

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122122\
 Data File : VY011940.D
 Acq On : 21 Dec 2022 12:40
 Operator : KP/MD
 Sample : N6067-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SOIL-20221214

Quant Time: Dec 22 00:12:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

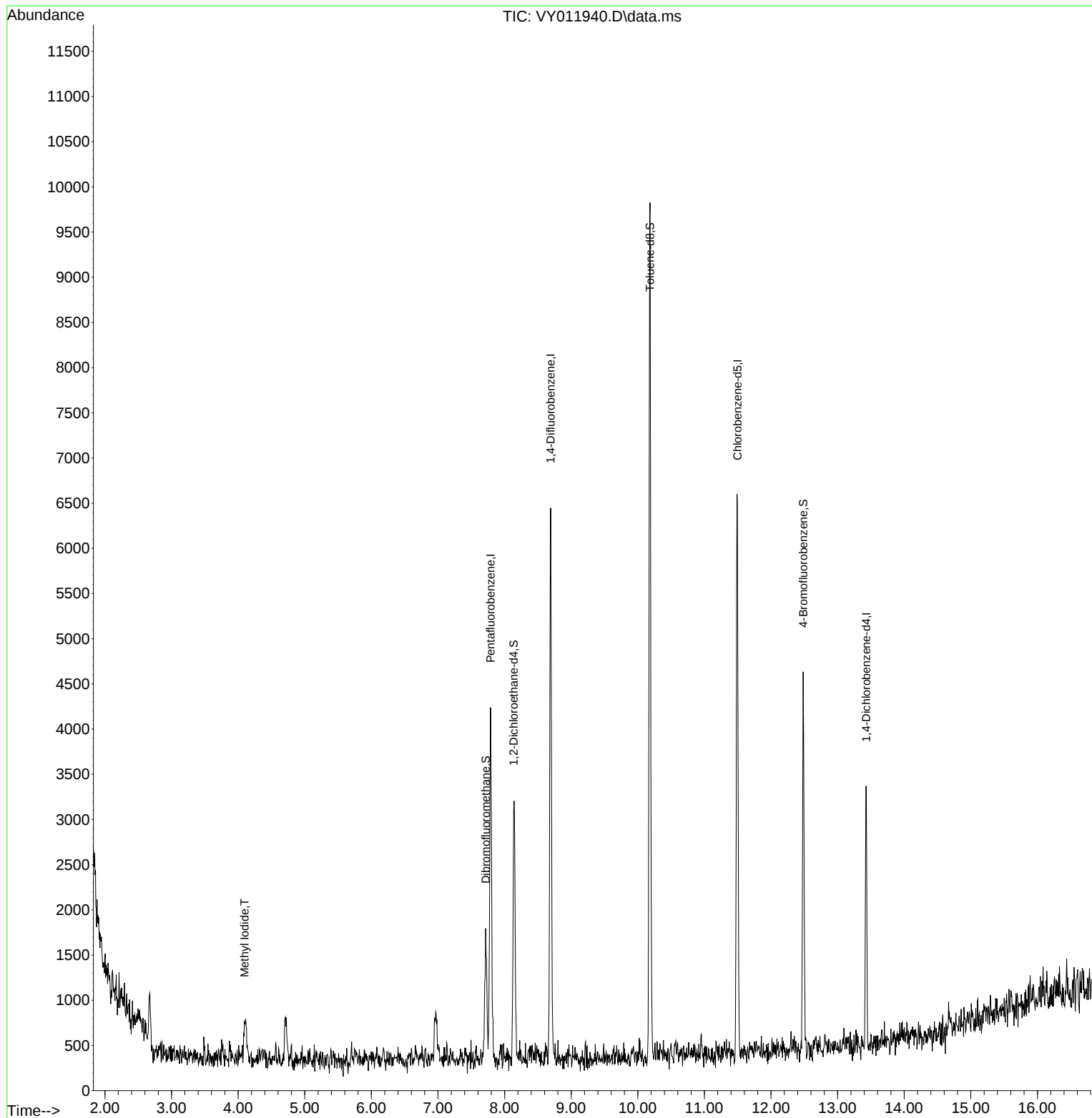
Internal Standards						
1) Pentafluorobenzene	7.789	168	3372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	4209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2517	74.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.180%
35) Dibromofluoromethane	7.716	113	1199	36.073	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.140%
50) Toluene-d8	10.185	98	6993	51.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.483	95	1655	36.490	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.980%
Target Compounds						
10) Methyl Iodide	4.094	142	730	16.543	ug/l	Qvalue # 85

