

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016398.D
 Acq On : 16 Nov 2023 18:24
 Operator : SY/MD
 Sample : 05445-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1-1115

Quant Time: Nov 17 05:19:18 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)

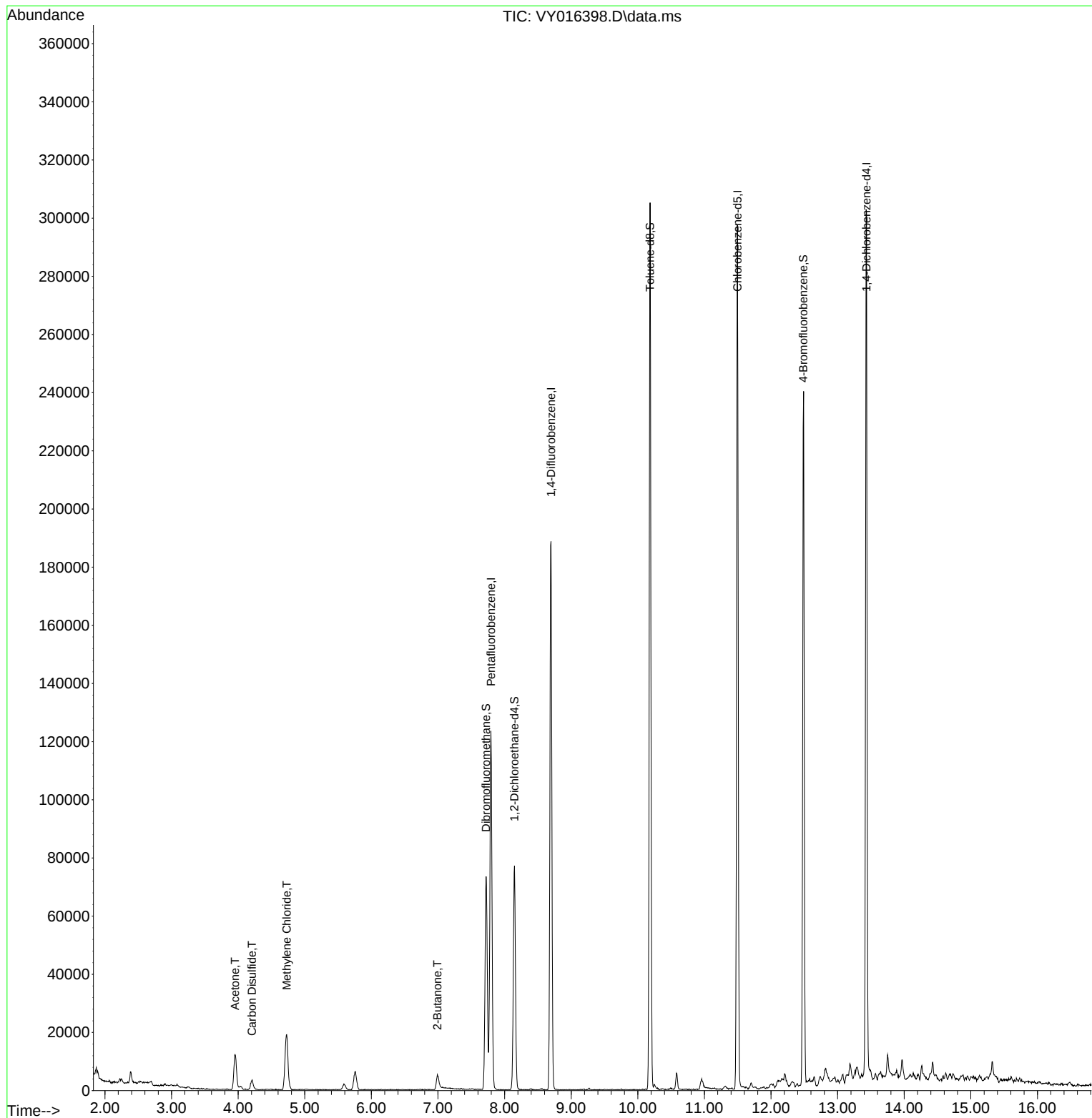
Internal Standards						
1) Pentafluorobenzene	7.795	168	96387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	79347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59624	67.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.360%
35) Dibromofluoromethane	7.722	113	53459	55.314	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.620%
50) Toluene-d8	10.185	98	200689	51.206	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.483	95	73593	57.815	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.620%
Target Compounds						Qvalue
16) Acetone	3.954	43	22544	154.709	ug/l	# 87
17) Carbon Disulfide	4.204	76	4908	1.670	ug/l	99
20) Methylene Chloride	4.728	84	15586	12.532	ug/l	85
25) 2-Butanone	6.990	43	8860	34.713	ug/l	96

