

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090623\
 Data File : VY015453.D
 Acq On : 06 Sep 2023 16:49
 Operator : SY/MD
 Sample : 04293-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL

Quant Time: Sep 06 19:00:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

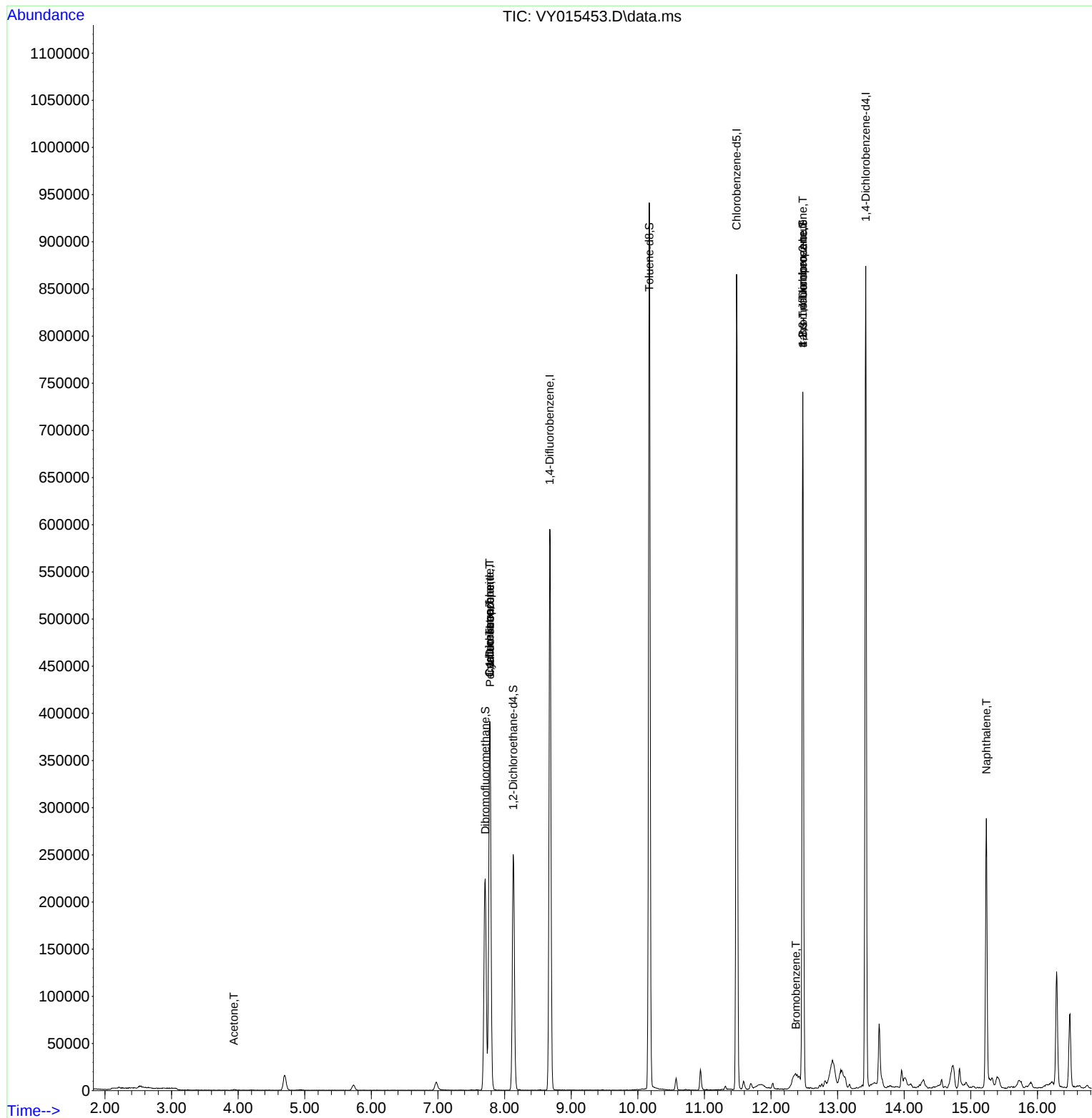
Internal Standards						
1) Pentafluorobenzene	7.783	168	308492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	515612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	469405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	221694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	196709	59.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.960%	
35) Dibromofluoromethane	7.710	113	162043	54.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.120%	
50) Toluene-d8	10.173	98	602126	55.987	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.980%	
62) 4-Bromofluorobenzene	12.477	95	212417	53.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.400%	
Target Compounds						
11) Tert butyl alcohol	4.942	59	651	Below Cal	#	89
16) Acetone	3.936	43	1546	1.120	ug/l #	88
20) Methylene Chloride	4.698	84	12417	Below Cal		90
31) Cyclohexane	7.777	56	6094	1.037	ug/l #	7
36) 1,1-Dichloropropene	7.777	75	23546	4.515	ug/l #	50
38) Carbon Tetrachloride	7.777	117	30585	5.679	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	115066	39.139	ug/l #	100
77) Bromobenzene	12.373	156	8498	2.155	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	115066	86.337	ug/l #	11
95) Naphthalene	15.233	128	231018	20.899	ug/l	99

