

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016397.D
 Acq On : 16 Nov 2023 18:01
 Operator : SY/MD
 Sample : 05445-04
 Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2-1115

Quant Time: Nov 17 04:09:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

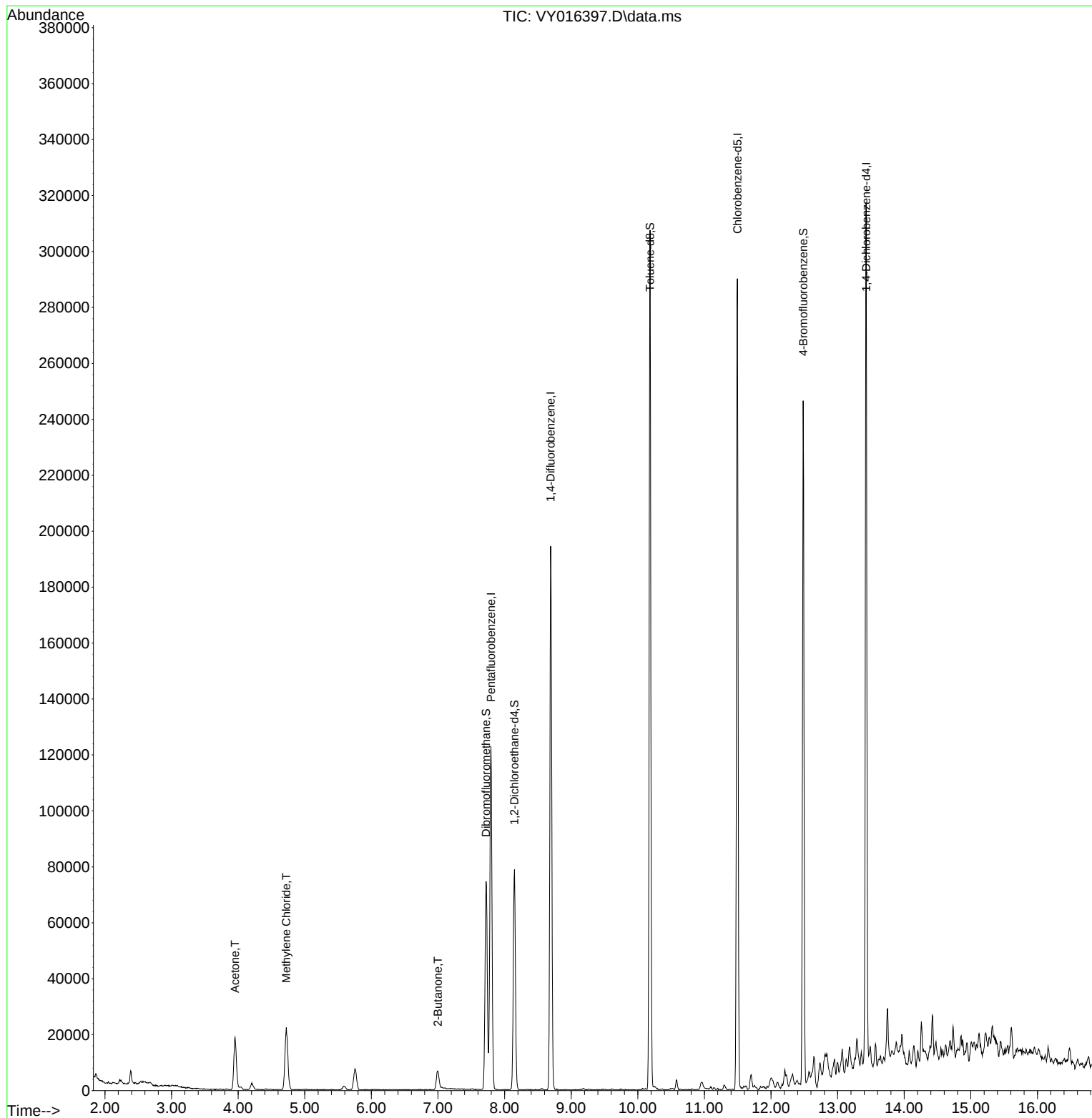
Internal Standards						
1) Pentafluorobenzene	7.795	168	97274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171076	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	167879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62199	69.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.920%	
35) Dibromofluoromethane	7.722	113	53860	55.422	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.185	98	203295	51.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	12.483	95	71741	56.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.100%	
Target Compounds						Qvalue
16) Acetone	3.954	43	32279	219.496	ug/l #	86
20) Methylene Chloride	4.722	84	17283	14.140	ug/l #	89
25) 2-Butanone	6.996	43	11898	46.191	ug/l #	86