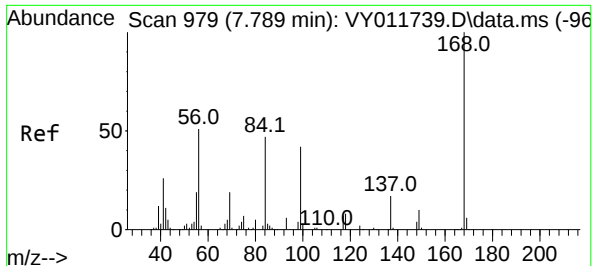
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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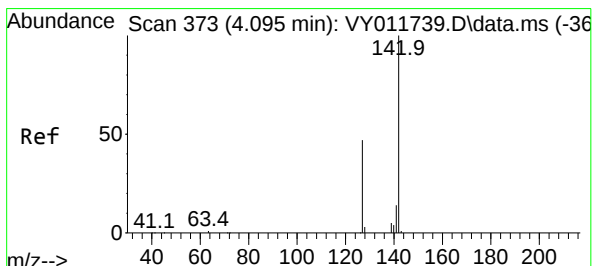
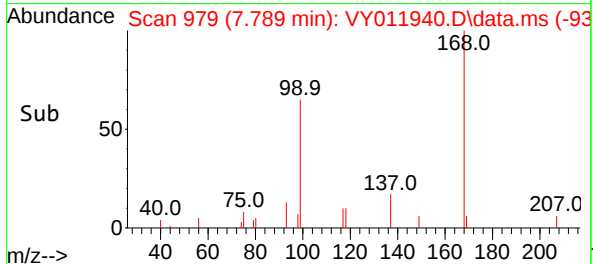
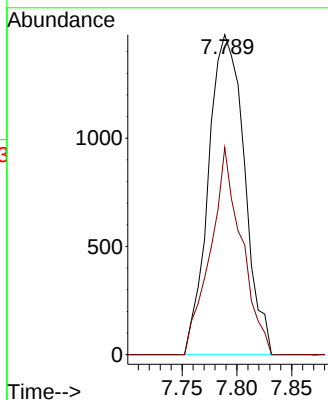
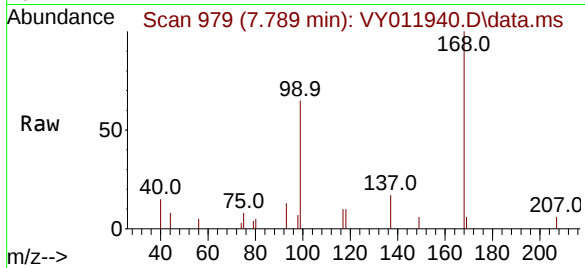




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011940.D
Acq: 21 Dec 2022 12:40