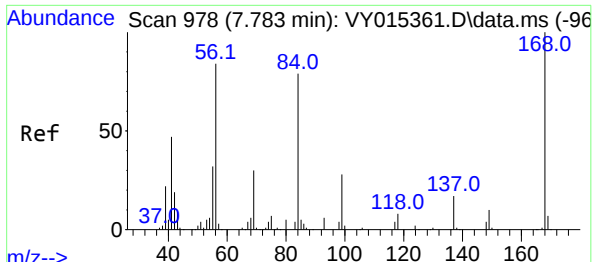
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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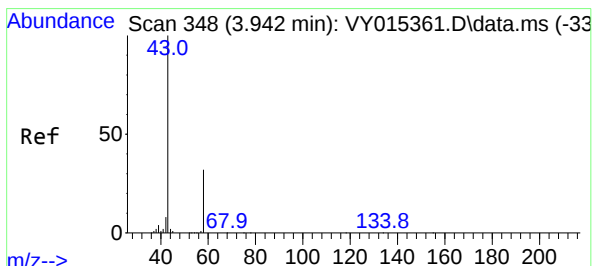
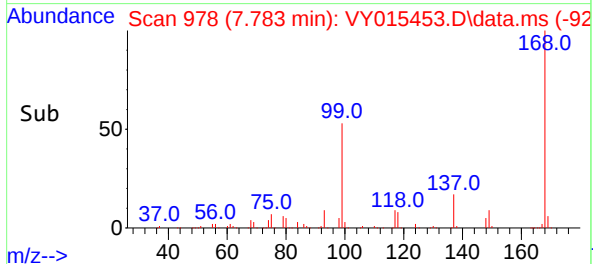
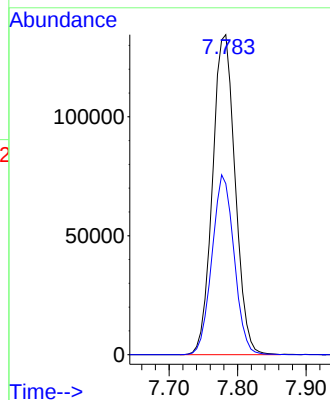
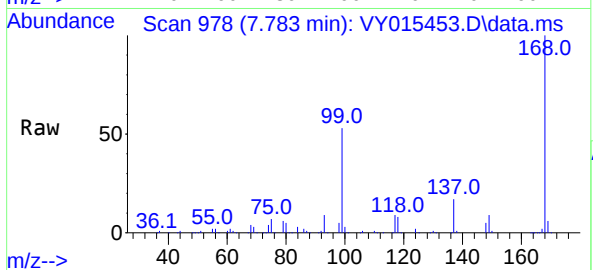




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

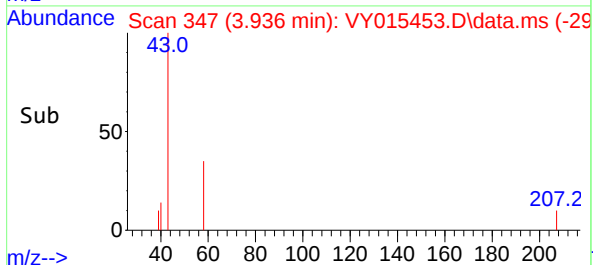
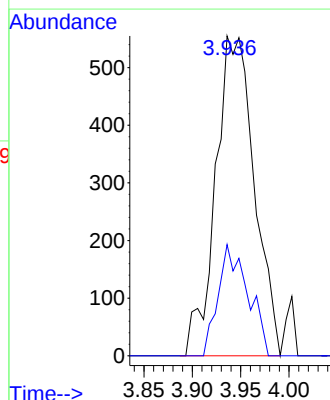
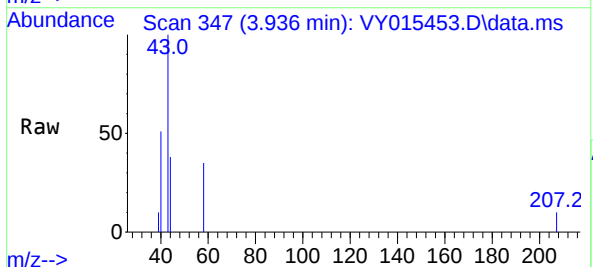
Instrument :
MSVOA_Y
ClientSampleId :
SOIL

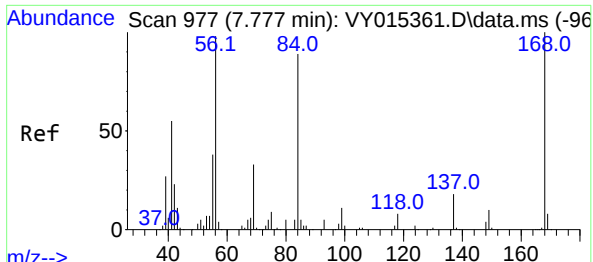
Tgt Ion:168 Resp: 308492
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 1.120 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

