

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016396.D
 Acq On : 16 Nov 2023 17:37
 Operator : SY/MD
 Sample : 05445-07
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3-1115

Quant Time: Nov 17 04:09:33 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)

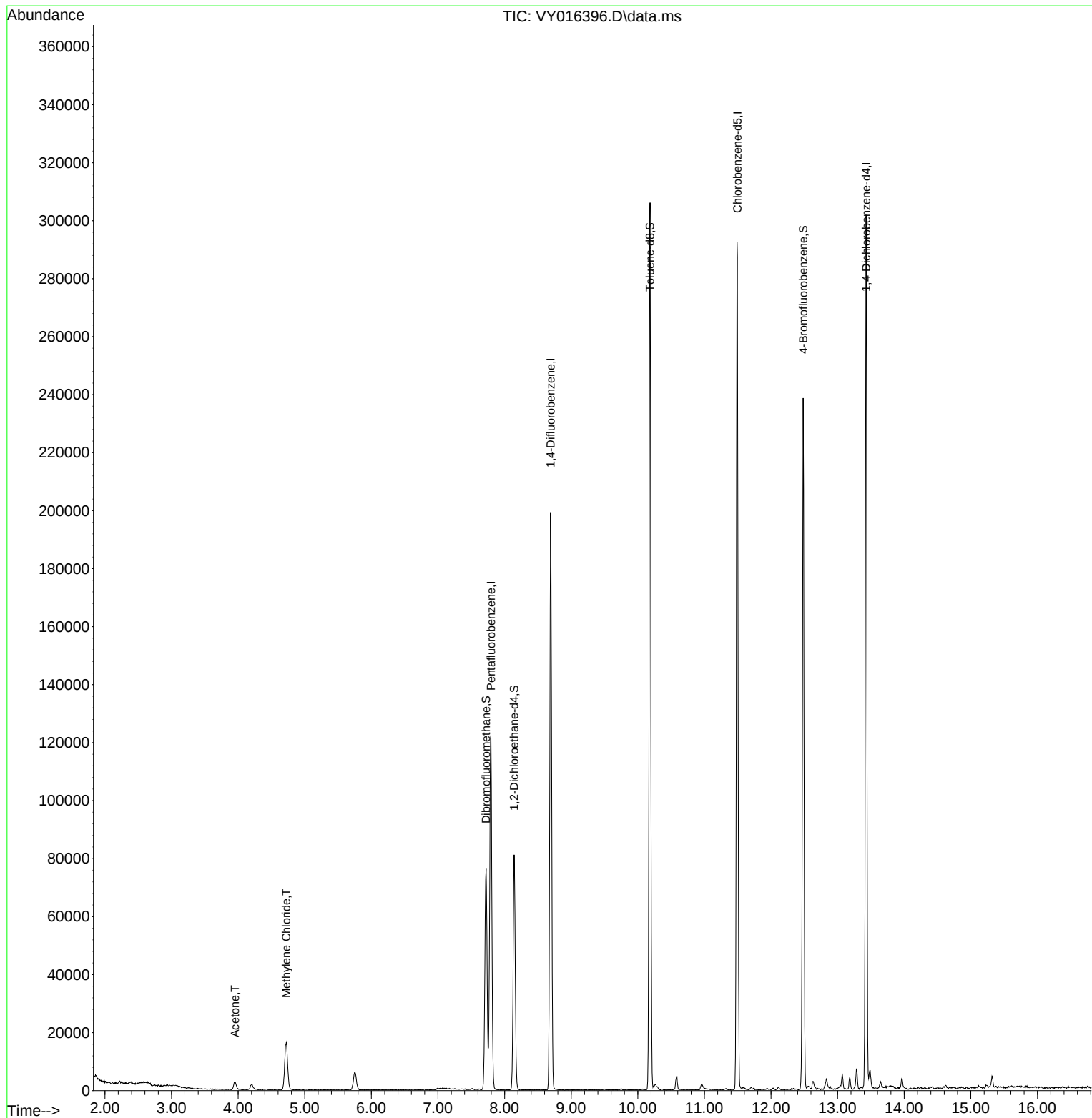
Internal Standards						
1) Pentafluorobenzene	7.795	168	97822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171714	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	168813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62154	69.519	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.040%	
35) Dibromofluoromethane	7.722	113	54867	56.248	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.500%	
50) Toluene-d8	10.185	98	205467	51.943	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.880%	
62) 4-Bromofluorobenzene	12.483	95	73147	56.936	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	4792	32.403	ug/l #	77
20) Methylene Chloride	4.722	84	13373	10.017	ug/l #	86

