

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020465.D
 Acq On : 27 Nov 2024 17:01
 Operator : SY/MD
 Sample : P5026-04
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1-HAM-GRAB

Quant Time: Nov 28 01:02:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

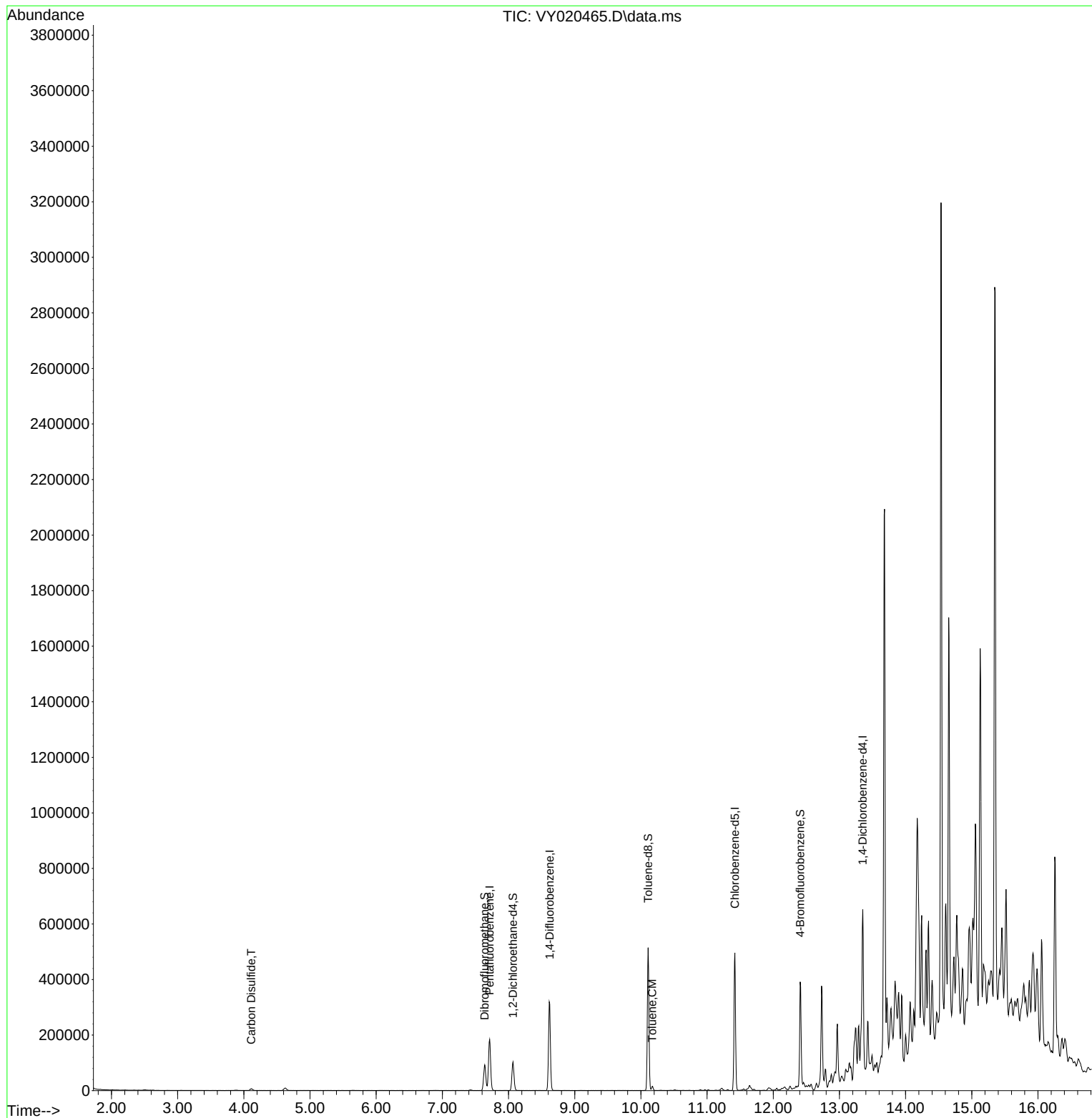
Internal Standards						
1) Pentafluorobenzene	7.713	168	134136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	262414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	254042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	103875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	83756	54.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.700%
35) Dibromofluoromethane	7.640	113	64766	38.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.980%
50) Toluene-d8	10.109	98	321173	48.454	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.900%
62) 4-Bromofluorobenzene	12.408	95	112056	52.588	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	105.180%
Target Compounds						
17) Carbon Disulfide	4.110	76	12978	2.633	ug/l	100
52) Toluene	10.170	92	5702	1.239	ug/l	96