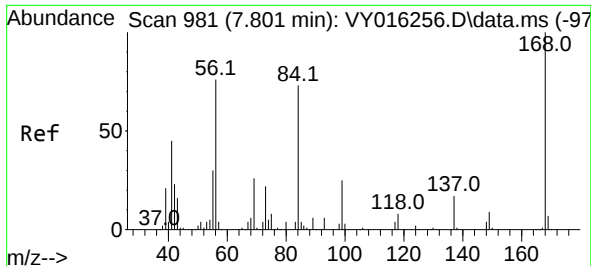
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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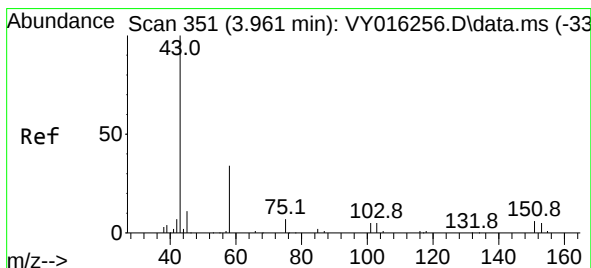
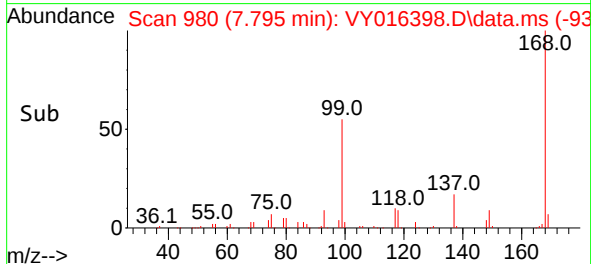
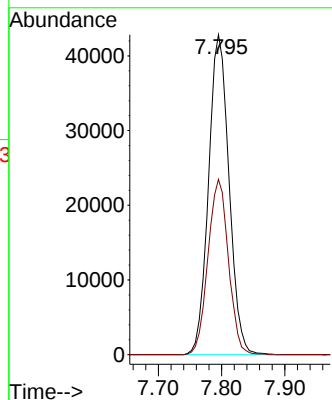
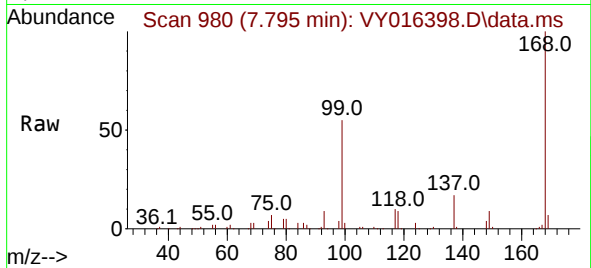




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

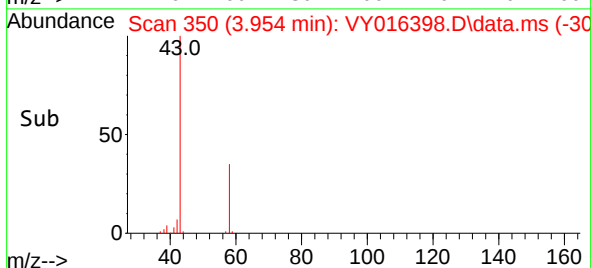
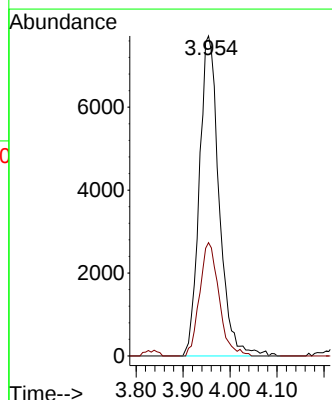
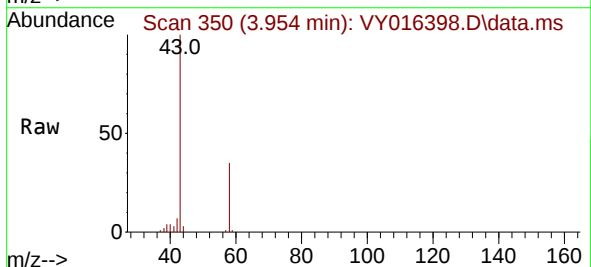
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1-1115

