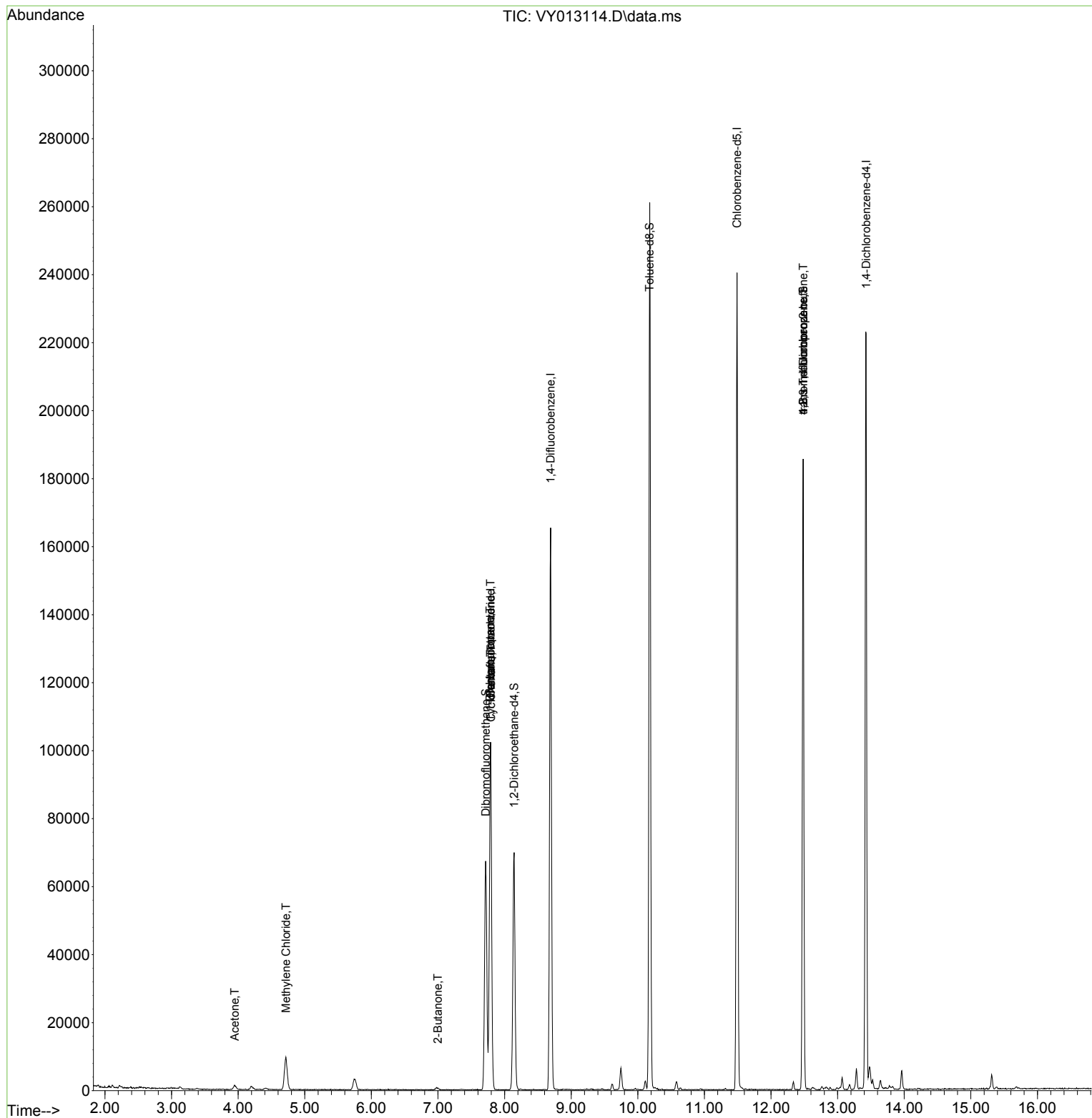
Internal Standards						
1) Pentafluorobenzene	7.789	168	79622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51858	65.598	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.200%			
35) Dibromofluoromethane	7.716	113	47412	57.449	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.900%			
50) Toluene-d8	10.179	98	167035	55.363	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.720%			
62) 4-Bromofluorobenzene	12.483	95	50690	49.777	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	20	Below Cal	#	74
16) Acetone	3.948	43	2468	7.954	ug/l	93
20) Methylene Chloride	4.716	84	6472	1.638	ug/l	86
25) 2-Butanone	6.996	43	789	2.053	ug/l #	88
31) Cyclohexane	7.795	56	1691	1.117	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	5926	4.285	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7884	5.520	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	27350	39.035	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27350	80.881	ug/l #	13