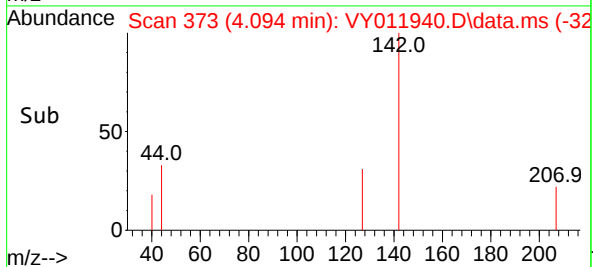
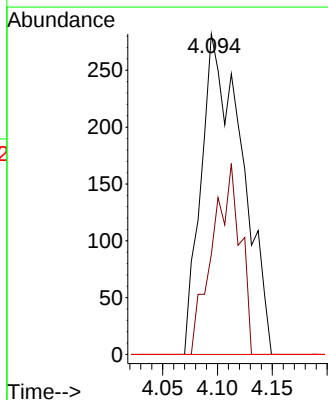
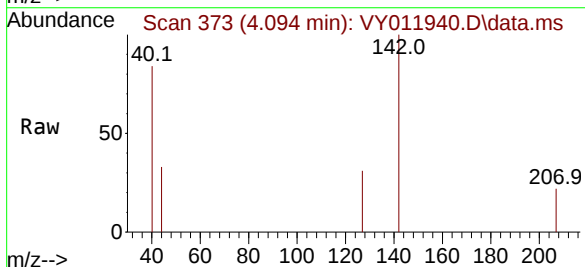
Instrument :
MSVOA_Y
ClientSampleId :
WC-SOIL-20221214

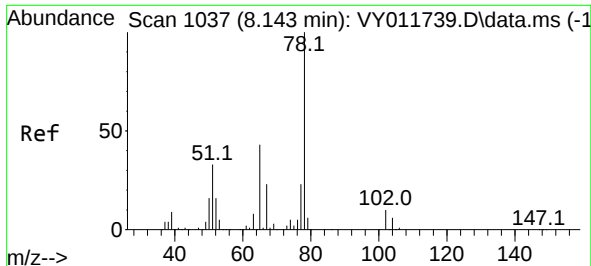
Tgt Ion:168 Resp: 3372
Ion Ratio Lower Upper
168 100
99 64.7 44.0 66.0



#10
Methyl Iodide
Concen: 16.543 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY011940.D
Acq: 21 Dec 2022 12:40

Tgt Ion:142 Resp: 730
Ion Ratio Lower Upper
142 100
127 40.7 37.0 55.4
141 0.0 11.4 17.0#





#33

1,2-Dichloroethane-d4

Concen: 74.090 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY011940.D

Acq: 21 Dec 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

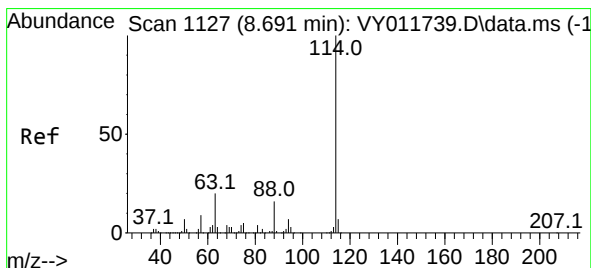
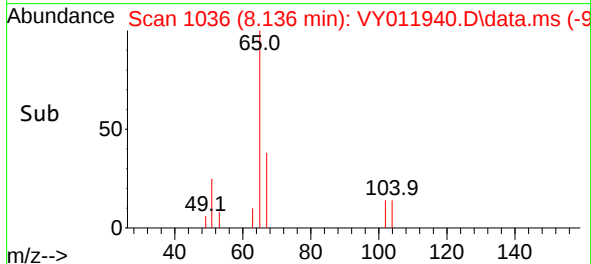
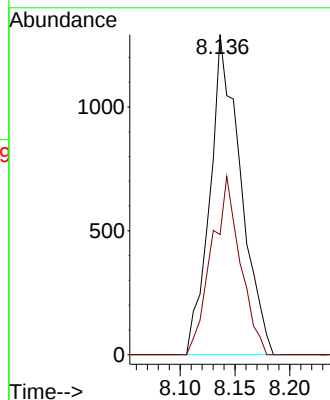
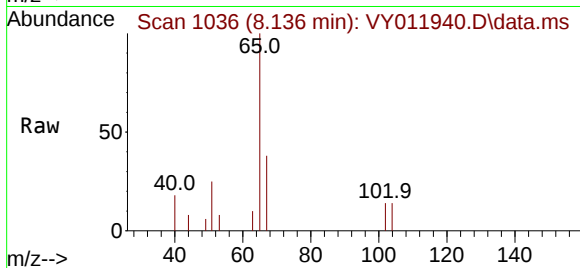
WC-SOIL-20221214