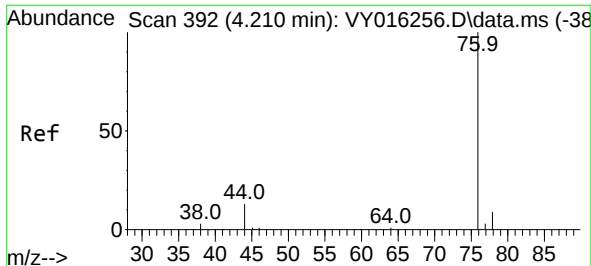
Tgt Ion:168 Resp: 96387
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 154.709 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

Tgt Ion: 43 Resp: 22544
Ion Ratio Lower Upper
43 100
58 35.4 22.7 34.1#





#17

Carbon Disulfide

Concen: 1.670 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :

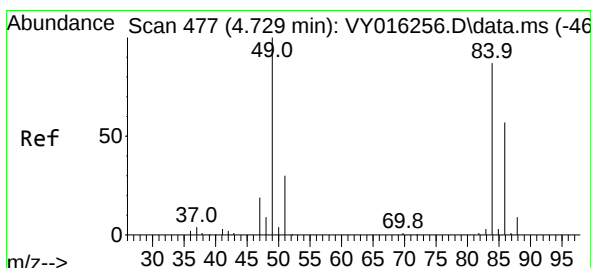
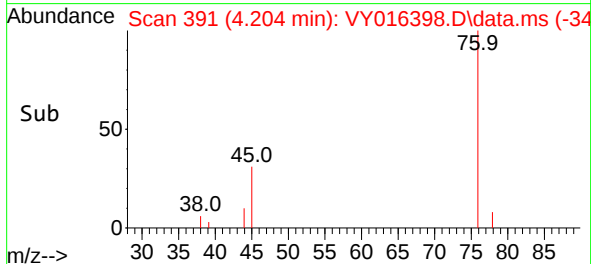
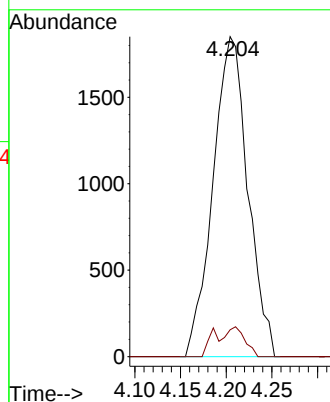
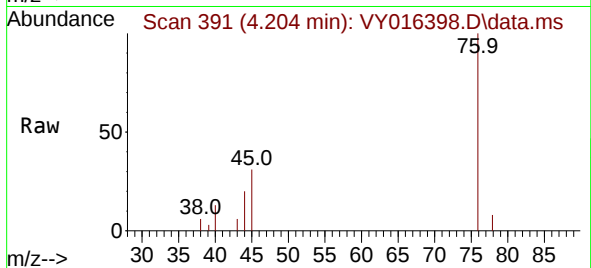
SOIL-1-1115

Tgt Ion: 76 Resp: 4908

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.4



#20

Methylene Chloride

Concen: 12.532 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Tgt Ion: 84 Resp: 15586