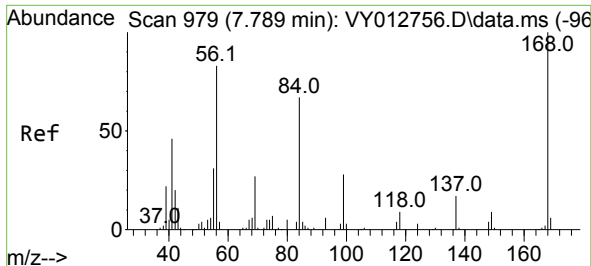
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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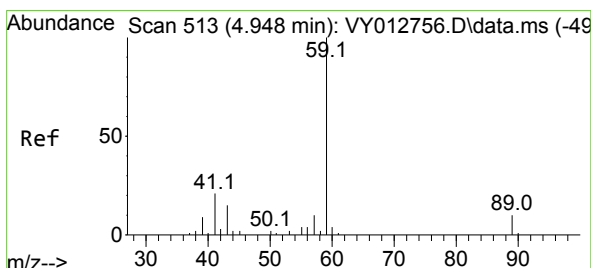
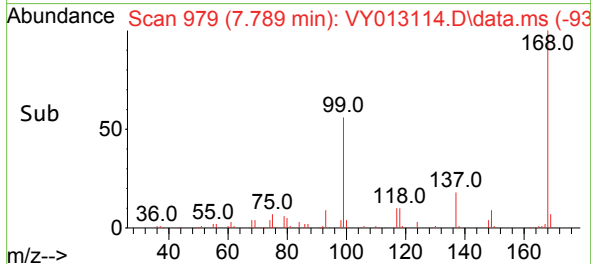
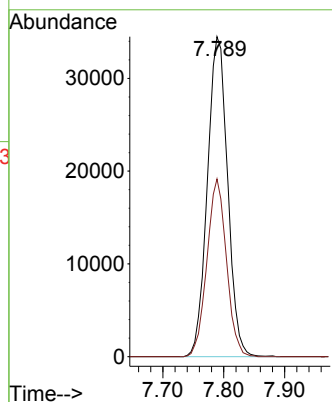
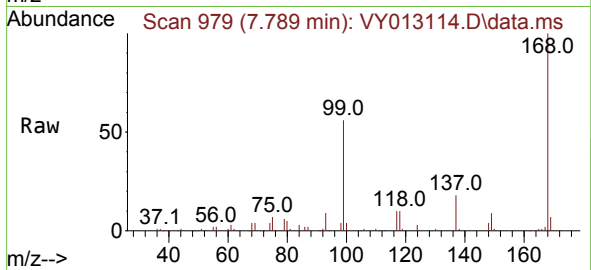




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

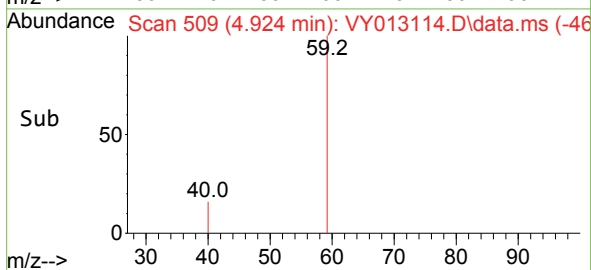
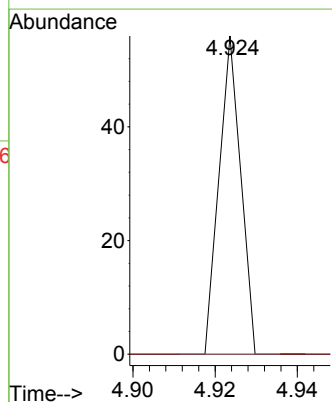
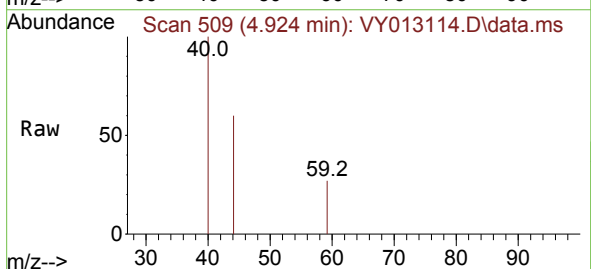
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL3-0327

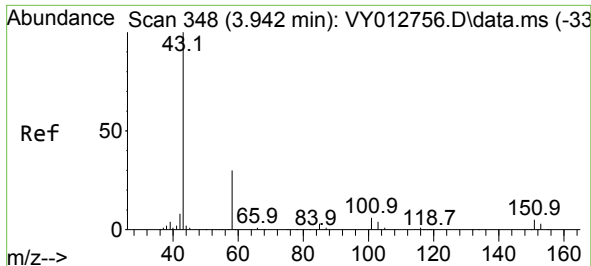
Tgt Ion:168 Resp: 79622
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 7.954 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY013114.D