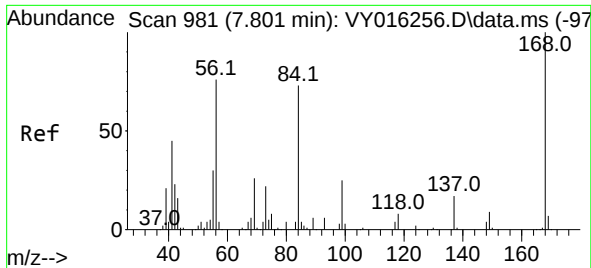
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
Data File : VY016397.D
Acq On : 16 Nov 2023 18:01
Operator : SY/MD
Sample : 05445-04
Misc : 3.85g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2-1115

Quant Time: Nov 17 04:09:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

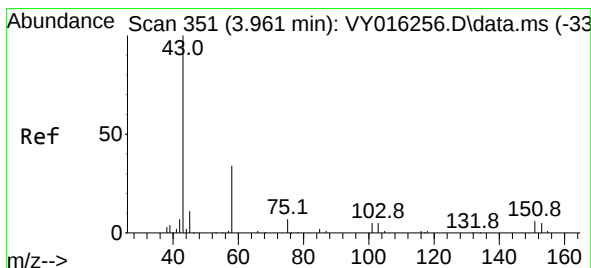
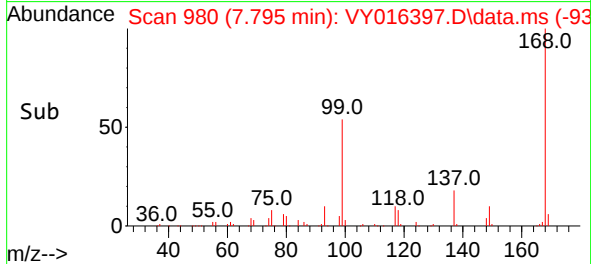
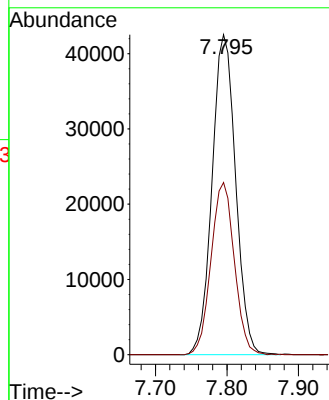
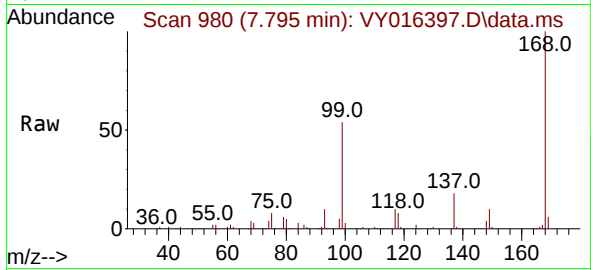