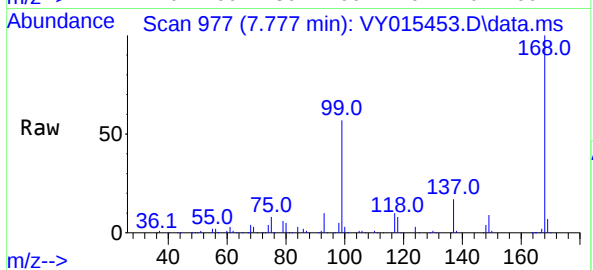
Tgt Ion: 43 Resp: 1546
Ion Ratio Lower Upper
43 100
58 34.8 22.7 34.1#



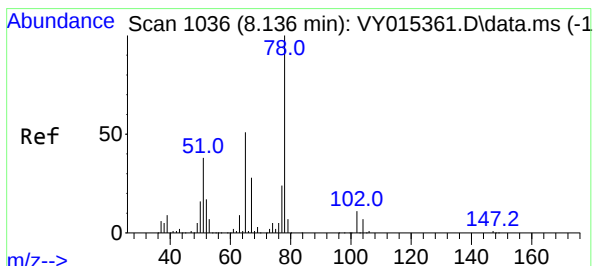
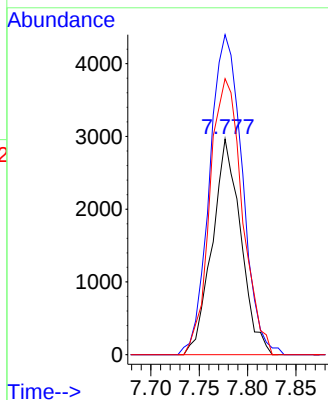
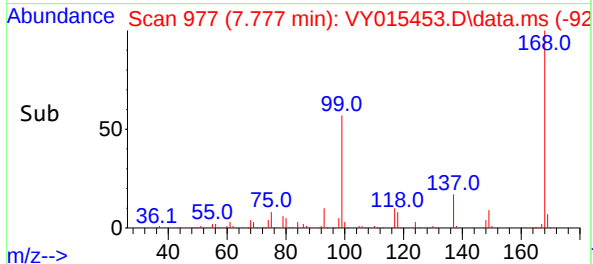


#31
Cyclohexane
Concen: 1.037 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

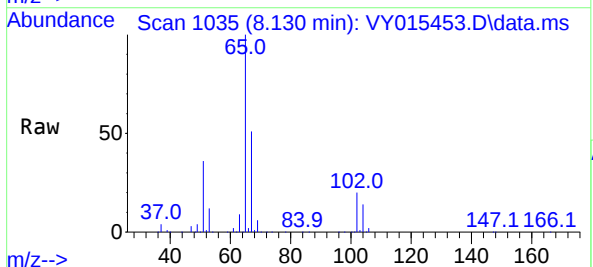
Instrument :
MSVOA_Y
ClientSampleId :
SOIL



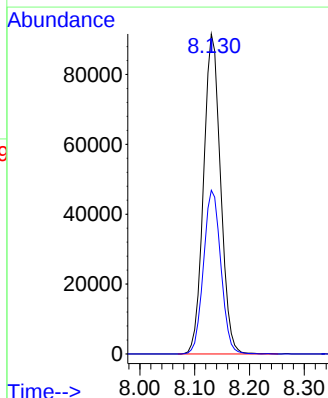
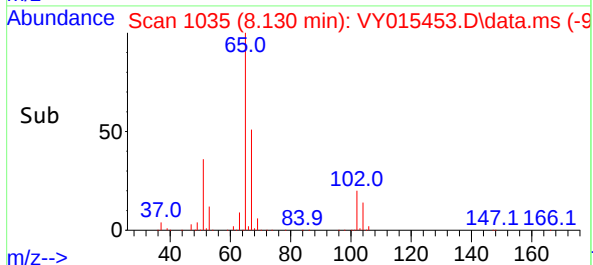
Tgt Ion: 56 Resp: 6094
Ion Ratio Lower Upper
56 100
69 148.4 27.8 41.6#
84 128.0 66.4 99.6#

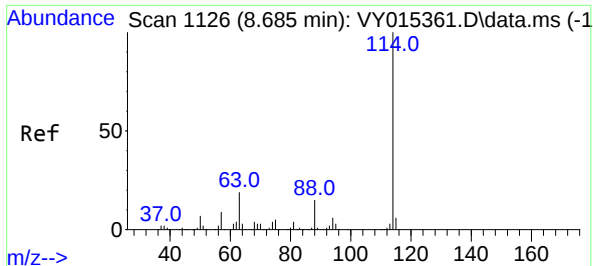


#33
1,2-Dichloroethane-d4
Concen: 59.483 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49



Tgt Ion: 65 Resp: 196709
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015453.D