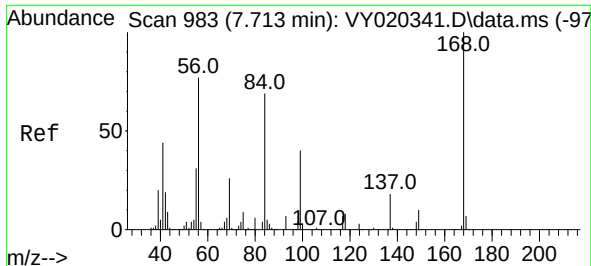
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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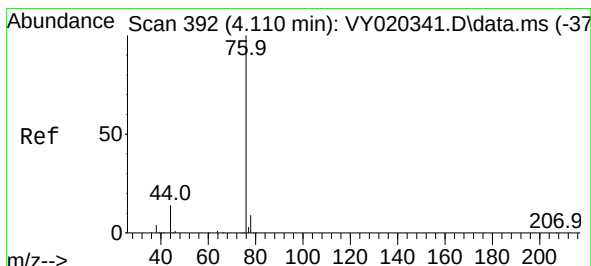
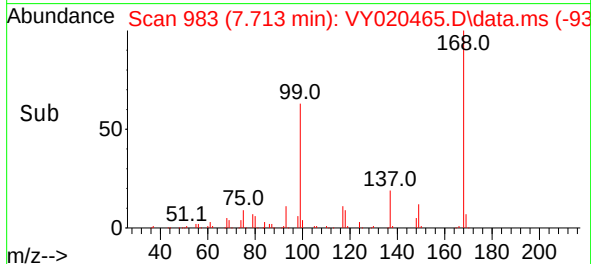
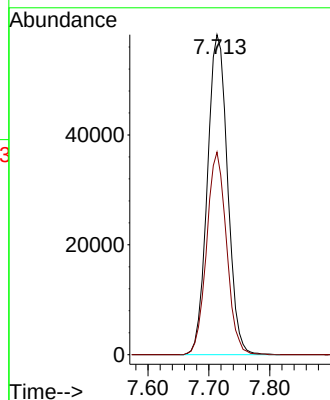
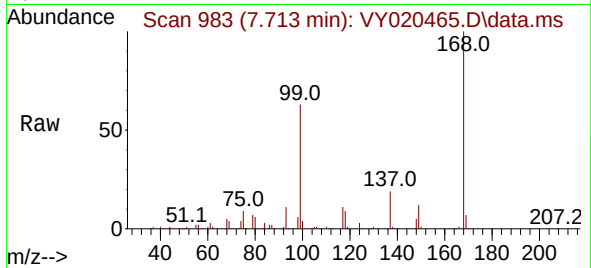




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:01

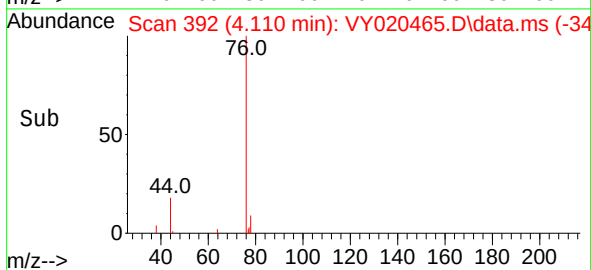
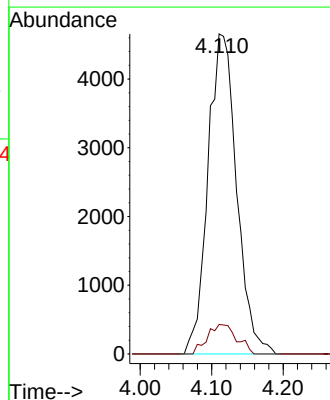
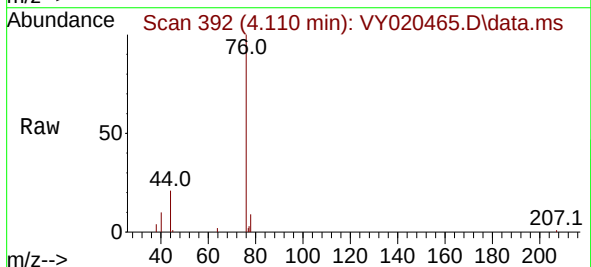
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1-HAM-GRAB