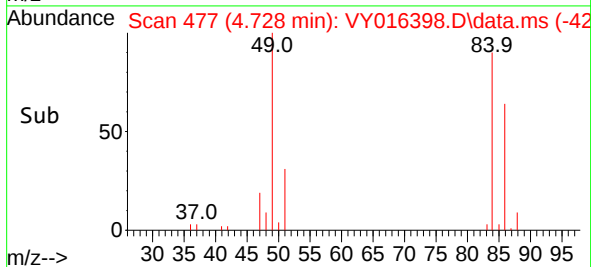
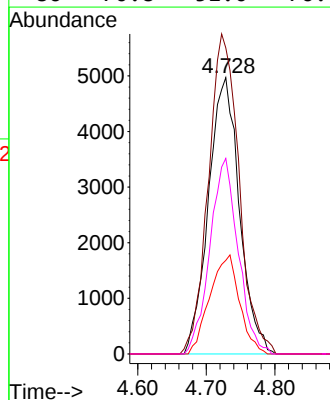
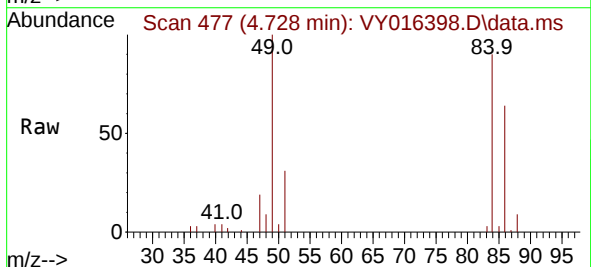
Ion Ratio Lower Upper

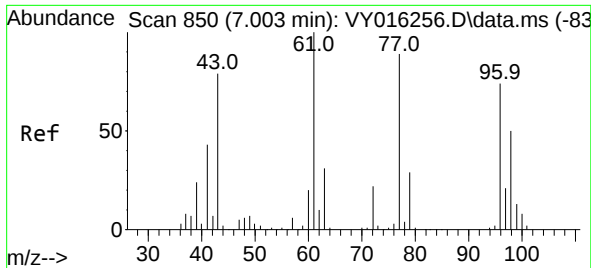
84 100

49 110.8 106.9 160.3

51 33.8 33.2 49.8

86 70.8 51.0 76.6

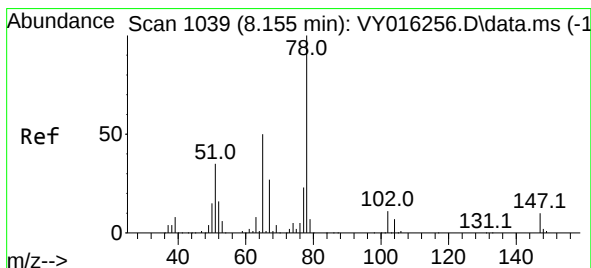
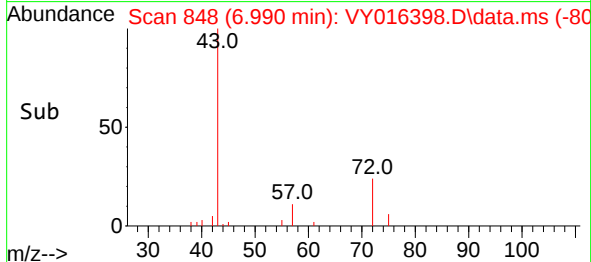
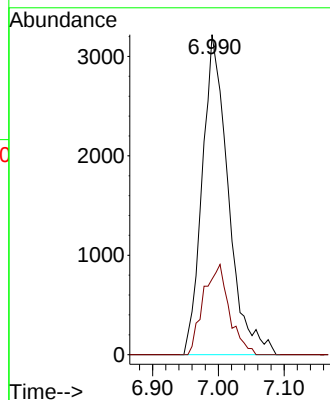
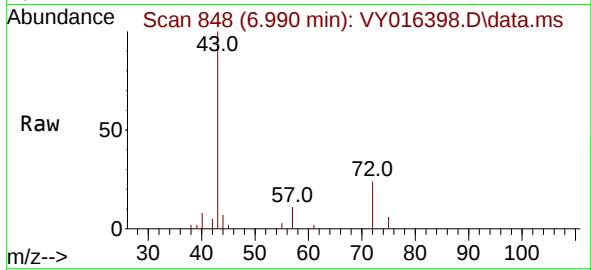




#25
2-Butanone
Concen: 34.713 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