Acq: 06 Sep 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

SOIL

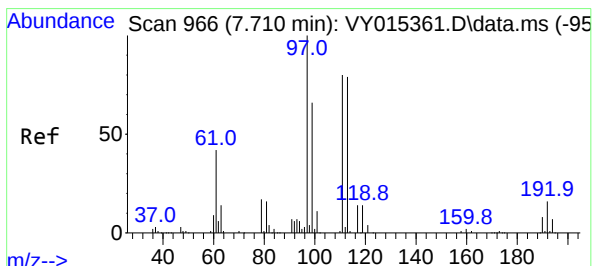
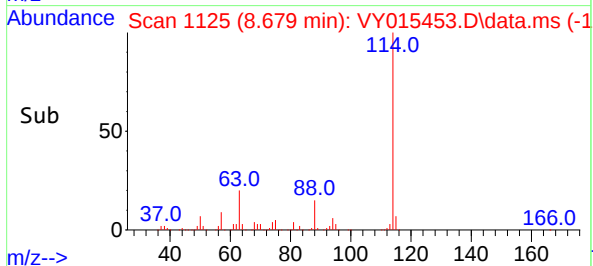
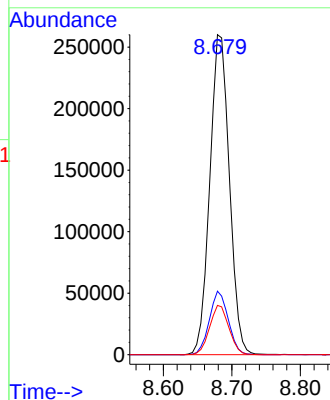
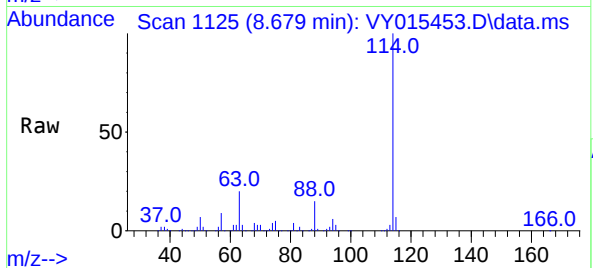
Tgt Ion:114 Resp: 515612

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.563 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015453.D

Acq: 06 Sep 2023 16:49

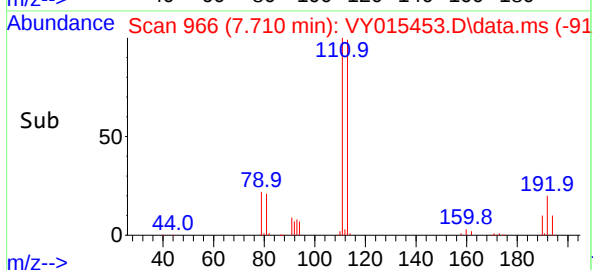
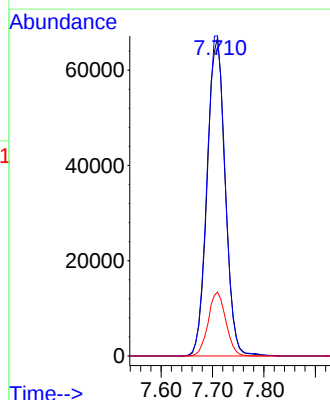
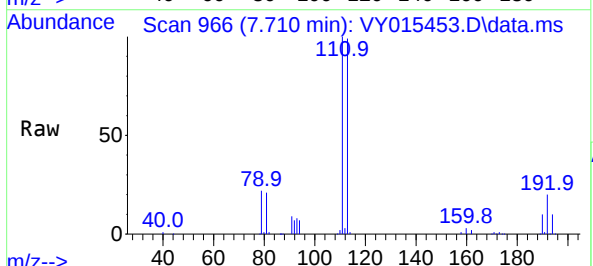
Tgt Ion:113 Resp: 162043

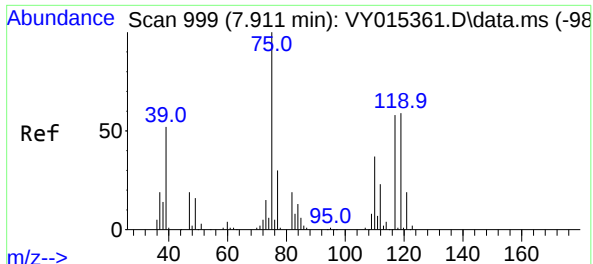
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 19.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.515 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY015453.D

Acq: 06 Sep 2023 16:49

Instrument :

MSVOA_Y

ClientSampleId :