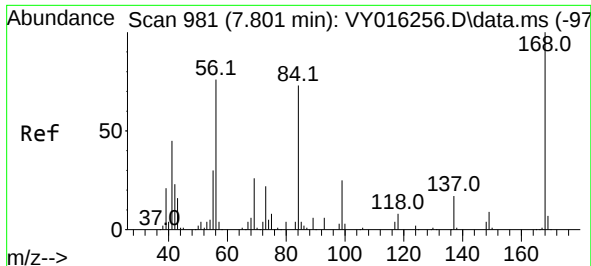
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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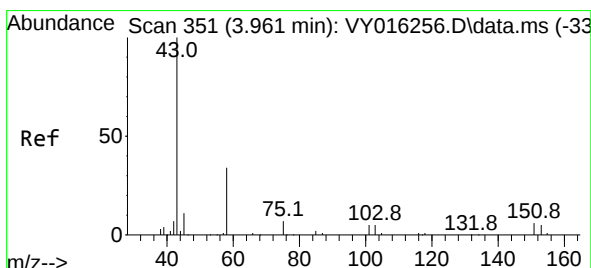
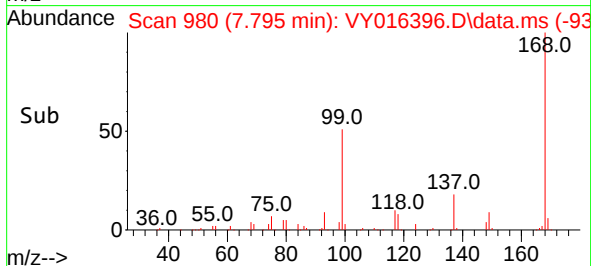
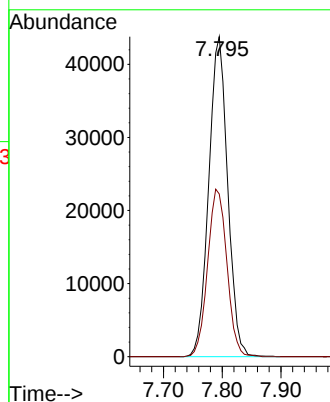
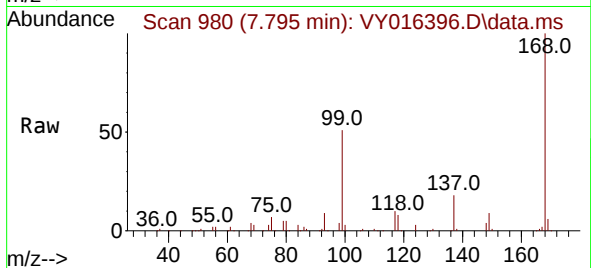




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016396.D
Acq: 16 Nov 2023 17:37

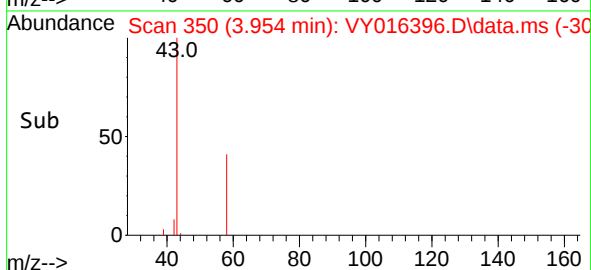
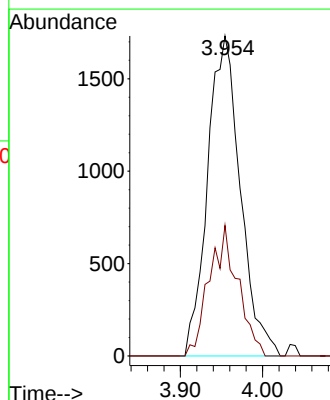
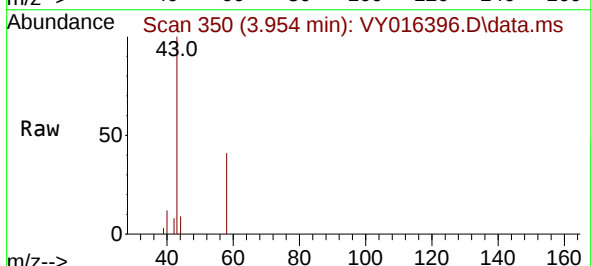
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3-1115