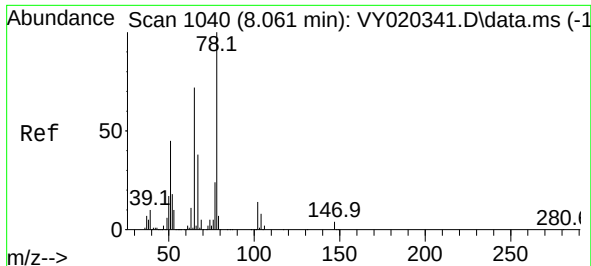
Tgt Ion:168 Resp: 134136
Ion Ratio Lower Upper
168 100
99 63.3 46.6 69.8



#17
Carbon Disulfide
Concen: 2.633 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY020465.D
Acq: 27 Nov 2024 17:01

Tgt Ion: 76 Resp: 12978
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9





#33

1,2-Dichloroethane-d4

Concen: 54.349 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020465.D

Acq: 27 Nov 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

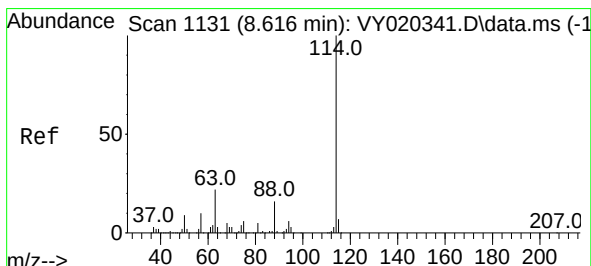
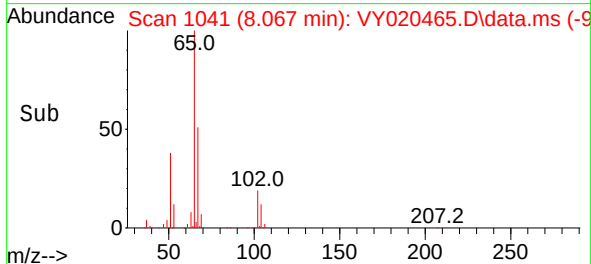
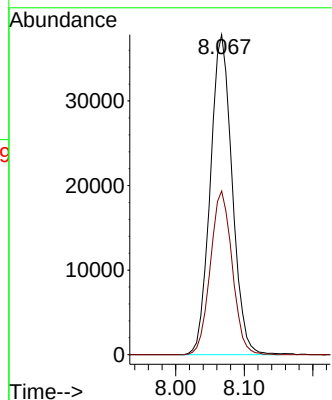
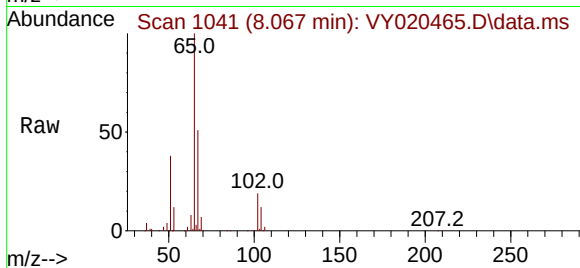
SOIL-1-HAM-GRAB

Tgt Ion: 65 Resp: 83756

Ion Ratio Lower Upper

65 100

67 51.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020465.D

Acq: 27 Nov 2024 17:01

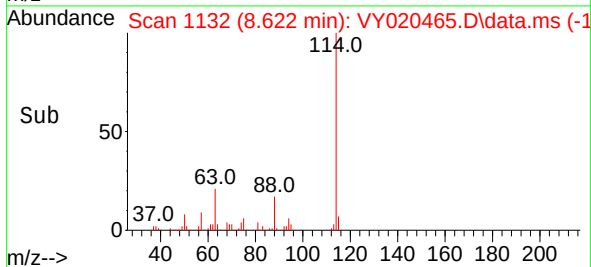
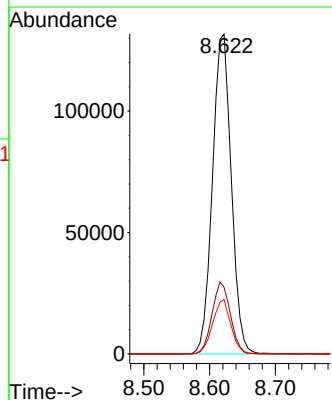
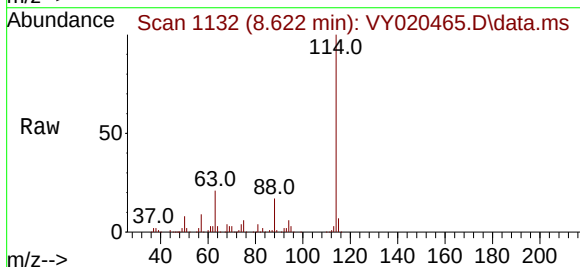
Tgt Ion: 114 Resp: 262414