SOIL

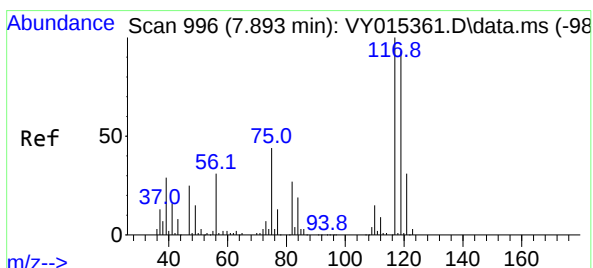
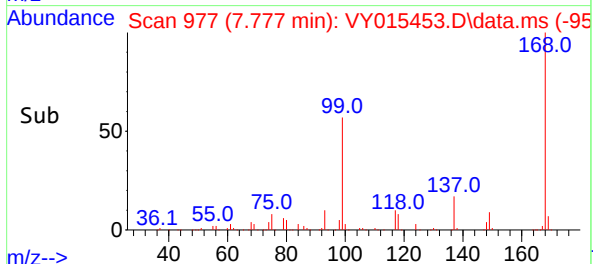
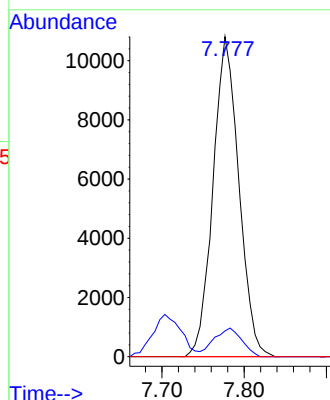
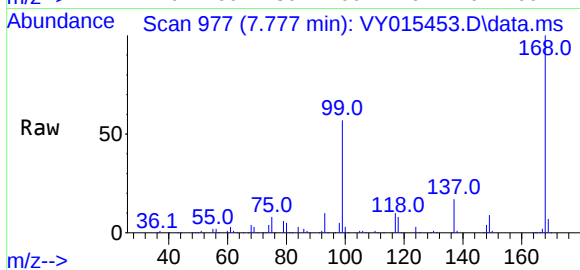
Tgt Ion: 75 Resp: 23546

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.679 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY015453.D

Acq: 06 Sep 2023 16:49

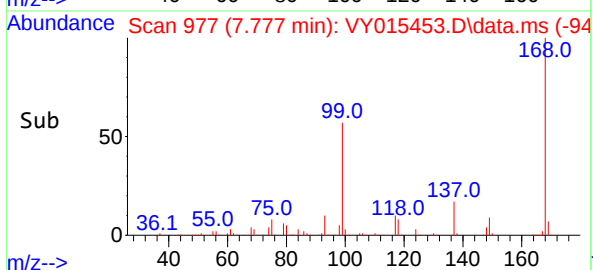
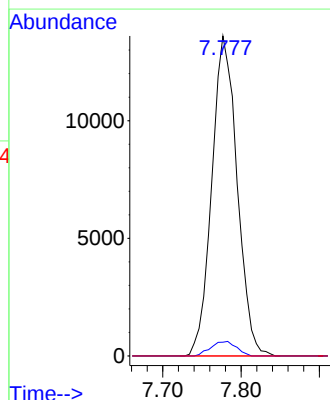
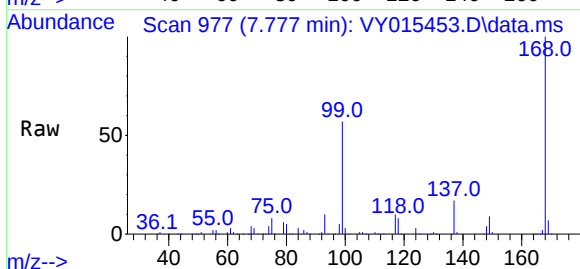
Tgt Ion: 117 Resp: 30585