Acq: 28 Mar 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

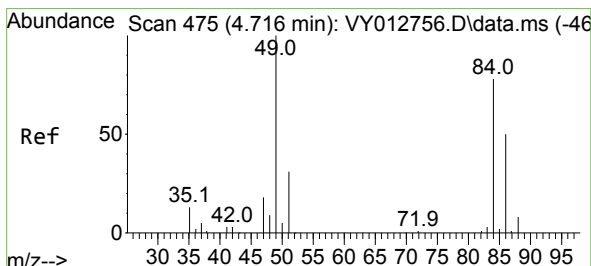
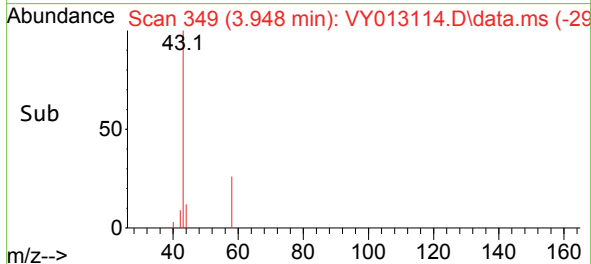
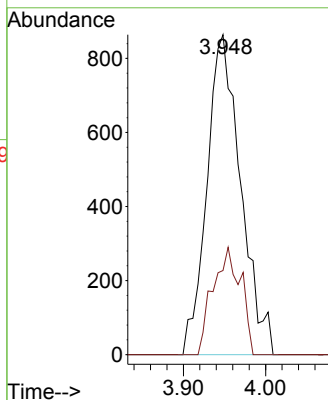
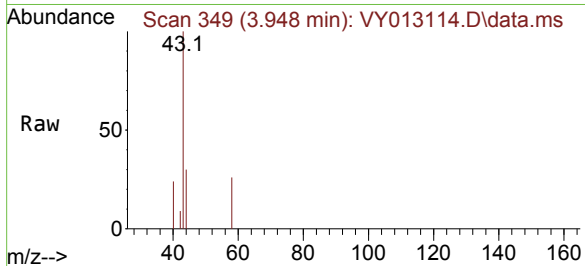
WV-SOIL3-0327

Tgt Ion: 43 Resp: 2468

Ion Ratio Lower Upper

43 100

58 26.3 24.2 36.2



#20

Methylene Chloride

Concen: 1.638 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013114.D

Acq: 28 Mar 2023 14:14

Tgt Ion: 84 Resp: 6472

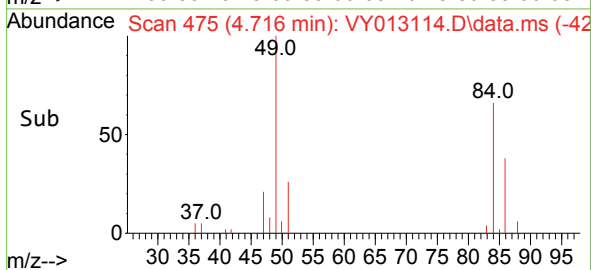
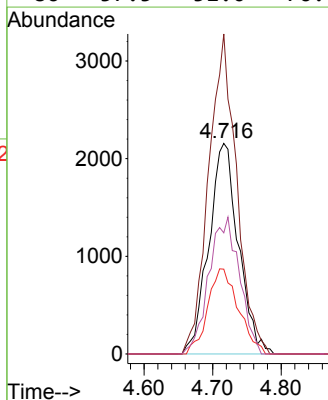
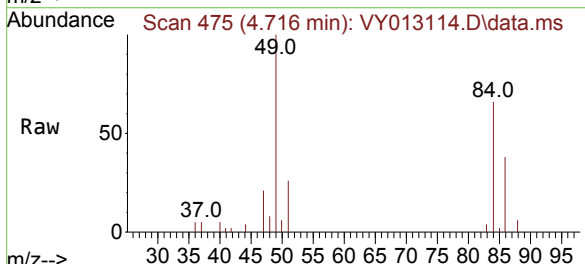
Ion Ratio Lower Upper

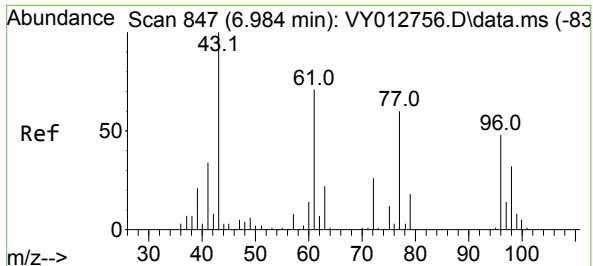
84 100

49 151.9 102.6 154.0

51 40.2 31.9 47.9

86 57.5 51.0 76.6





#25

2-Butanone

Concen: 2.053 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY013114.D

Acq: 28 Mar 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

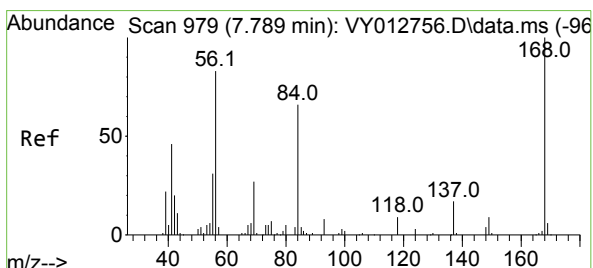
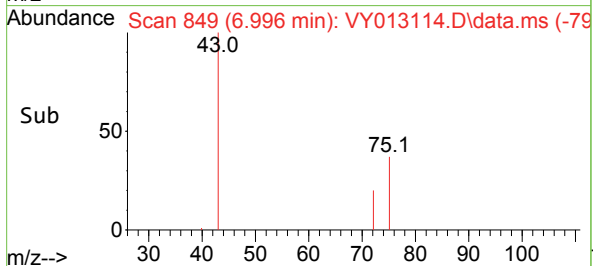
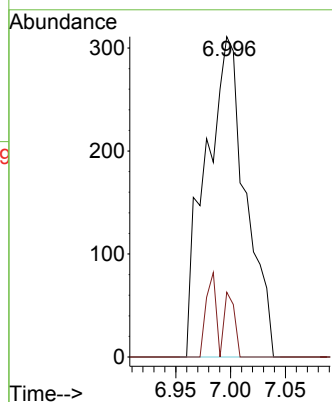
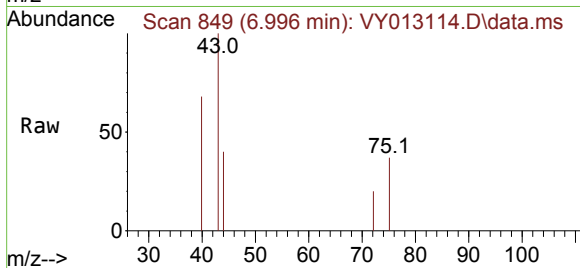
WV-SOIL3-0327

Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

72 20.3 21.0 31.4#



#31

Cyclohexane

Concen: 1.117 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY013114.D

Acq: 28 Mar 2023 14:14

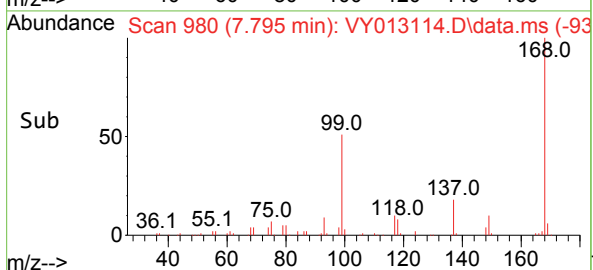
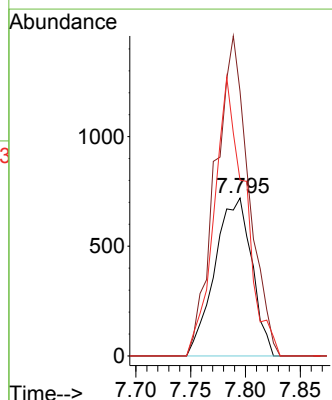
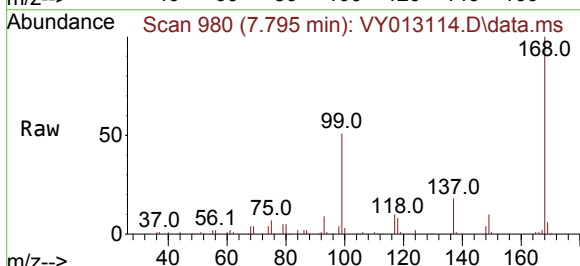
Tgt Ion: 56 Resp: 1691

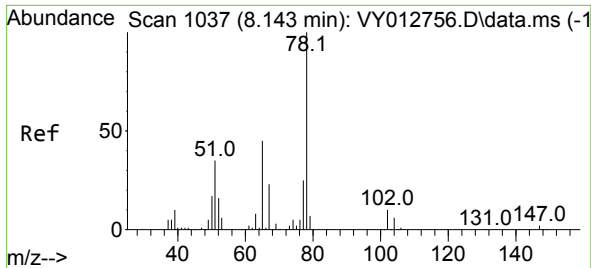
Ion Ratio Lower Upper

56 100

69 167.5 25.7 38.5#

84 111.4 64.3 96.5#

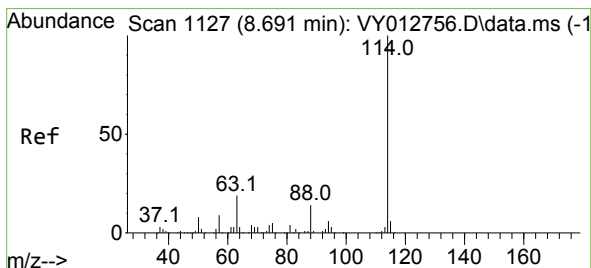
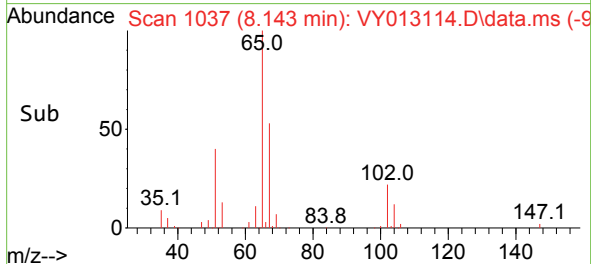
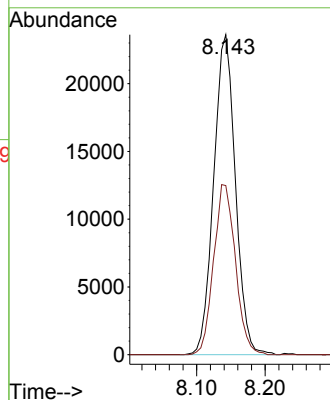
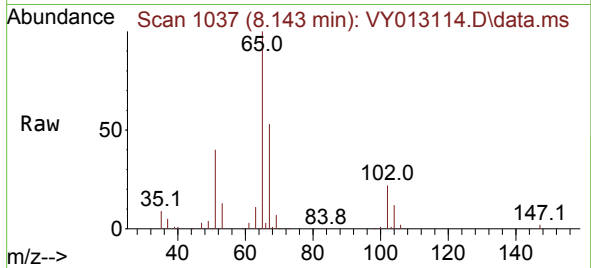