Tgt Ion: 65 Resp: 2517

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011940.D

Acq: 21 Dec 2022 12:40

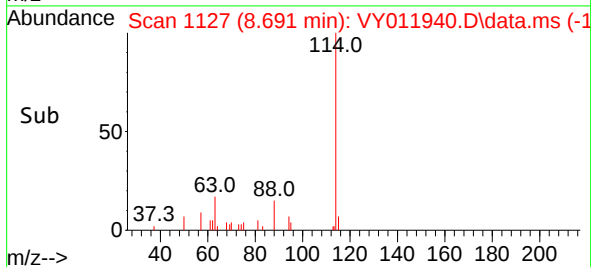
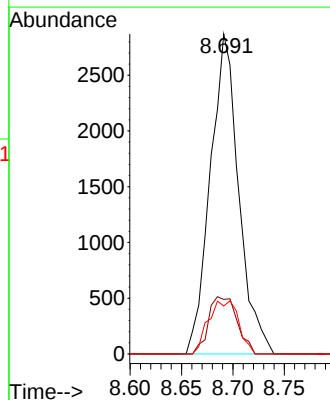
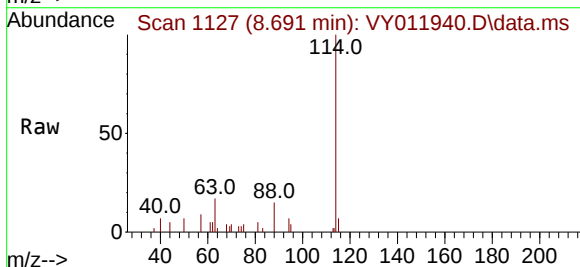
Tgt Ion: 114 Resp: 5521

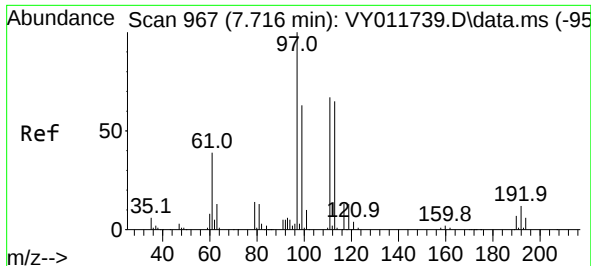
Ion Ratio Lower Upper

114 100

63 17.0 0.0 39.6

88 15.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 36.073 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY011940.D

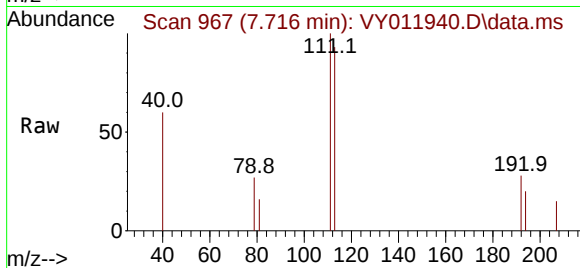
Acq: 21 Dec 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