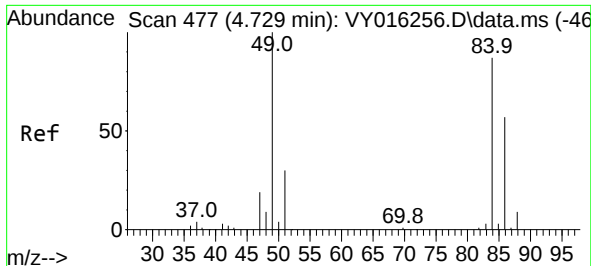
Tgt Ion:168 Resp: 97822
Ion Ratio Lower Upper
168 100
99 50.8 43.4 65.0



#16
Acetone
Concen: 32.403 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016396.D
Acq: 16 Nov 2023 17:37

Tgt Ion: 43 Resp: 4792
Ion Ratio Lower Upper
43 100
58 40.8 22.7 34.1#





#20

Methylene Chloride

Concen: 10.017 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.007 min

Lab File: VY016396.D

Acq: 16 Nov 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3-1115

Tgt Ion: 84 Resp: 13373

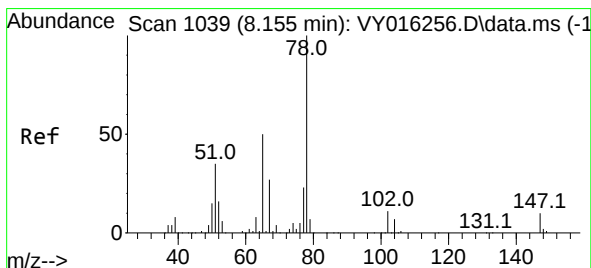
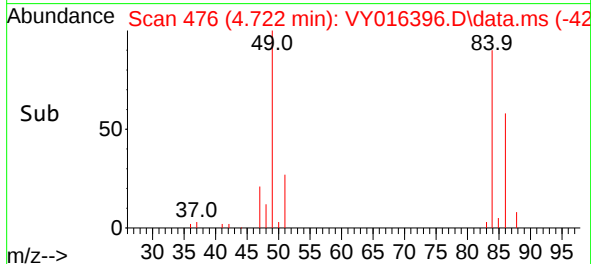
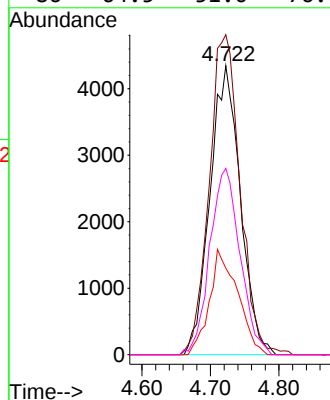
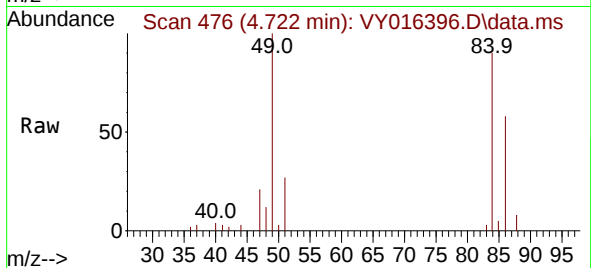
Ion Ratio Lower Upper

84 100

49 110.7 106.9 160.3

51 30.0 33.2 49.8#

86 64.5 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 69.519 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.012 min