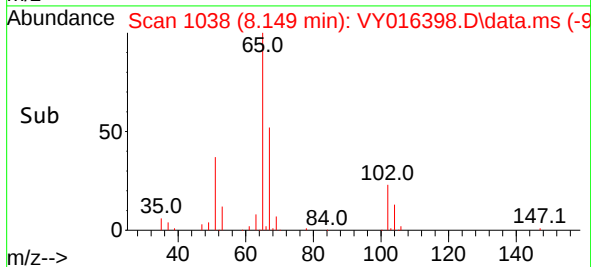
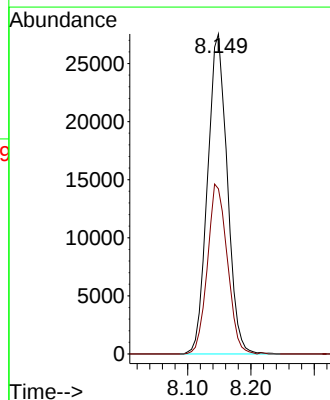
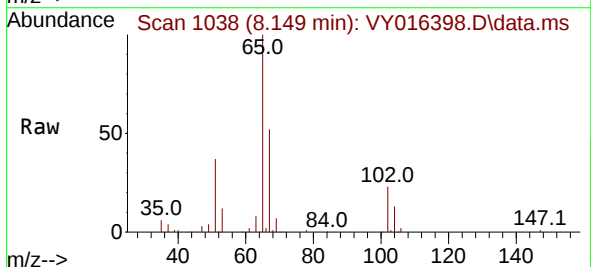
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1-1115

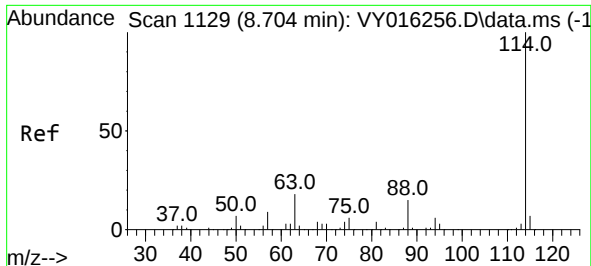
Tgt Ion: 43 Resp: 8860
Ion Ratio Lower Upper
43 100
72 23.6 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 67.682 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

Tgt Ion: 65 Resp: 59624
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1-1115

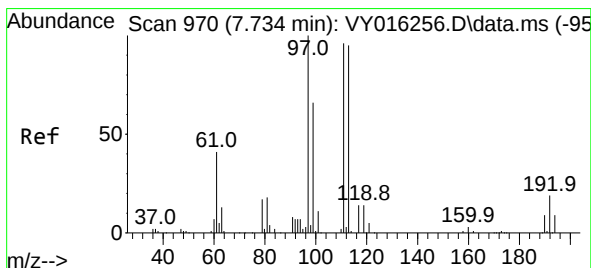
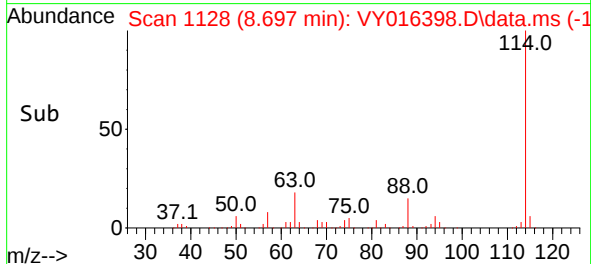
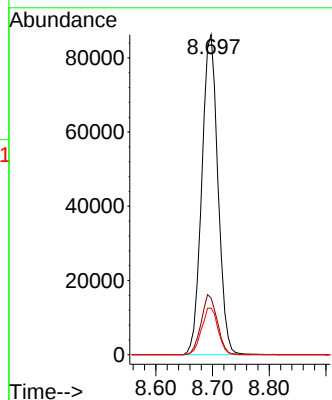
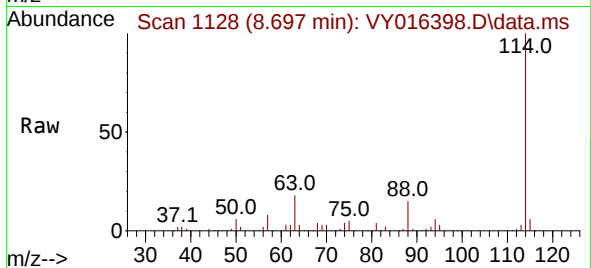
Tgt Ion:114 Resp: 170134

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.314 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