#33
 1,2-Dichloroethane-d4
 Concen: 65.598 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY013114.D
 Acq: 28 Mar 2023 14:14

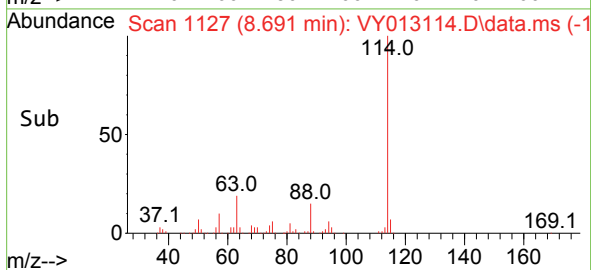
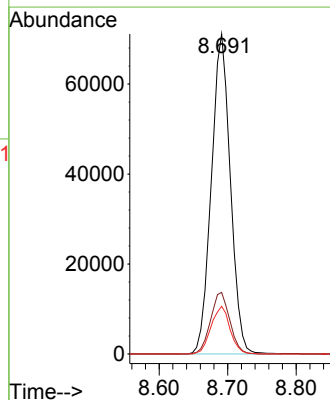
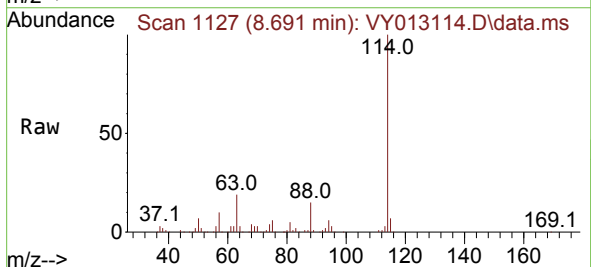
Instrument :
 MSVOA_Y
 ClientSampleId :
 WV-SOIL3-0327

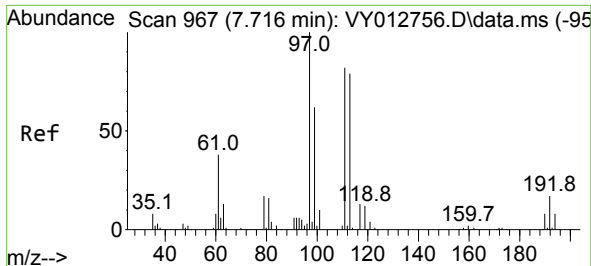
Tgt Ion: 65 Resp: 51858
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013114.D
 Acq: 28 Mar 2023 14:14

Tgt Ion: 114 Resp: 136750
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.4
 88 14.9 0.0 28.6

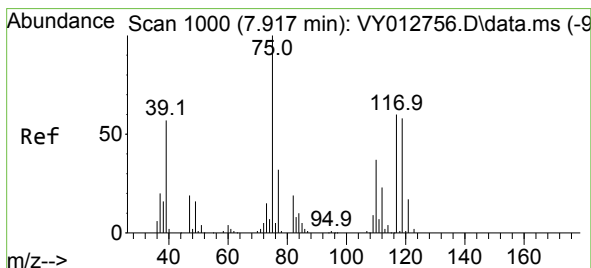
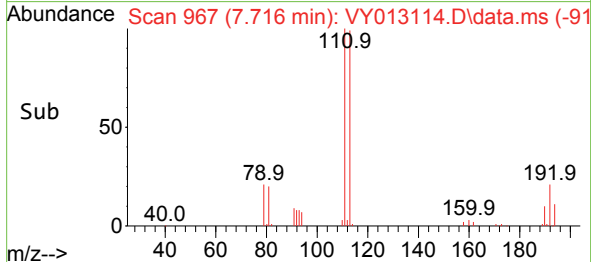
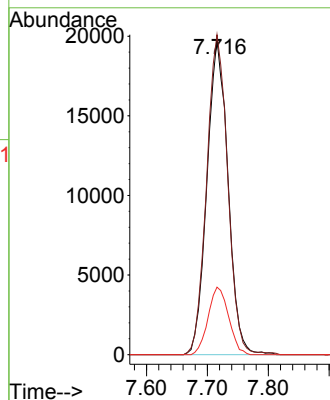
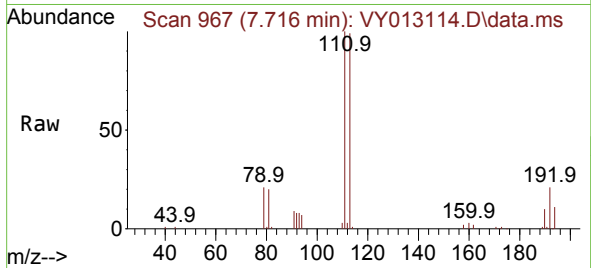




#35
Dibromofluoromethane
Concen: 57.449 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

