

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016369.D
 Acq On : 15 Nov 2023 16:21
 Operator : SY/MD
 Sample : 05402-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-DRUM-COMP

Quant Time: Nov 16 00:06:05 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)

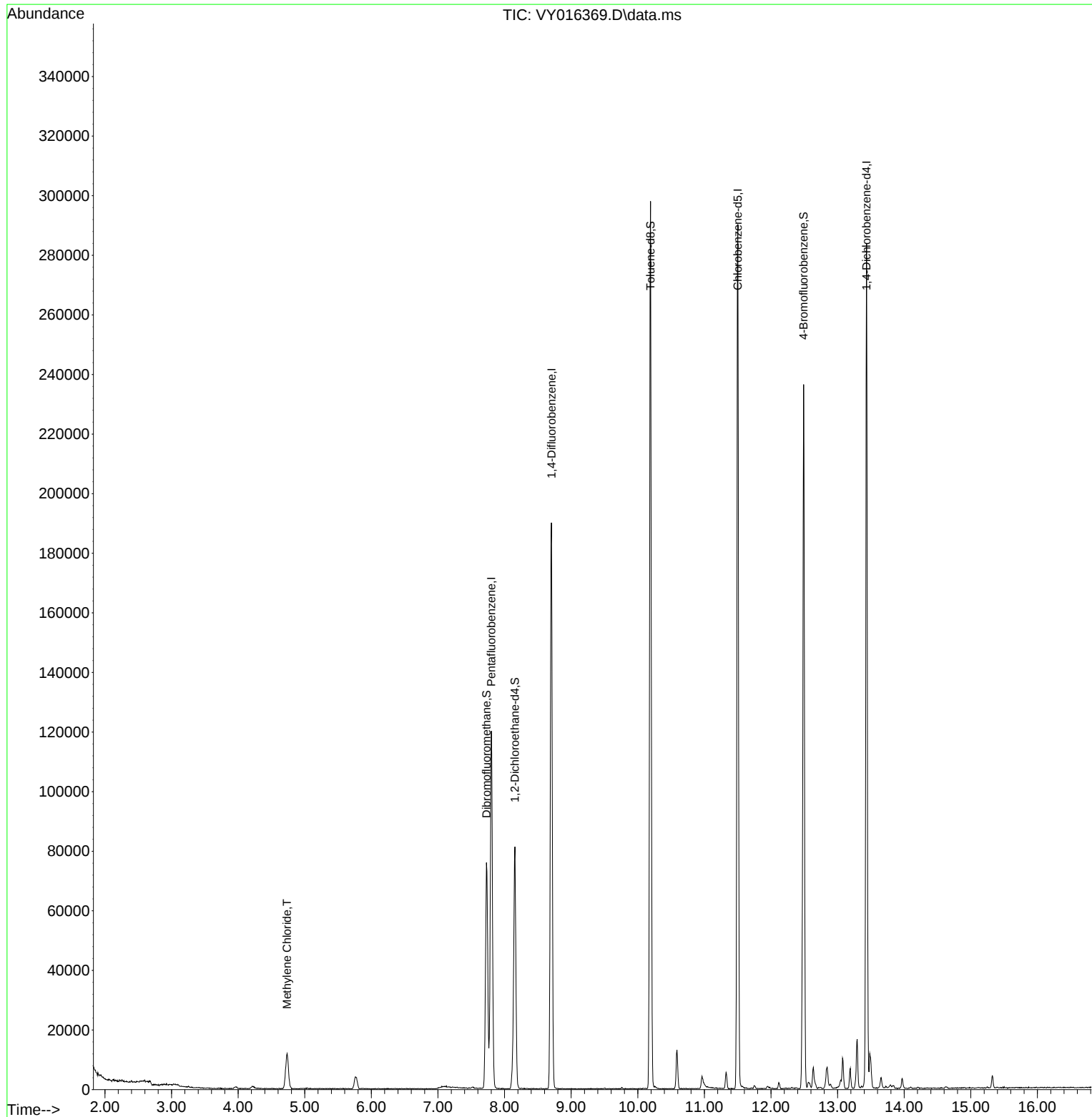
Internal Standards						
1) Pentafluorobenzene	7.801	168	94449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	169432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60803	70.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.880%
35) Dibromofluoromethane	7.728	113	54389	56.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.020%
50) Toluene-d8	10.191	98	199567	51.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.489	95	69689	54.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.940%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	9186	6.047	ug/l #	81