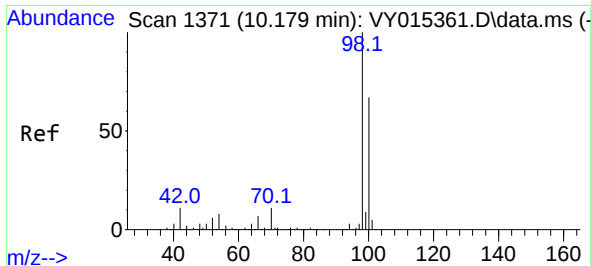
Ion Ratio Lower Upper

117 100

119 4.3 76.4 114.6#

121 0.0 25.8 38.6#

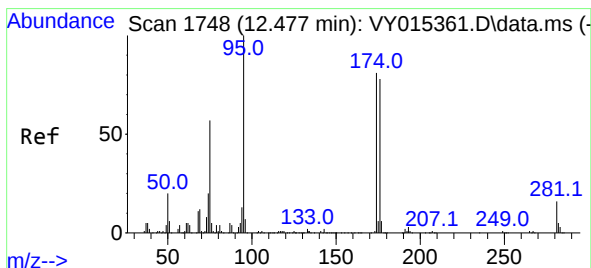
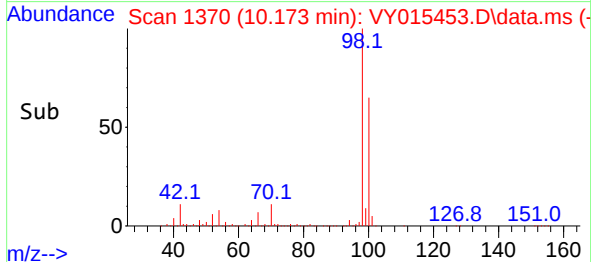
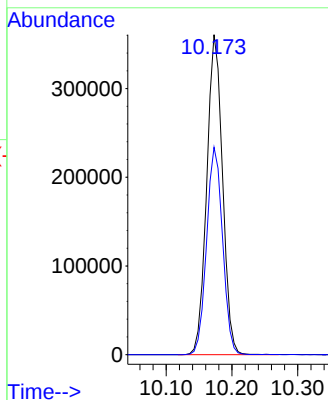
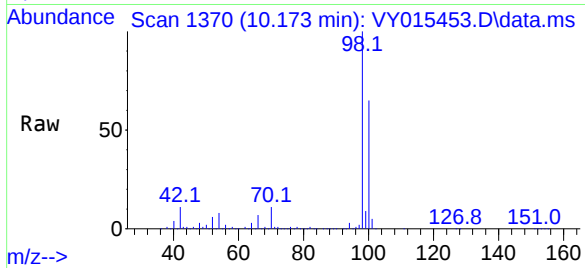




#50
Toluene-d8
Concen: 55.987 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

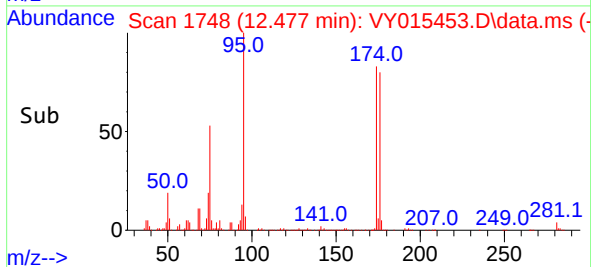
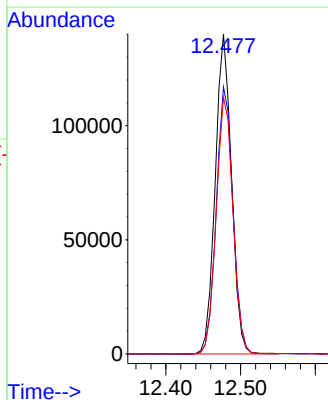
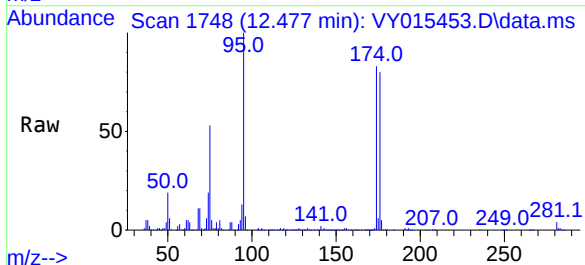
Instrument :
MSVOA_Y
ClientSampleId :
SOIL

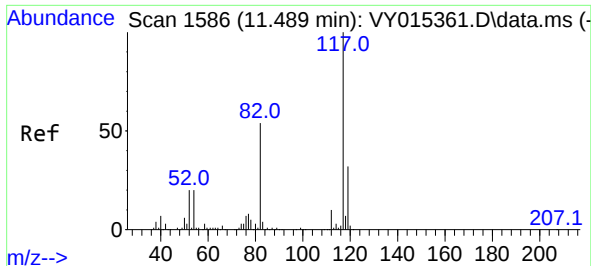
Tgt Ion: 98 Resp: 602126
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.203 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

Tgt Ion: 95 Resp: 212417
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.4 0.0 173.8

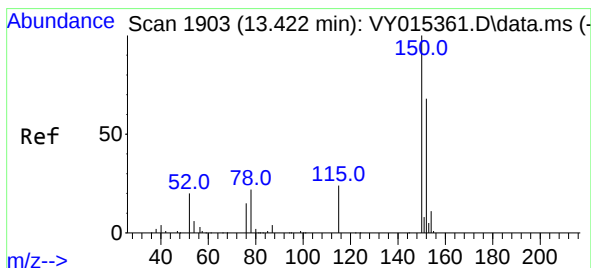
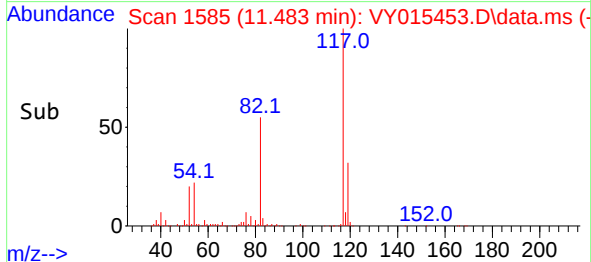
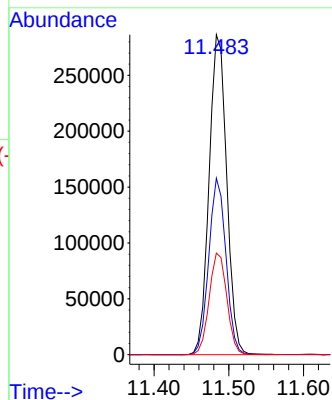
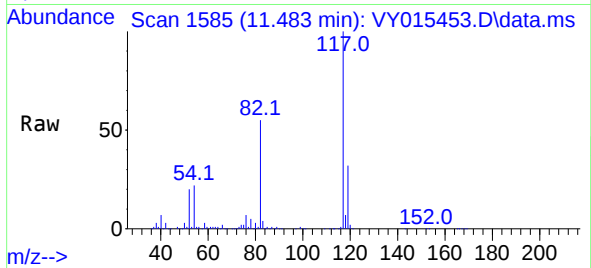