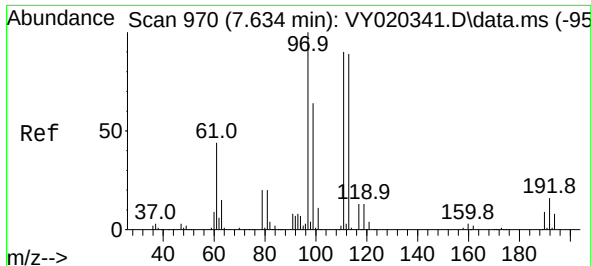
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.8

88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 38.490 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020465.D

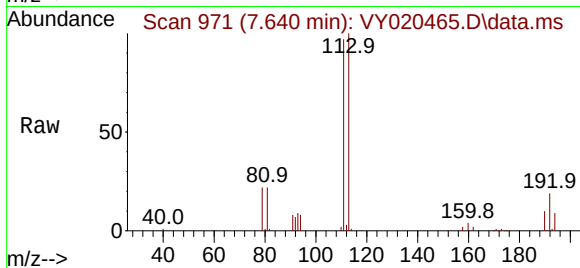
Acq: 27 Nov 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1-HAM-GRAB



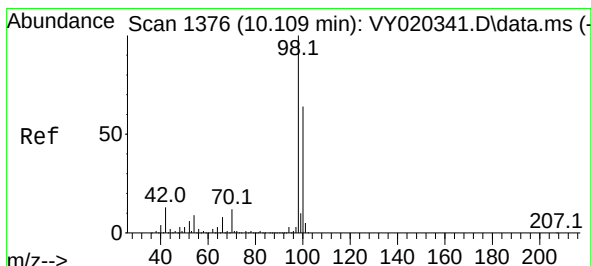
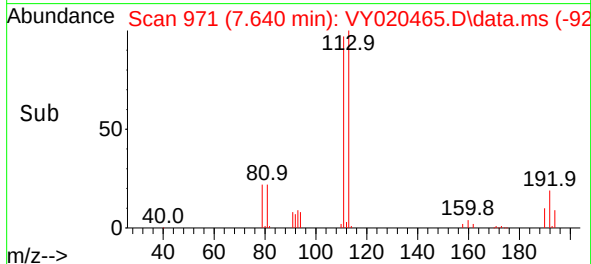
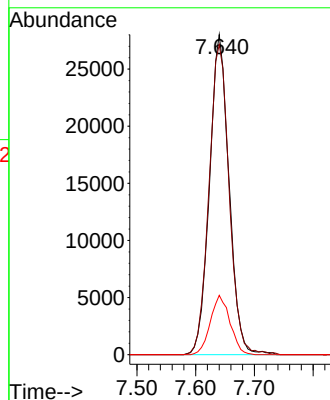
Tgt Ion:113 Resp: 64766