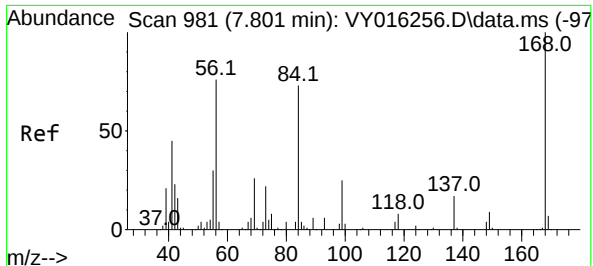
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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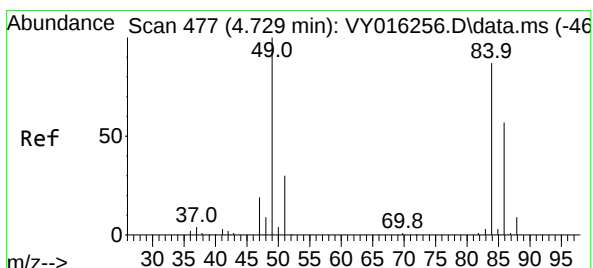
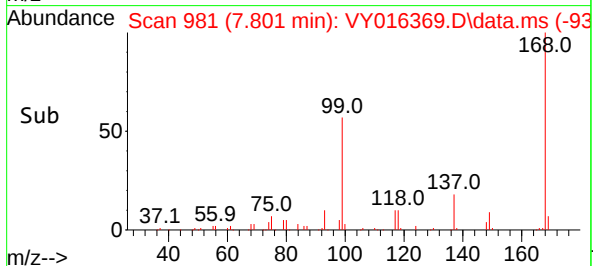
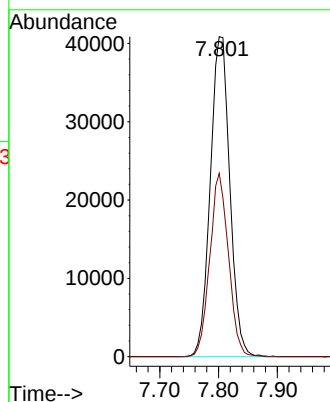
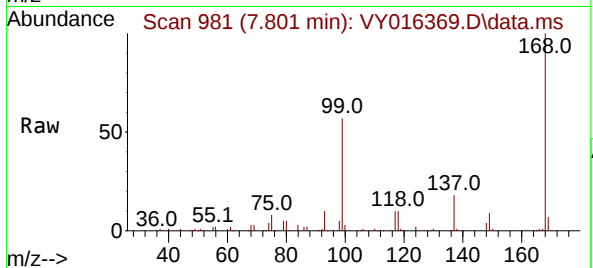




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

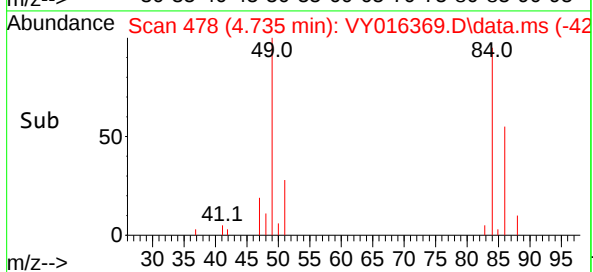
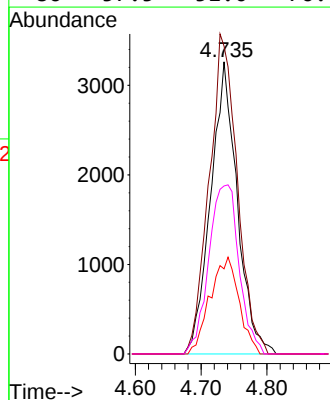
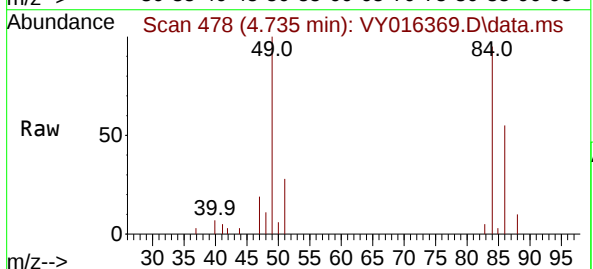
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-DRUM-COMP