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

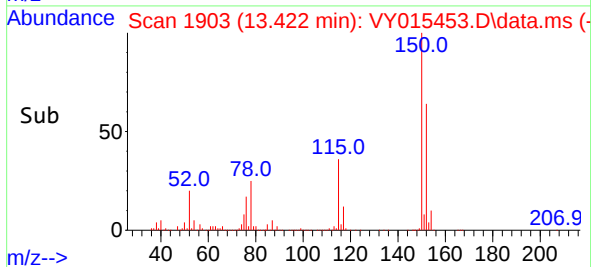
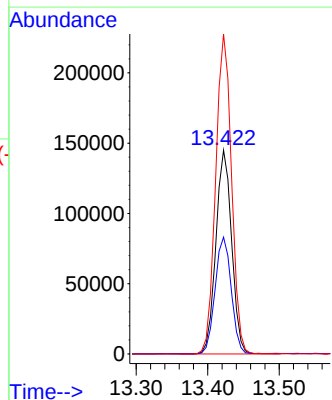
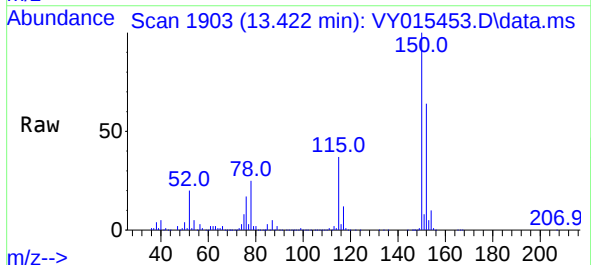
Instrument :
MSVOA_Y
ClientSampleId :
SOIL

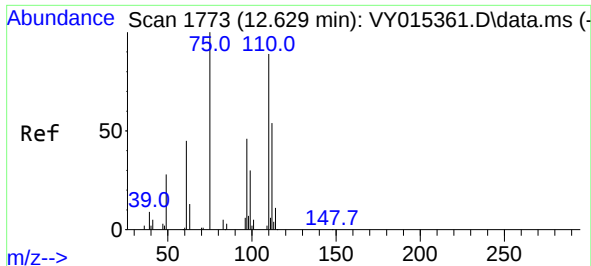
Tgt Ion:117 Resp: 469405
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

Tgt Ion:152 Resp: 221694
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 158.1 0.0 348.8

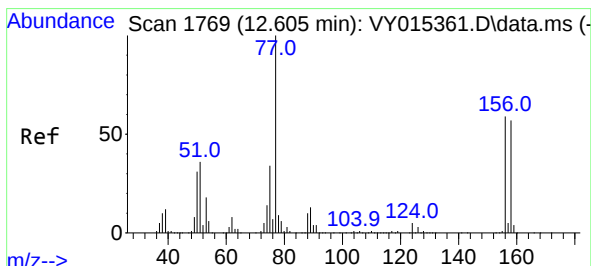
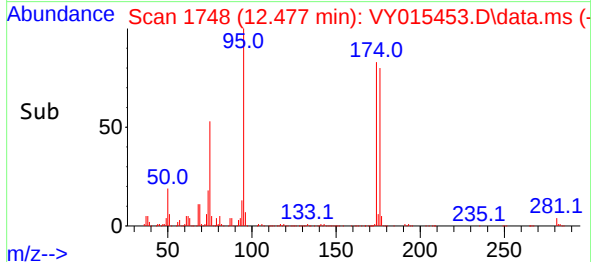
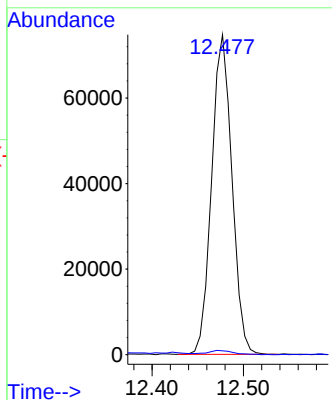
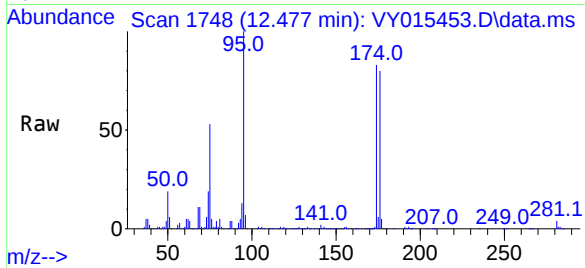