Ion Ratio Lower Upper

113 100

111 100.1 81.4 122.0

192 18.6 15.1 22.7



#50

Toluene-d8

Concen: 48.454 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020465.D

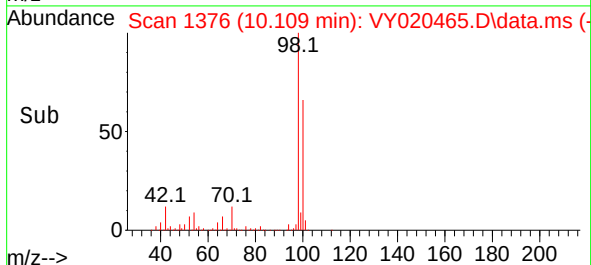
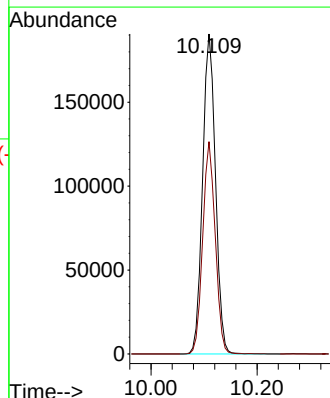
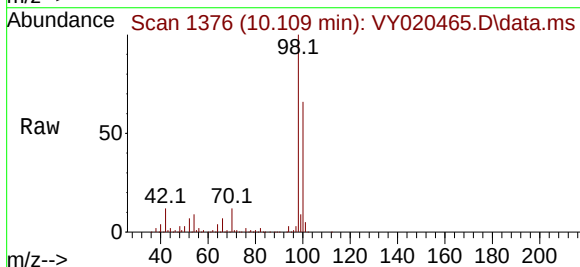
Acq: 27 Nov 2024 17:01

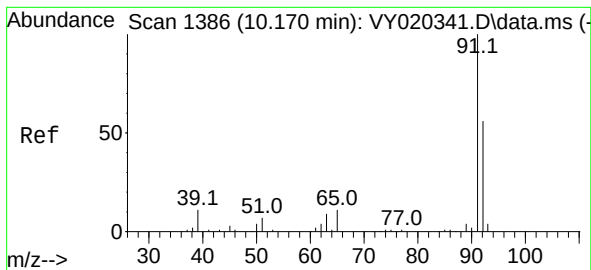
Tgt Ion: 98 Resp: 321173

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9





#52

Toluene

Concen: 1.239 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY020465.D

Acq: 27 Nov 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

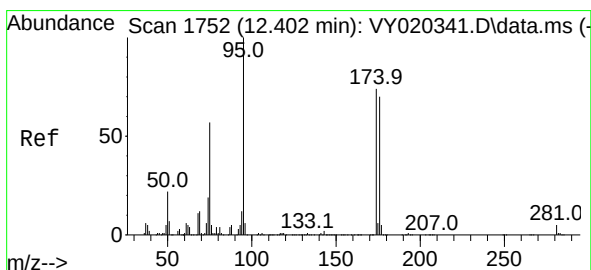
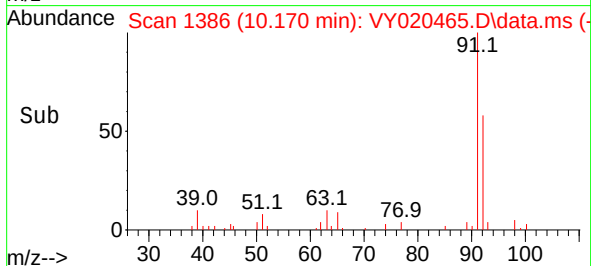
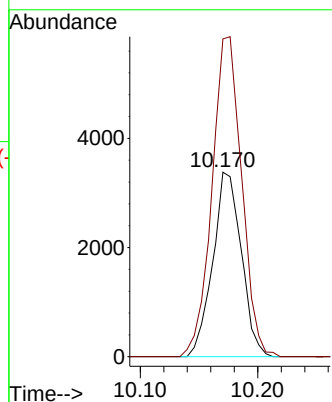
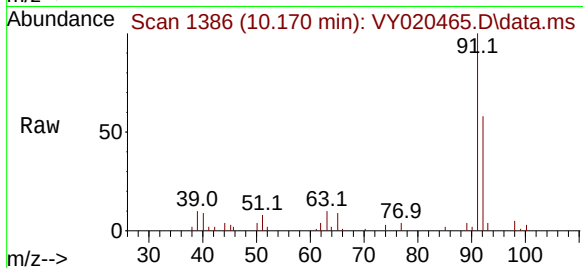
SOIL-1-HAM-GRAB

Tgt Ion: 92 Resp: 5702

Ion Ratio Lower Upper

92 100

91 180.5 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 52.588 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020465.D