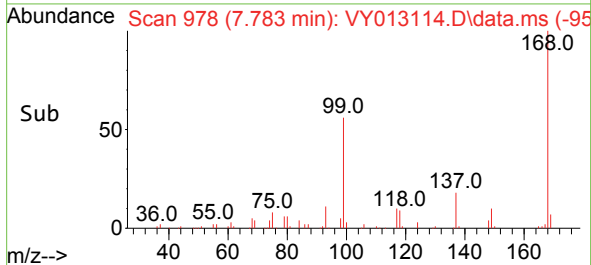
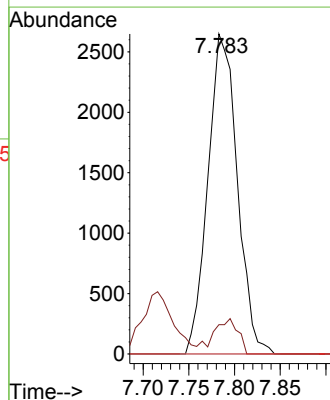
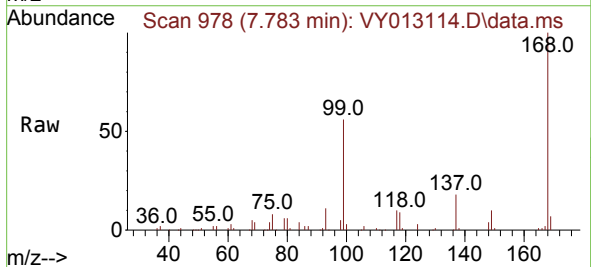
Instrument :
MSVOA_Y
ClientSampleId :
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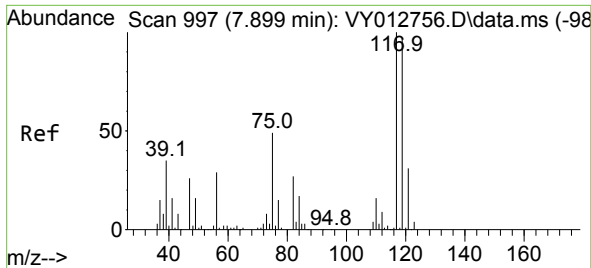
Tgt Ion:113 Resp: 47412
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.285 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

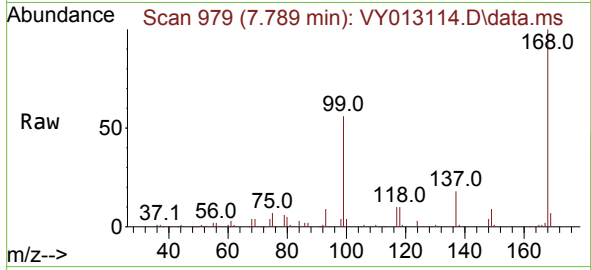
Tgt Ion: 75 Resp: 5926
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.3#
77 0.0 25.0 37.4#



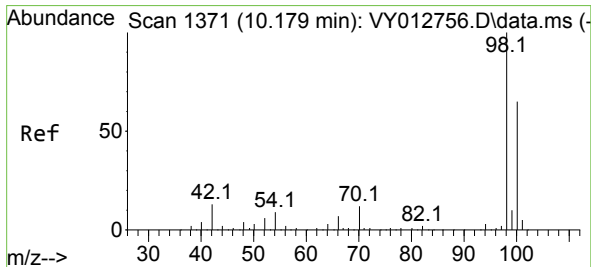
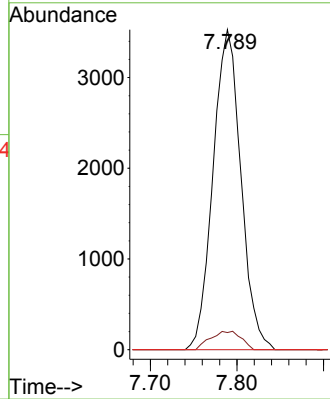
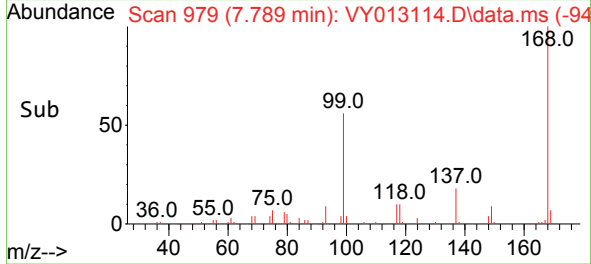


#38
Carbon Tetrachloride
Concen: 5.520 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL3-0327

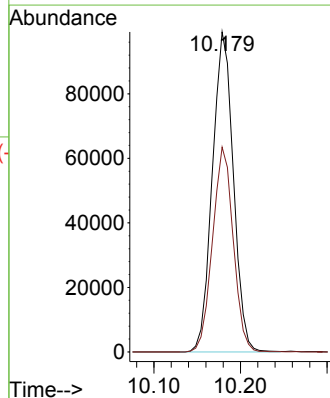
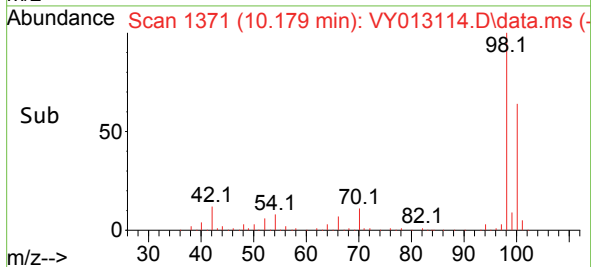
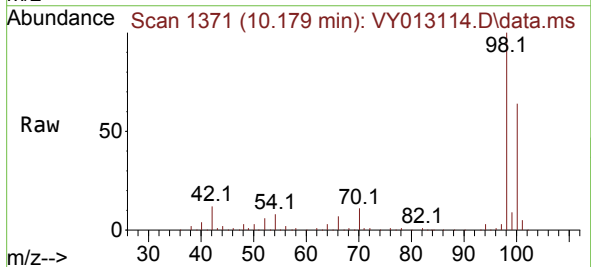