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

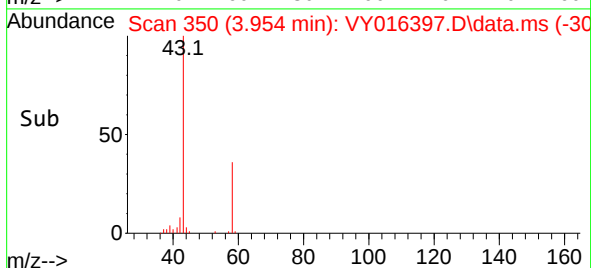
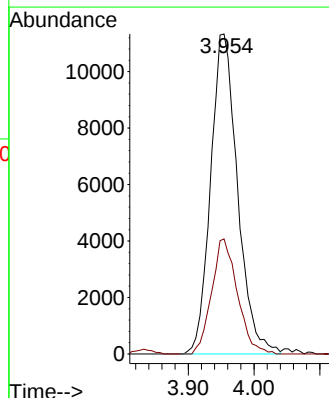
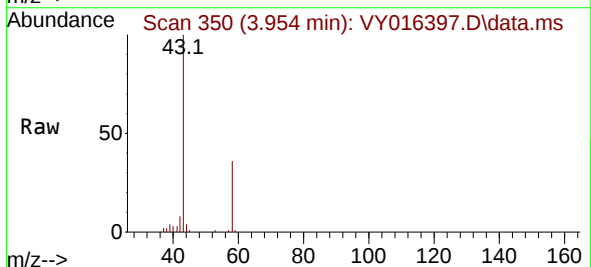
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2-1115

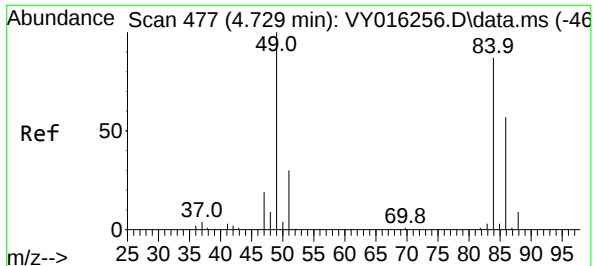
Tgt Ion:168 Resp: 97274
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 219.496 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

Tgt Ion: 43 Resp: 32279
Ion Ratio Lower Upper
43 100
58 35.9 22.7 34.1#





#20

Methylene Chloride

Concen: 14.140 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY016397.D

Acq: 16 Nov 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2-1115

Tgt Ion: 84 Resp: 17283

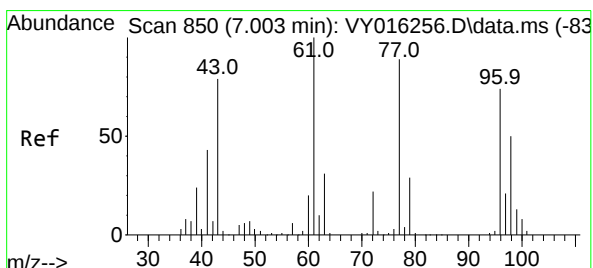
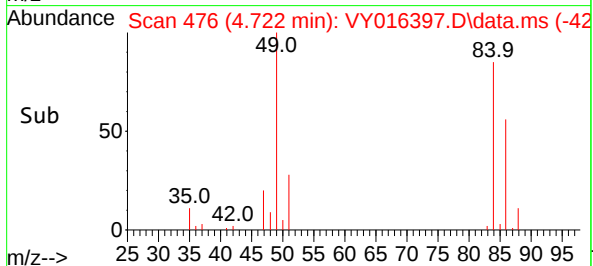
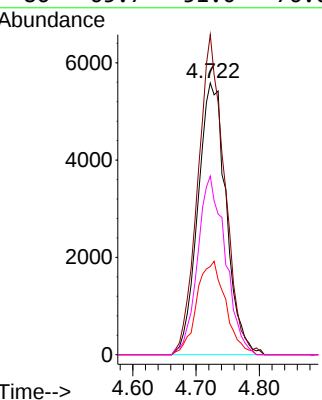
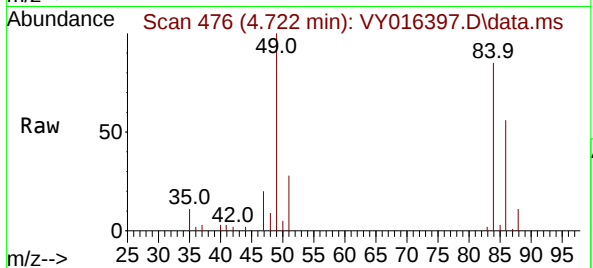
Ion Ratio Lower Upper