Lab File: VY016396.D

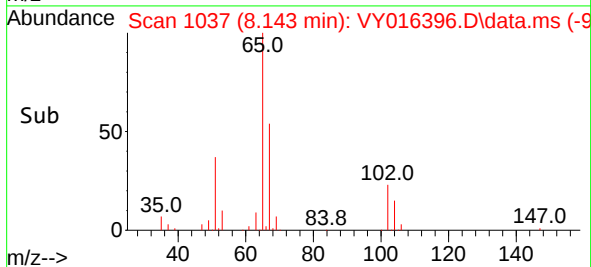
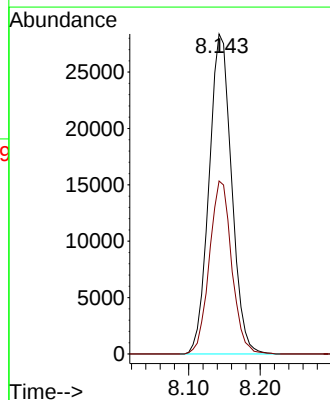
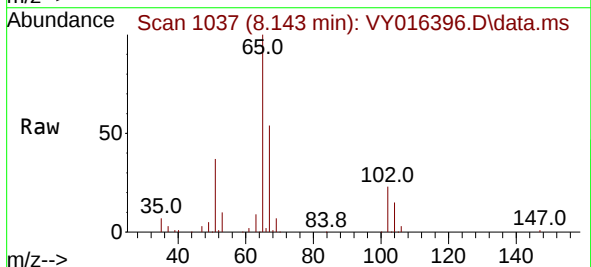
Acq: 16 Nov 2023 17:37

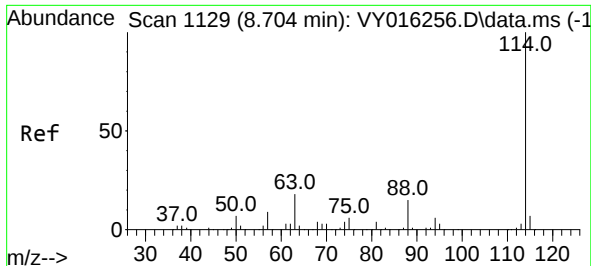
Tgt Ion: 65 Resp: 62154

Ion Ratio Lower Upper

65 100

67 53.5 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: VY016396.D

Acq: 16 Nov 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3-1115

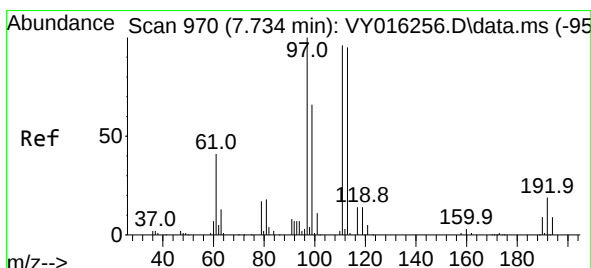
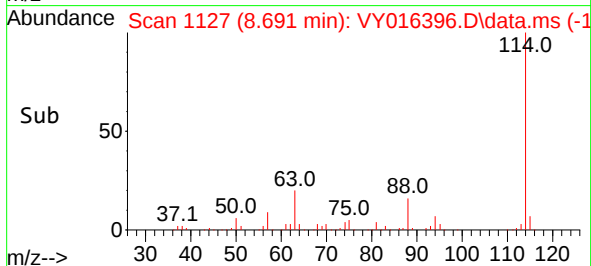
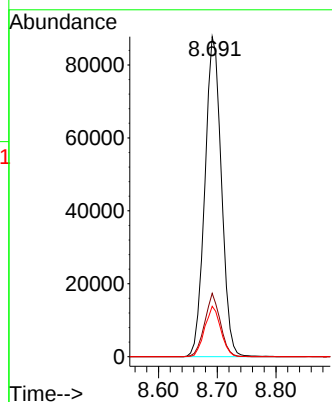
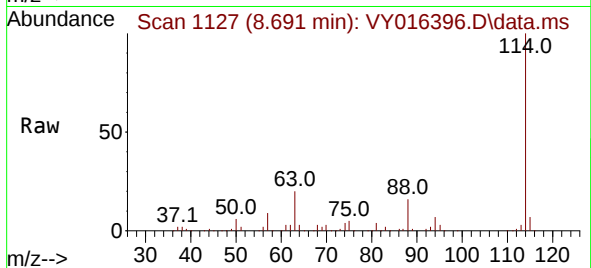
Tgt Ion:114 Resp: 171714

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.248 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016396.D