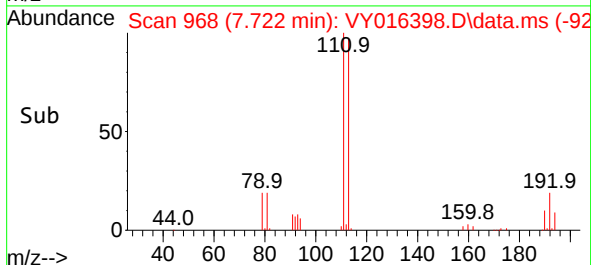
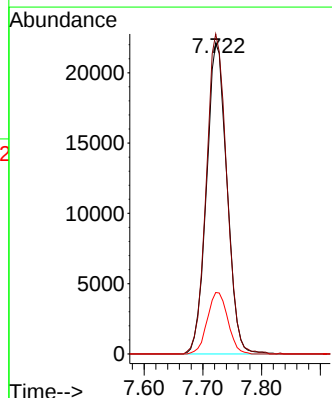
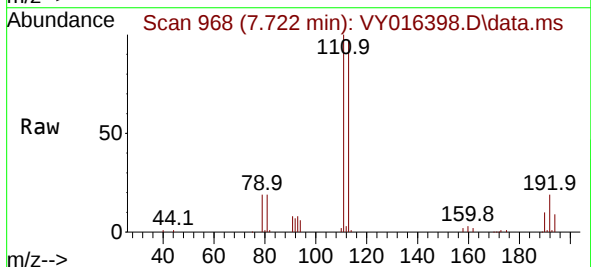
Tgt Ion:113 Resp: 53459

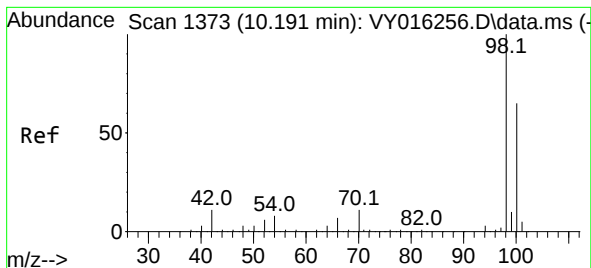
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.8 16.9 25.3





#50

Toluene-d8

Concen: 51.206 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :

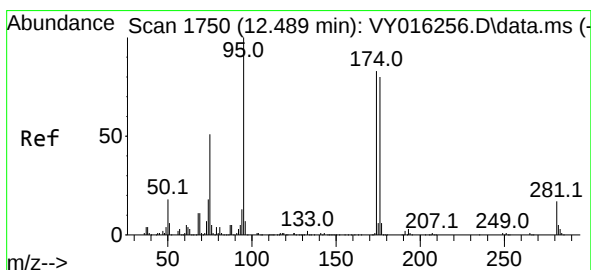
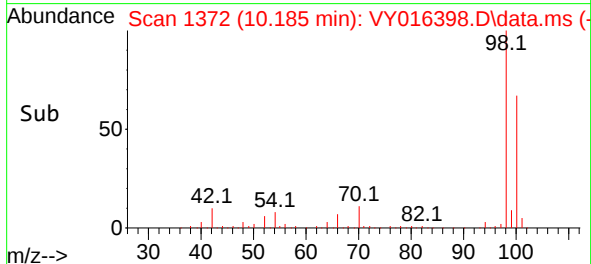
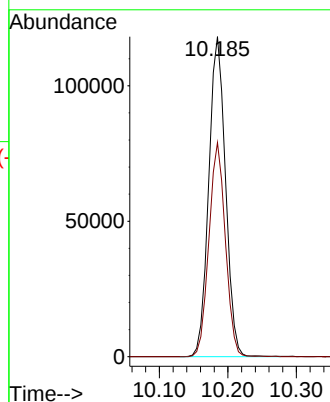
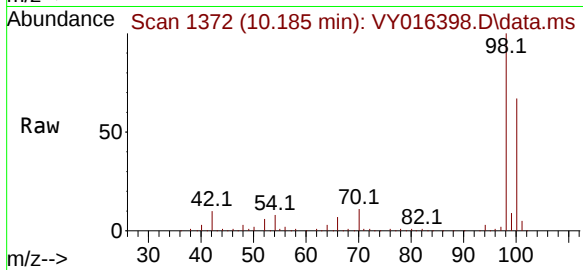
SOIL-1-1115

Tgt Ion: 98 Resp: 200689

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 57.815 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