84 100

49 117.8 106.9 160.3

51 32.5 33.2 49.8#

86 65.7 51.0 76.6



#25

2-Butanone

Concen: 46.191 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016397.D

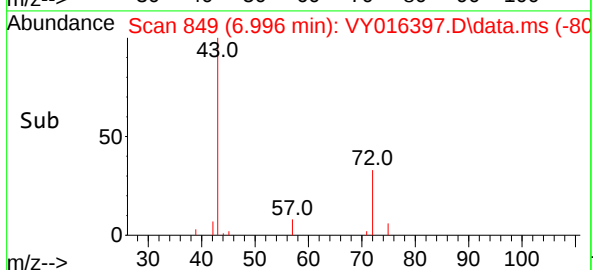
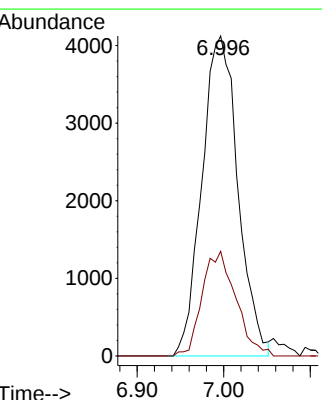
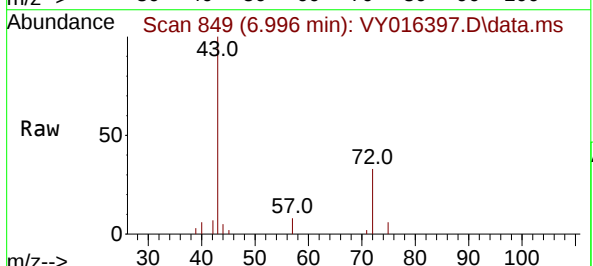
Acq: 16 Nov 2023 18:01

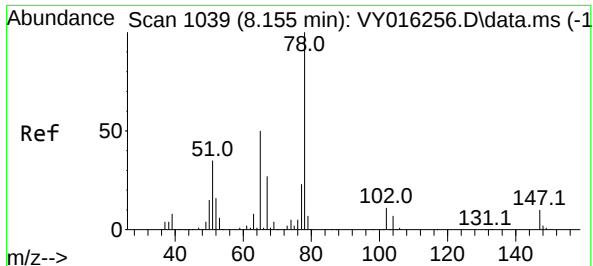
Tgt Ion: 43 Resp: 11898

Ion Ratio Lower Upper

43 100

72 32.7 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 69.961 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016397.D

Acq: 16 Nov 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

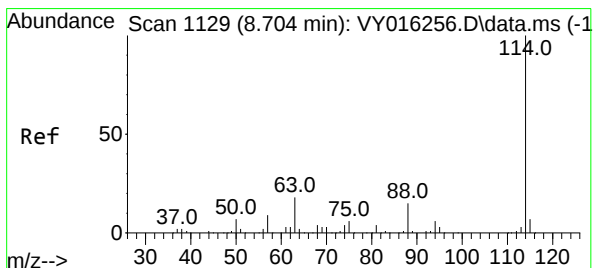
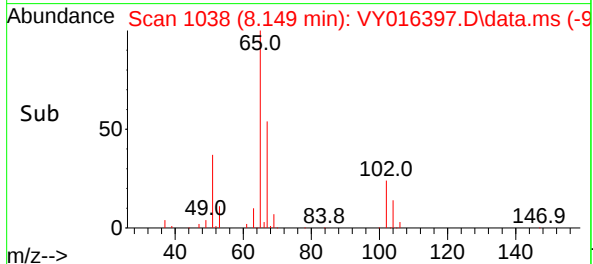
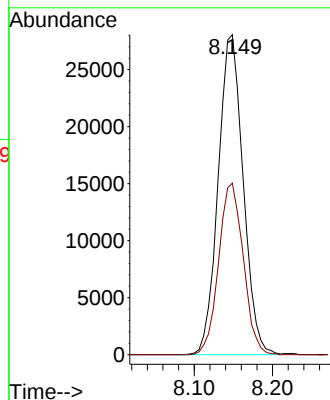
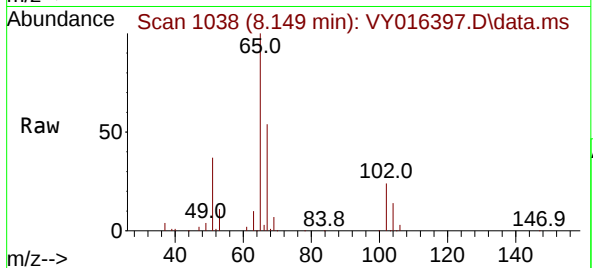
SOIL-2-1115