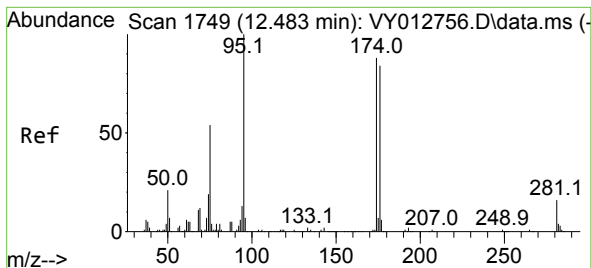
Tgt Ion:117 Resp: 7884
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.363 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

Tgt Ion: 98 Resp: 167035
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

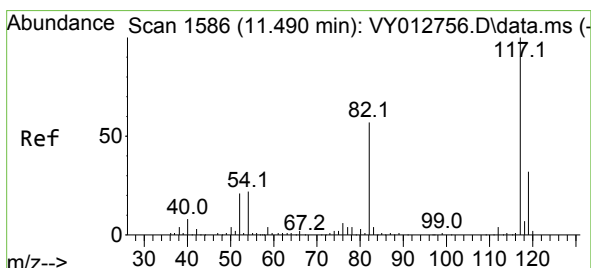
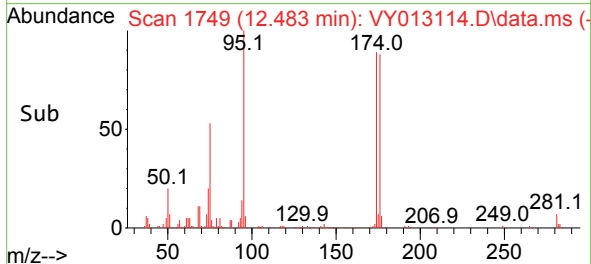
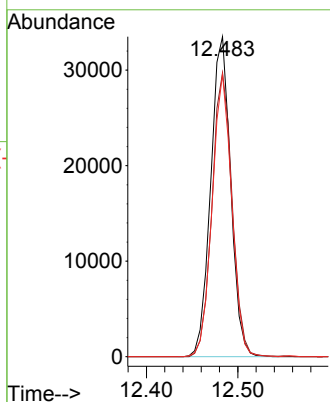
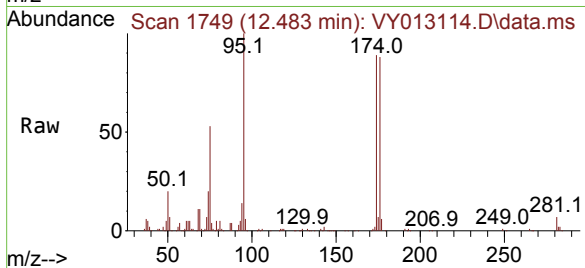




#62
4-Bromofluorobenzene
Concen: 49.777 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

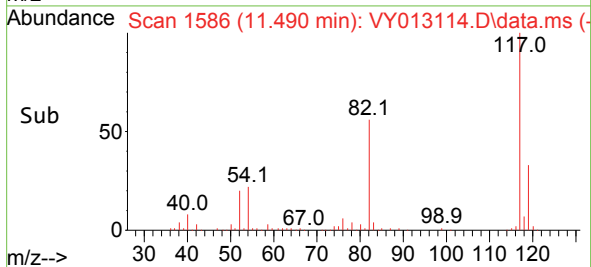
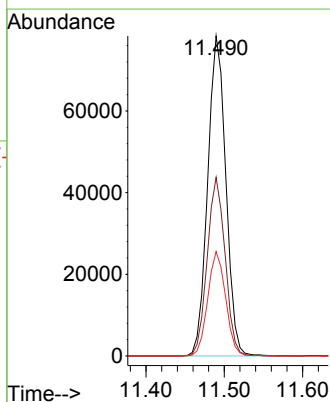
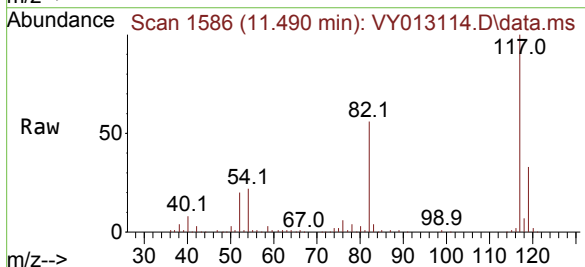
Instrument :
MSVOA_Y
ClientSampleId :
WV-SOIL3-0327

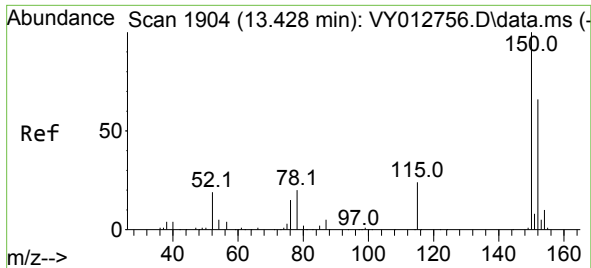
Tgt Ion: 95 Resp: 50690
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 86.9 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013114.D
Acq: 28 Mar 2023 14:14