#76
1,2,3-Trichloropropane
Concen: 39.139 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.152 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

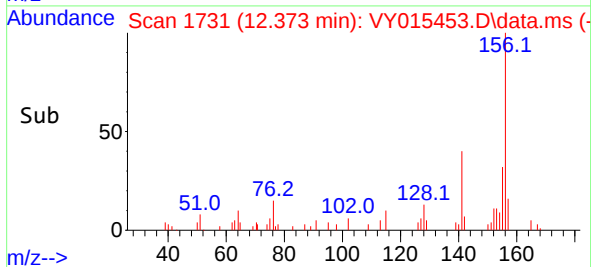
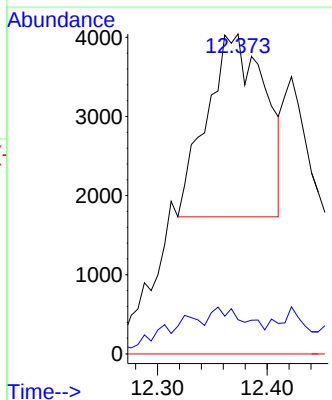
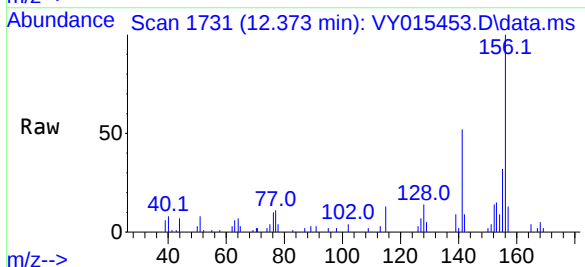
Instrument :
MSVOA_Y
ClientSampleId :
SOIL

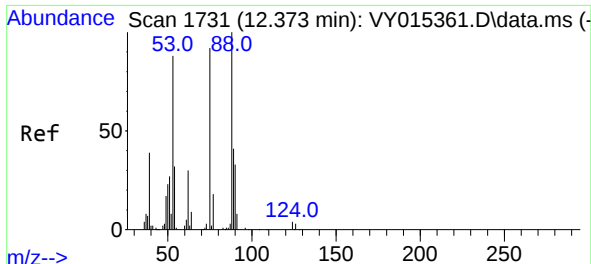
Tgt Ion: 75 Resp: 115066
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#77
Bromobenzene
Concen: 2.155 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.232 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

Tgt Ion:156 Resp: 8498
Ion Ratio Lower Upper
156 100
77 6.4 92.8 278.6#
158 0.0 48.4 145.3#

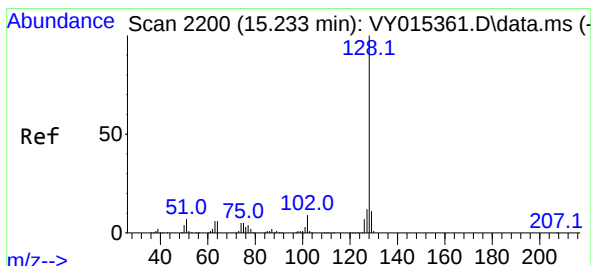
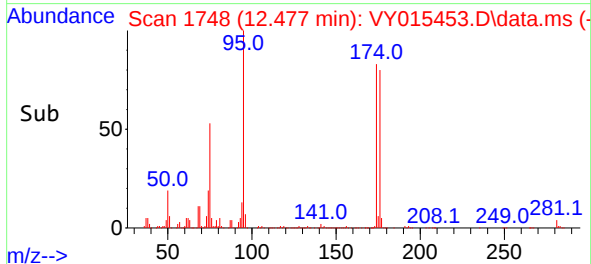
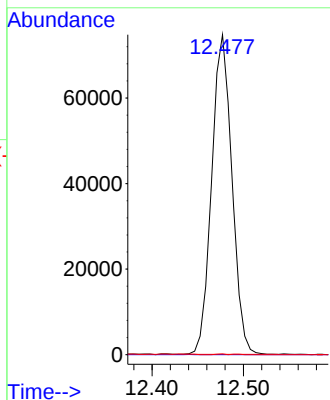
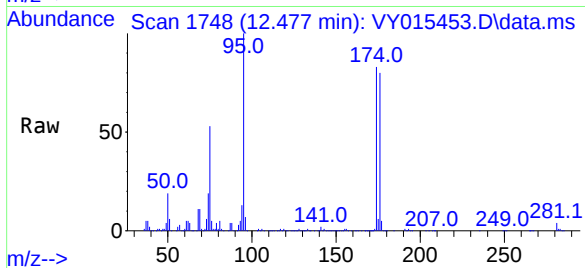




#81
trans-1,4-Dichloro-2-butene
Concen: 86.337 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SOIL

Tgt Ion: 75 Resp: 115066
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 20.899 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015453.D
Acq: 06 Sep 2023 16:49

Tgt Ion:128 Resp: 231018
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 11.1 8.6 13.0