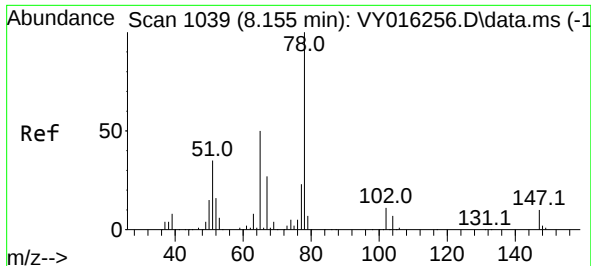
Tgt Ion:168 Resp: 94449
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#20
Methylene Chloride
Concen: 6.047 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Tgt Ion: 84 Resp: 9186
Ion Ratio Lower Upper
84 100
49 105.4 106.9 160.3#
51 29.1 33.2 49.8#
86 57.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 70.437 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016369.D

Acq: 15 Nov 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

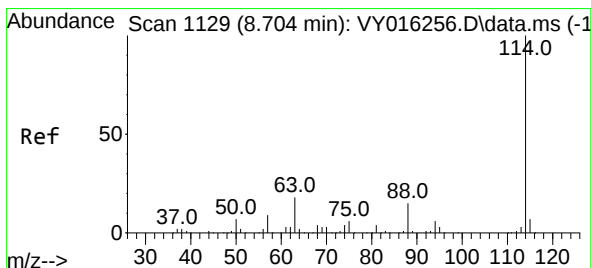
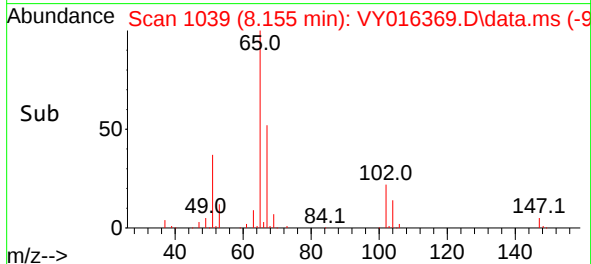
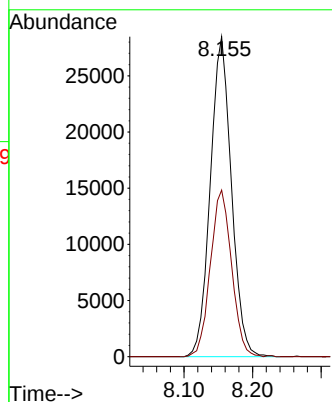
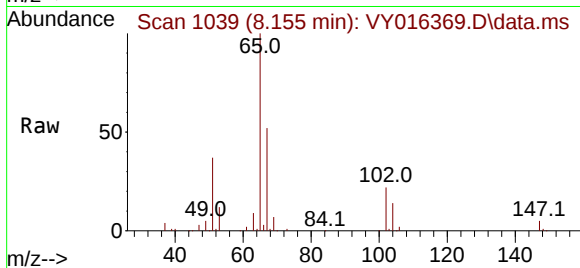
SOIL-DRUM-COMP

Tgt Ion: 65 Resp: 60803

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016369.D

Acq: 15 Nov 2023 16:21

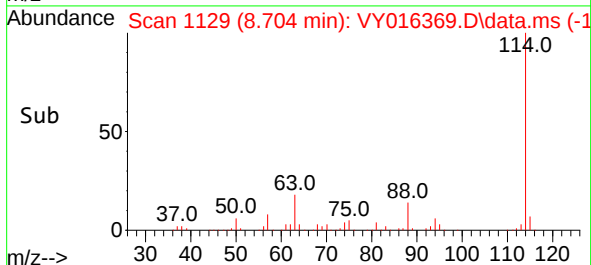
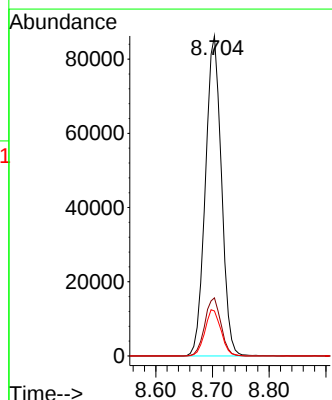
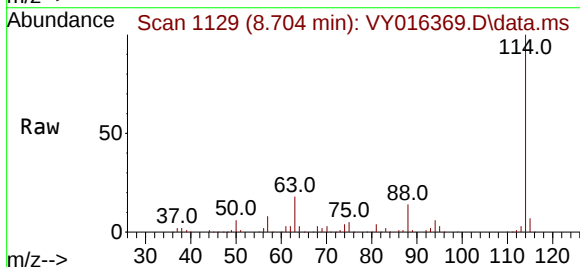
Tgt Ion: 114 Resp: 169432