Acq: 16 Nov 2023 17:37

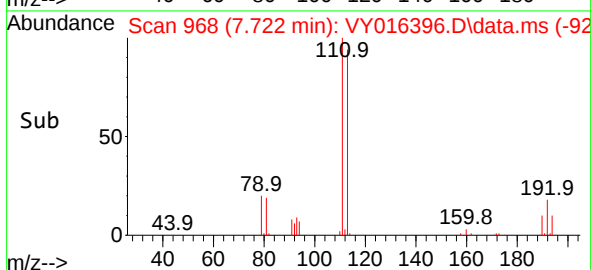
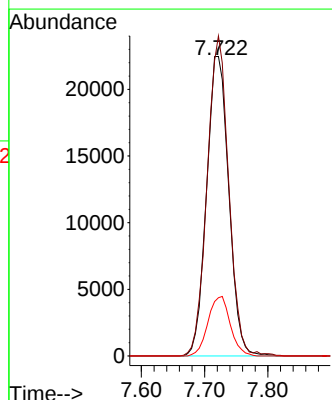
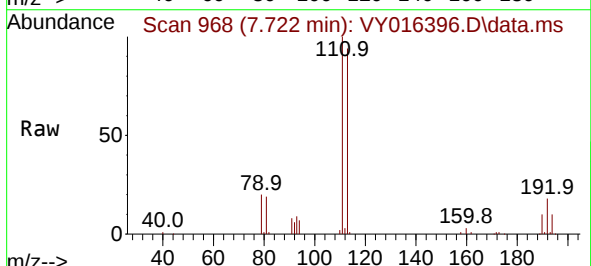
Tgt Ion:113 Resp: 54867

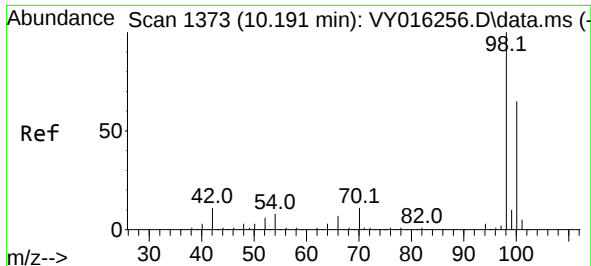
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 19.9 16.9 25.3

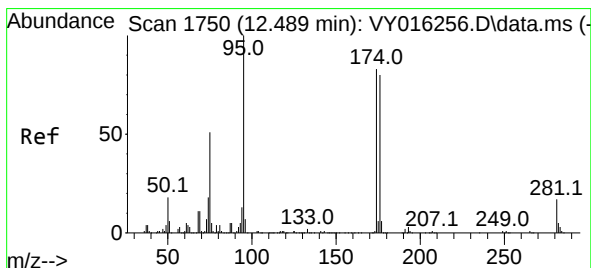
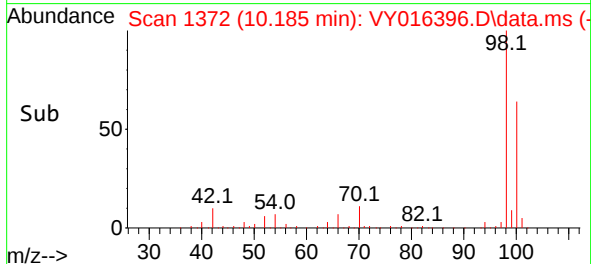
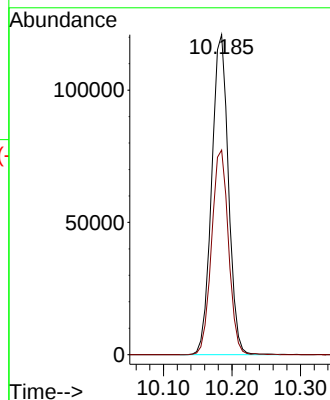
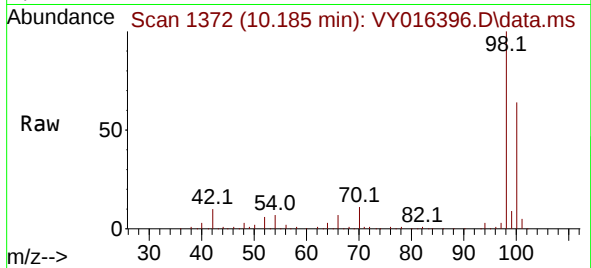




#50
Toluene-d8
Concen: 51.943 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016396.D
Acq: 16 Nov 2023 17:37