Tgt Ion: 65 Resp: 62199

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016397.D

Acq: 16 Nov 2023 18:01

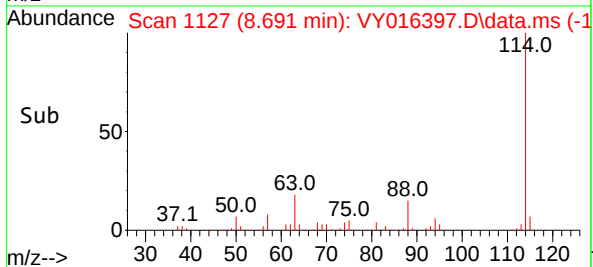
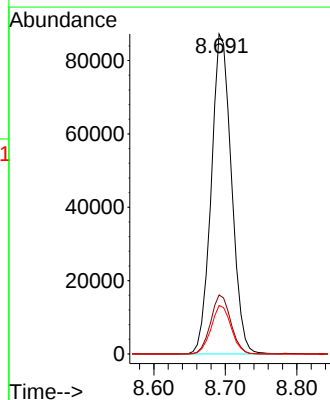
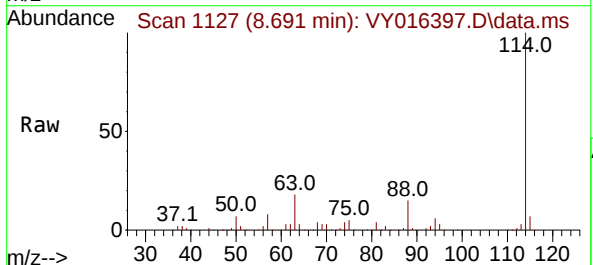
Tgt Ion: 114 Resp: 171076

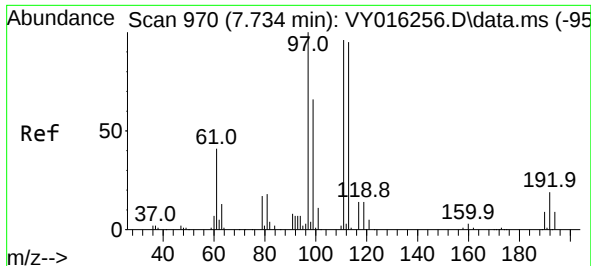
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.1 0.0 30.6

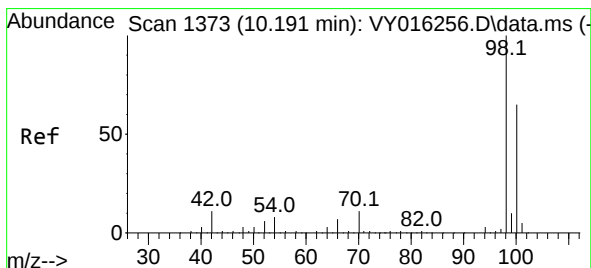
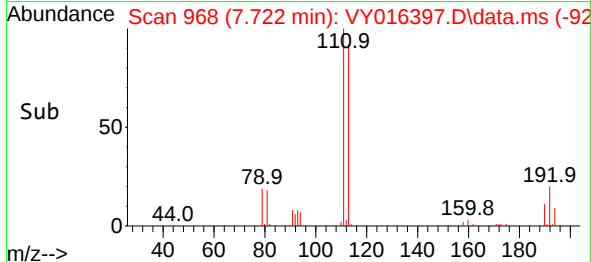
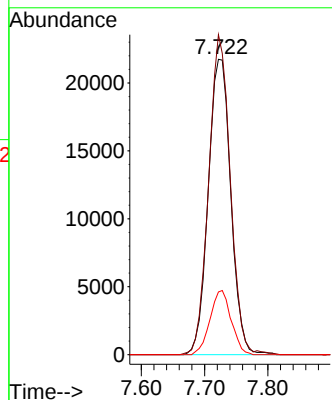
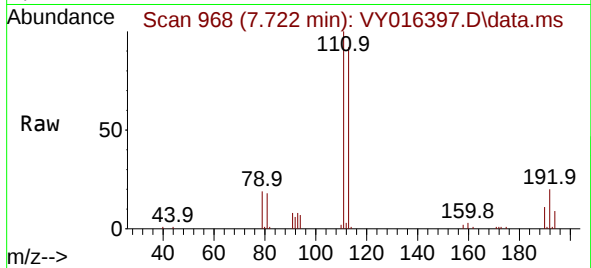