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

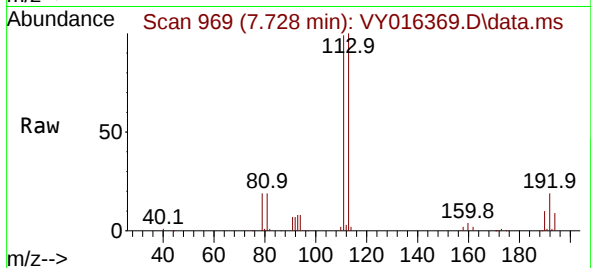
88 14.0 0.0 30.6



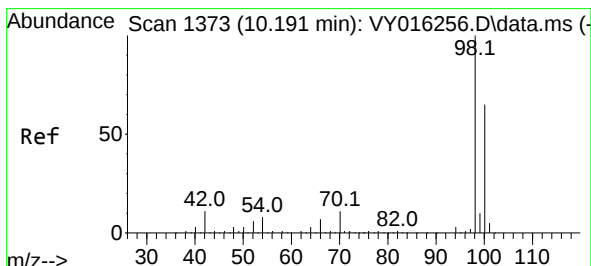
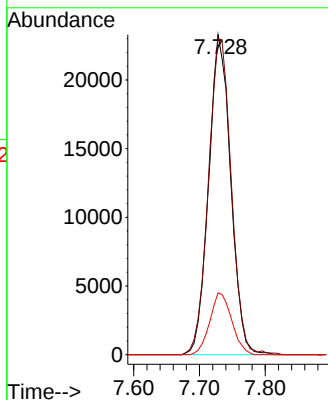
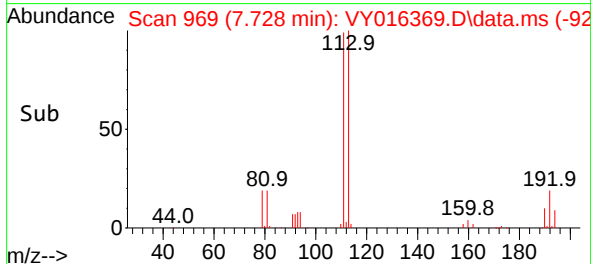


#35
Dibromofluoromethane
Concen: 56.509 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-DRUM-COMP

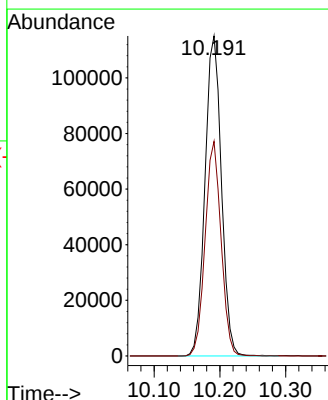
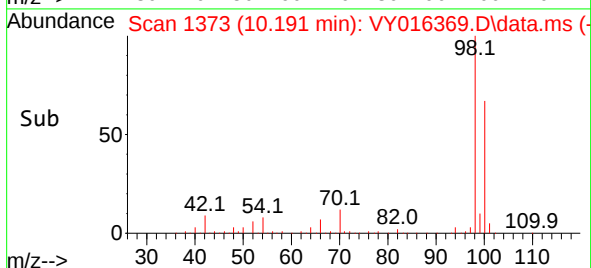
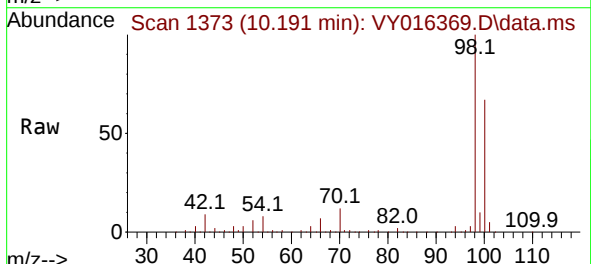


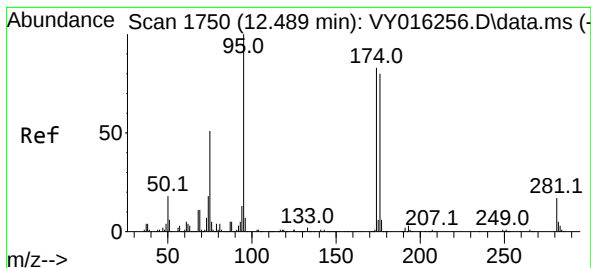
Tgt Ion:113 Resp: 54389
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 51.131 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Tgt Ion: 98 Resp: 199567
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