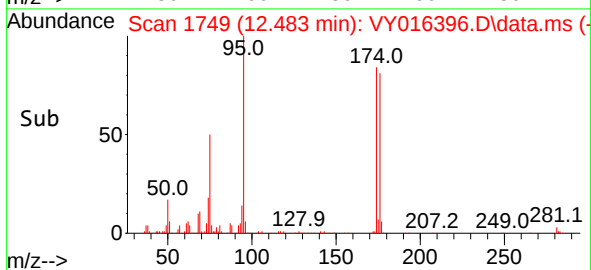
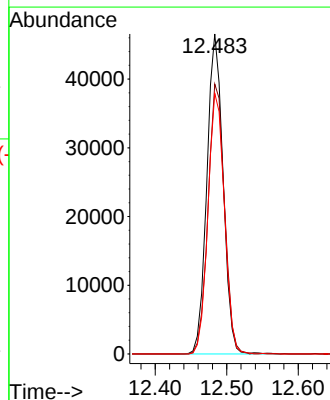
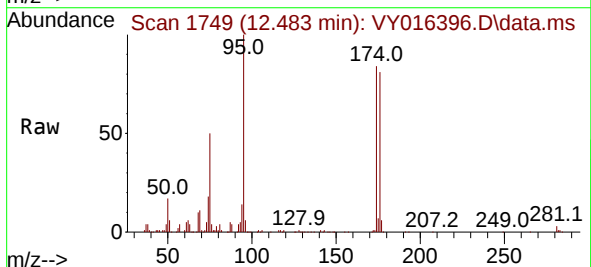
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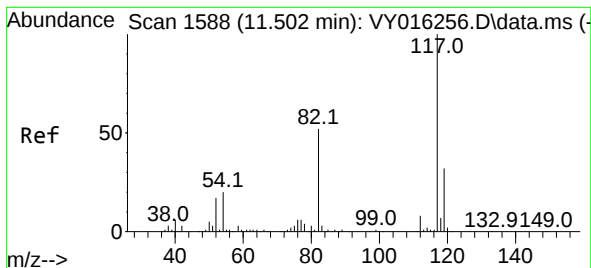
Tgt Ion: 98 Resp: 205467
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.936 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016396.D
Acq: 16 Nov 2023 17:37

Tgt Ion: 95 Resp: 73147
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.7 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: VY016396.D

Acq: 16 Nov 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-3-1115

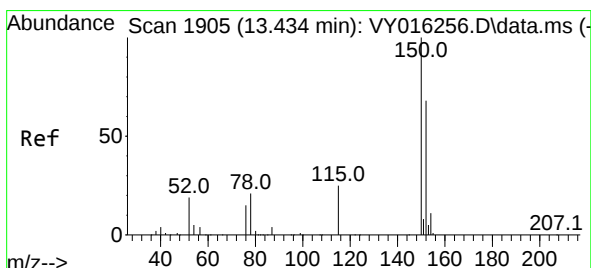
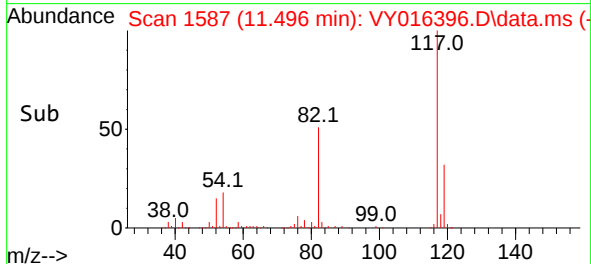
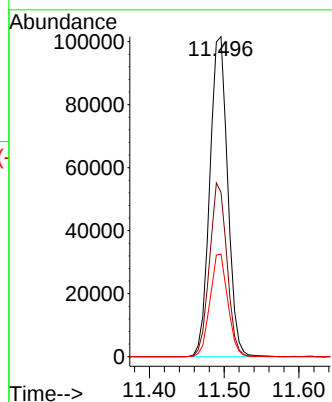
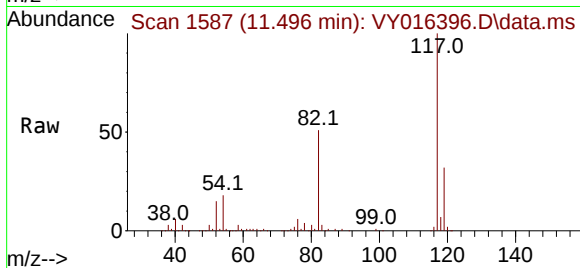
Tgt Ion:117 Resp: 168813

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.0

119 32.1 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: VY016396.D

Acq: 16 Nov 2023 17:37

Tgt Ion:152 Resp: 79318

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.1 0.0 348.8