Tgt Ion: 117 Resp: 126111
Ion Ratio Lower Upper
117 100
82 55.8 45.4 68.0
119 32.6 25.6 38.4

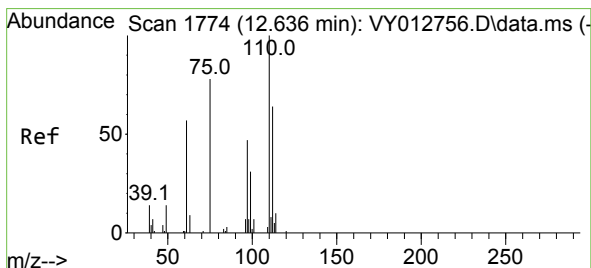
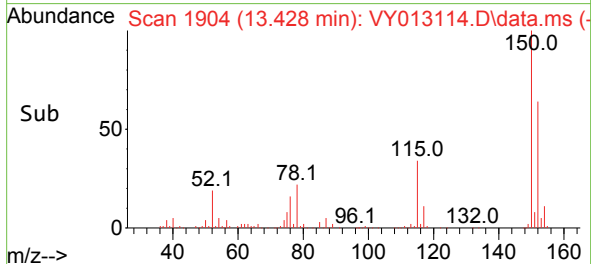
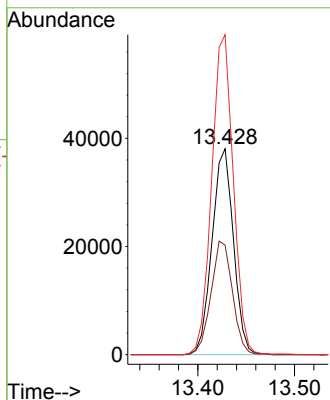
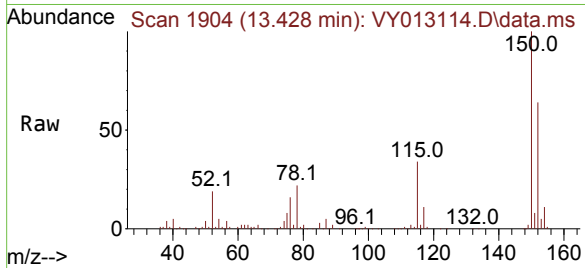




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013114.D
 Acq: 28 Mar 2023 14:14

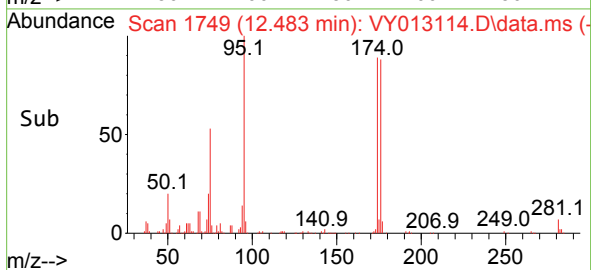
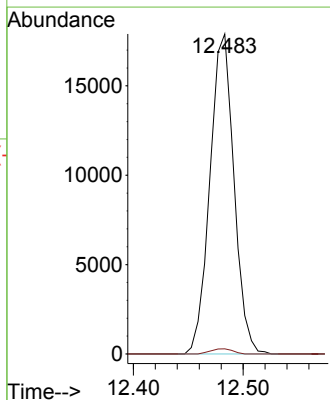
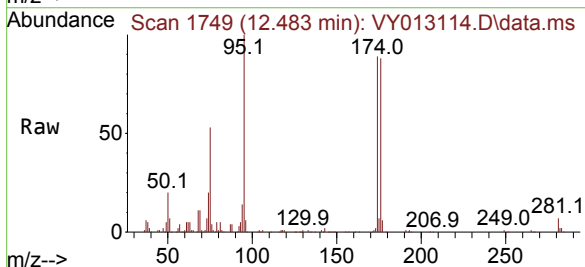
Instrument :
 MSVOA_Y
 ClientSampleId :
 WV-SOIL3-0327

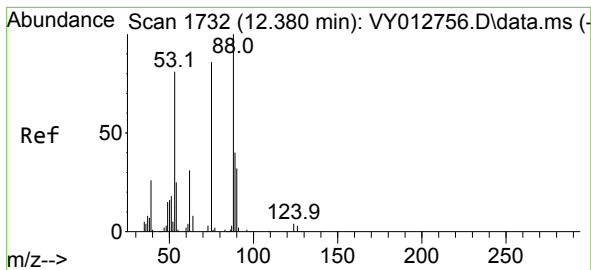
Tgt Ion:152 Resp: 58674
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.1 81.3
 150 156.6 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 39.035 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY013114.D
 Acq: 28 Mar 2023 14:14

Tgt Ion: 75 Resp: 27350
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.881 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013114.D
 Acq: 28 Mar 2023 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 WV-SOIL3-0327

Tgt Ion: 75 Resp: 27350
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.4 110.0#
 89 0.0 36.6 55.0#