#35
Dibromofluoromethane
Concen: 55.422 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

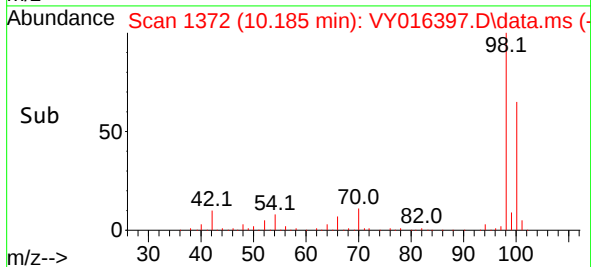
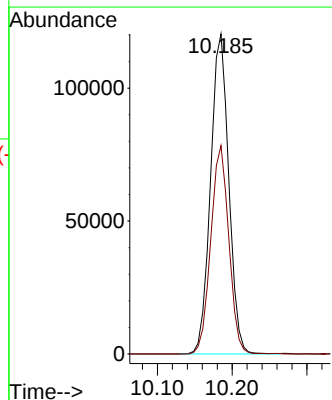
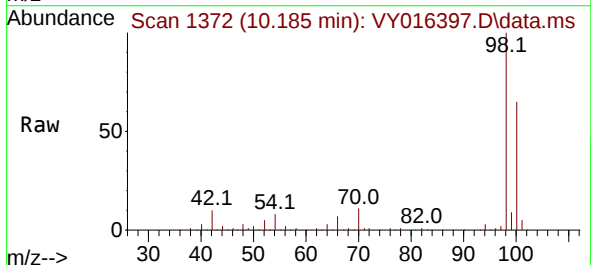
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2-1115

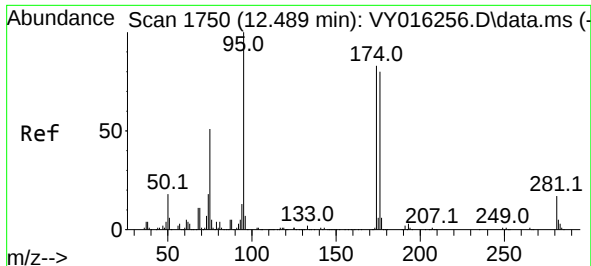
Tgt Ion:113 Resp: 53860
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 20.4 16.9 25.3



#50
Toluene-d8
Concen: 51.586 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

Tgt Ion: 98 Resp: 203295
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 56.050 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016397.D