Acq: 27 Nov 2024 17:01

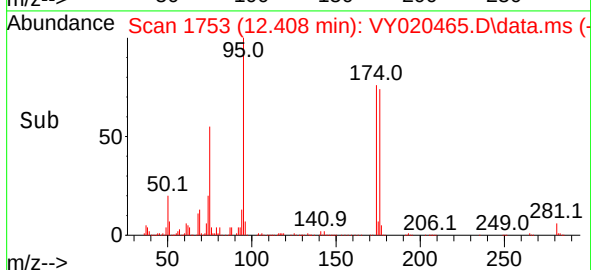
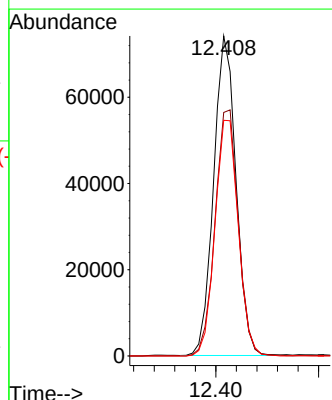
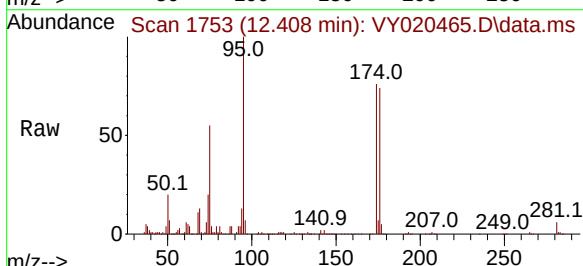
Tgt Ion: 95 Resp: 112056

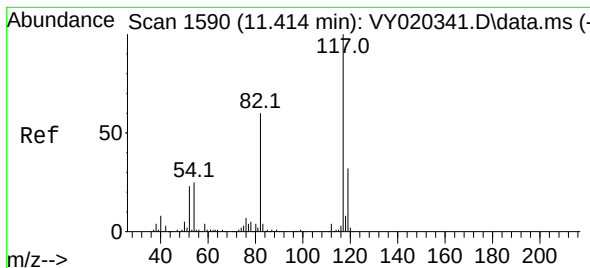
Ion Ratio Lower Upper

95 100

174 79.7 0.0 156.8

176 76.6 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020465.D

Acq: 27 Nov 2024 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1-HAM-GRAB

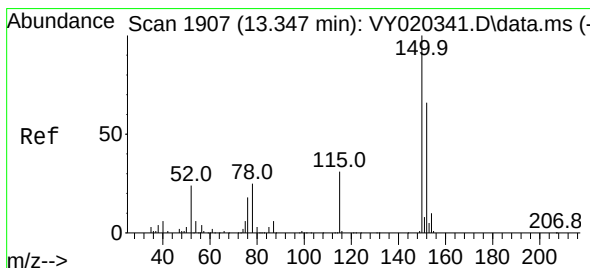
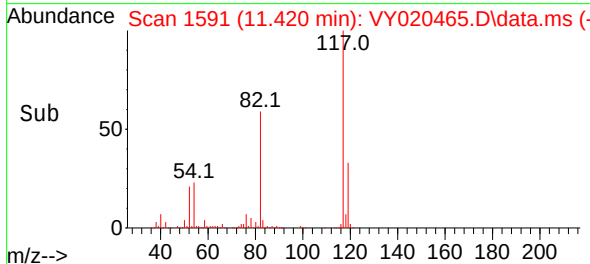
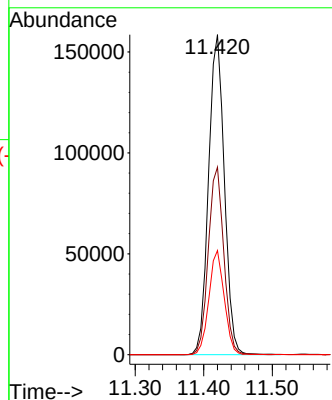
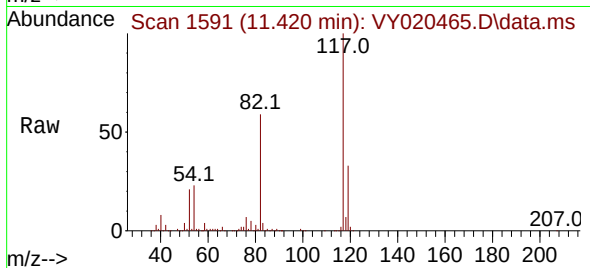
Tgt Ion:117 Resp: 254042

Ion Ratio Lower Upper

117 100

82 58.6 48.2 72.4

119 32.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020465.D

Acq: 27 Nov 2024 17:01

Tgt Ion:152 Resp: 103875

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 155.9 0.0 348.2