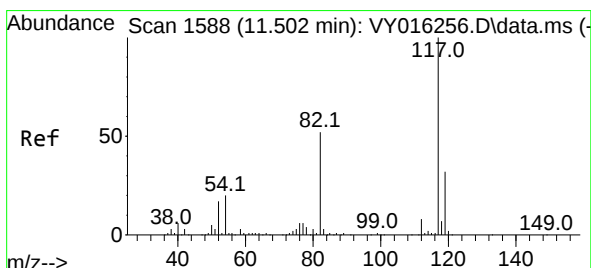
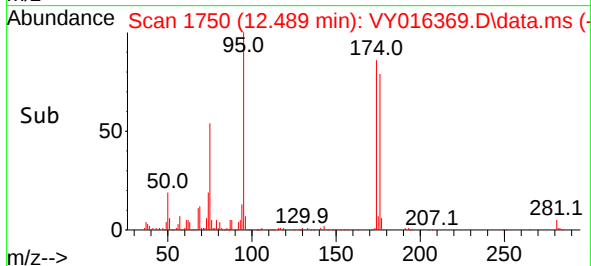
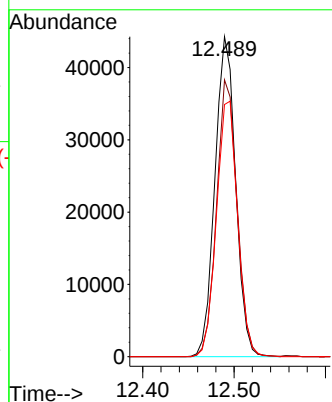
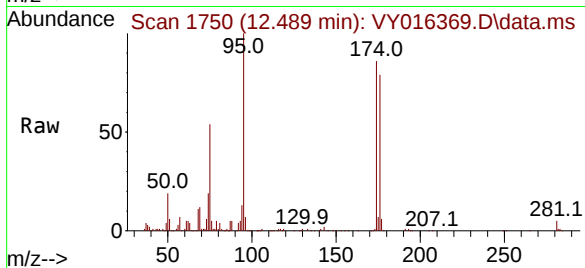




#62
4-Bromofluorobenzene
Concen: 54.975 ug/l
RT: 12.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

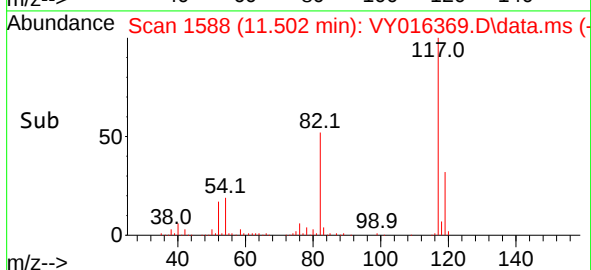
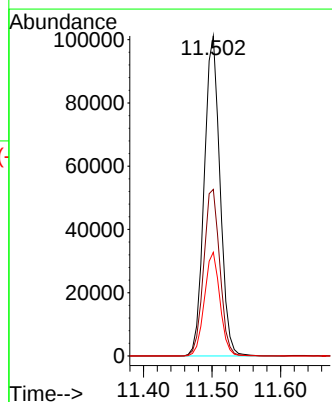
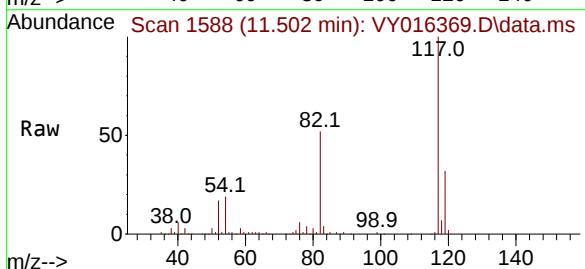
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-DRUM-COMP

Tgt Ion: 95 Resp: 69689
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016369.D
Acq: 15 Nov 2023 16:21

Tgt Ion: 117 Resp: 162463
Ion Ratio Lower Upper
117 100
82 52.1 43.4 65.0
119 32.4 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: VY016369.D

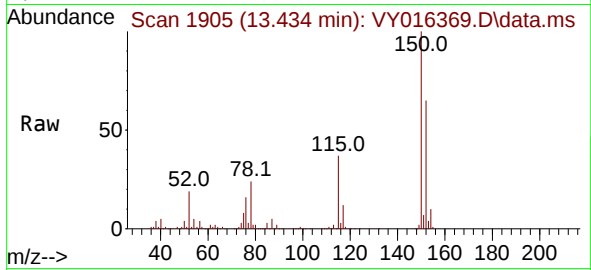
Acq: 15 Nov 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-DRUM-COMP



Tgt Ion:152 Resp: 74018

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 155.8 0.0 348.8