Acq: 16 Nov 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2-1115

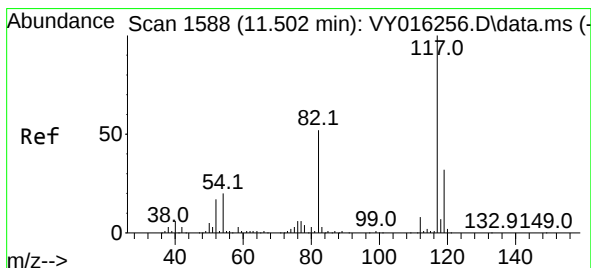
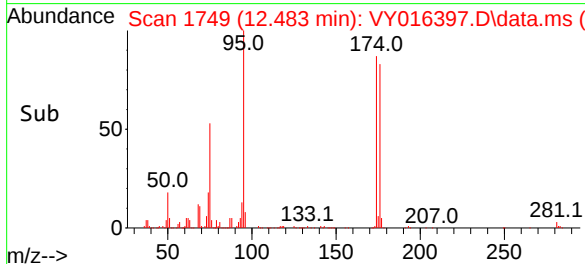
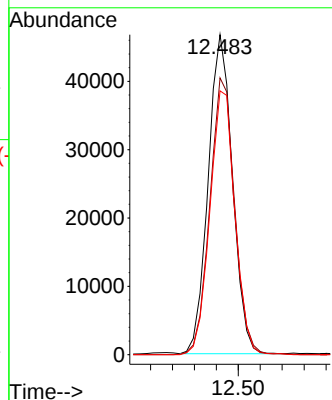
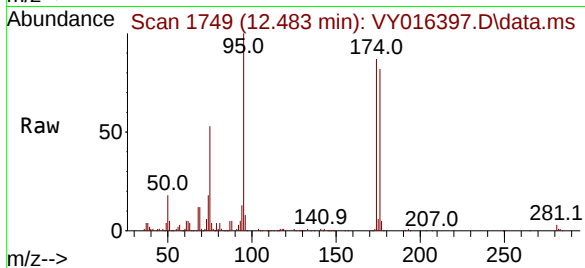
Tgt Ion: 95 Resp: 71741

Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.2

176 85.3 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.006 min

Lab File: VY016397.D

Acq: 16 Nov 2023 18:01

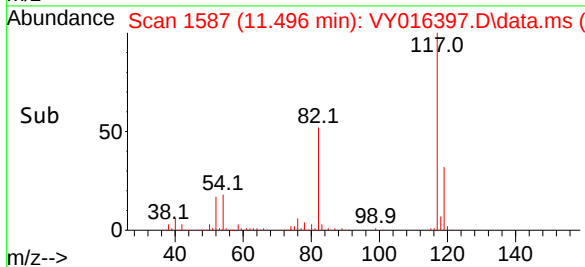
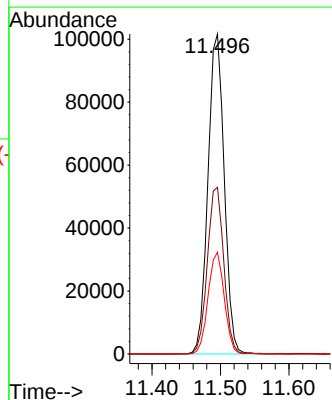
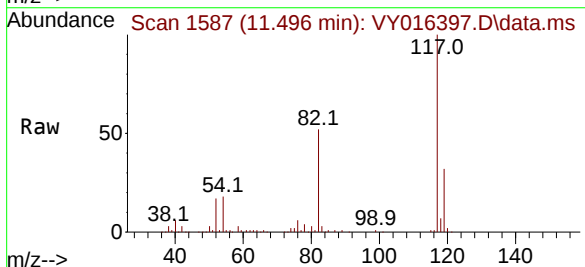
Tgt Ion: 117 Resp: 167879

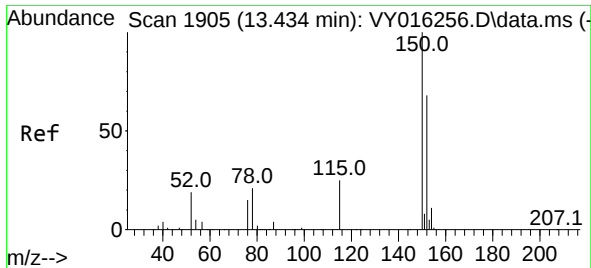
Ion Ratio Lower Upper

117 100

82 52.0 43.4 65.0

119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016397.D
 Acq: 16 Nov 2023 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2-1115

Tgt Ion:152 Resp: 79704
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 159.7 0.0 348.8