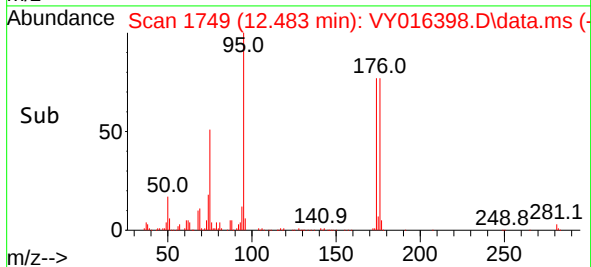
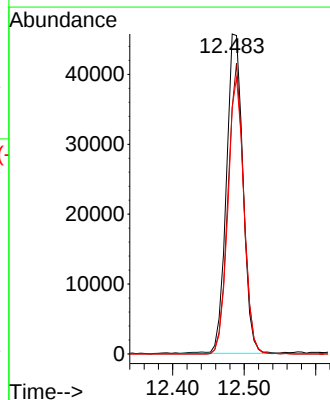
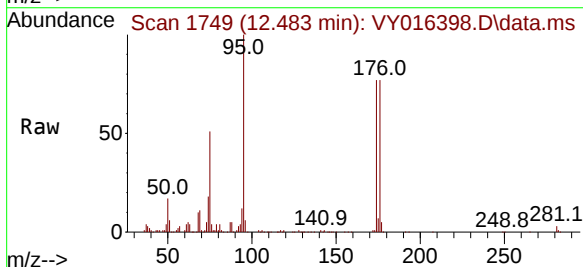
Tgt Ion: 95 Resp: 73593

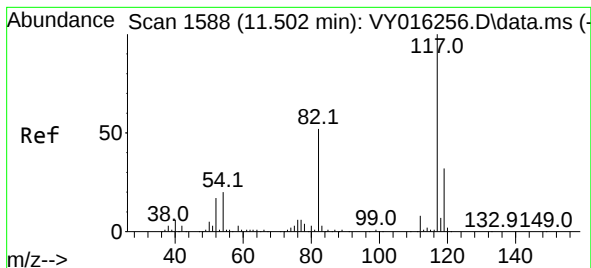
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 83.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1-1115

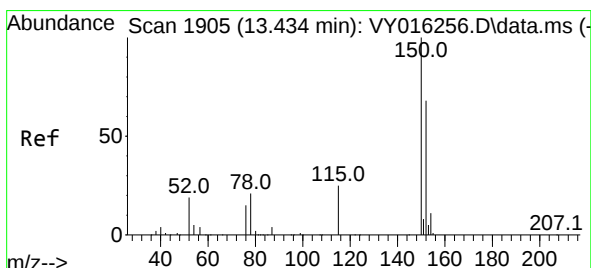
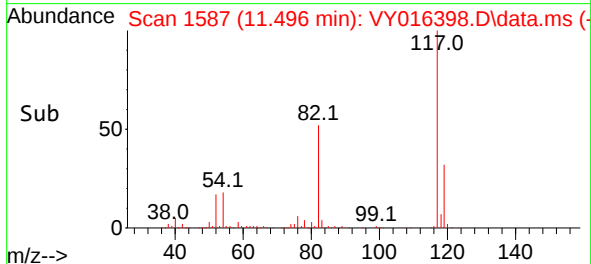
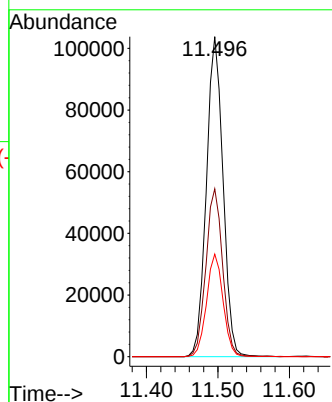
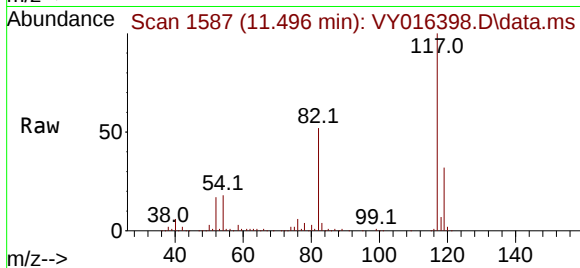
Tgt Ion:117 Resp: 167545

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Tgt Ion:152 Resp: 79347

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 156.2 0.0 348.8