WC-SOIL-20221214



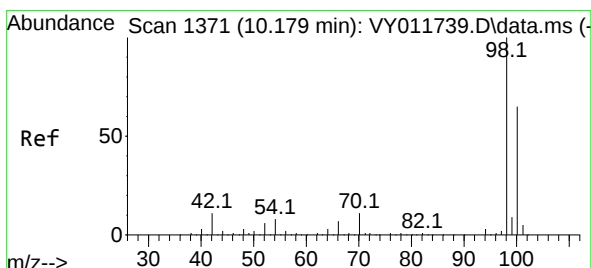
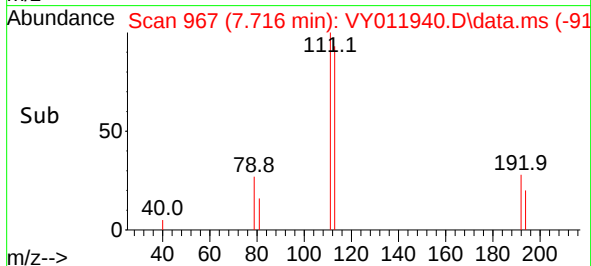
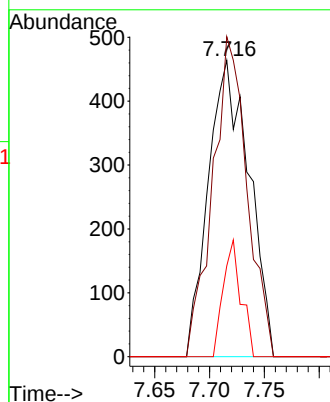
Tgt Ion:113 Resp: 1199

Ion Ratio Lower Upper

113 100

111 91.2 83.0 124.4

192 17.3 16.0 24.0



#50

Toluene-d8

Concen: 51.856 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY011940.D

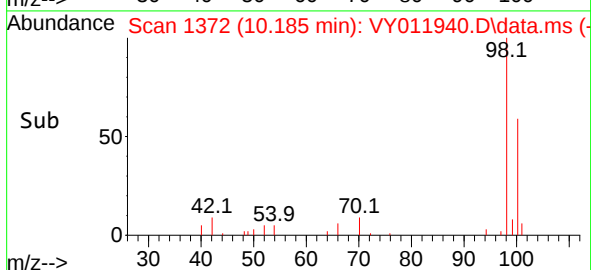
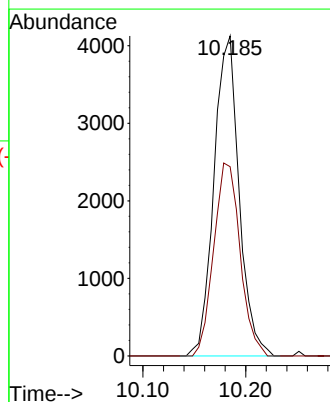
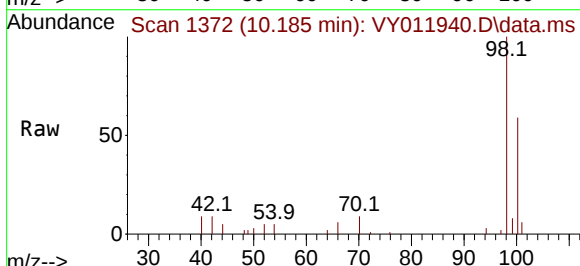
Acq: 21 Dec 2022 12:40

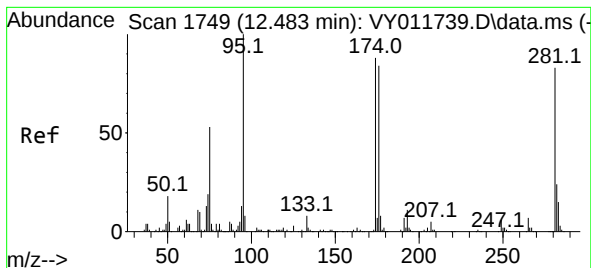
Tgt Ion: 98 Resp: 6993

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 36.490 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011940.D

Acq: 21 Dec 2022 12:40

Instrument :

MSVOA_Y

ClientSampleId :

WC-SOIL-20221214

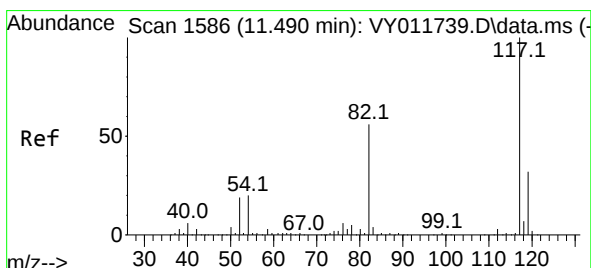
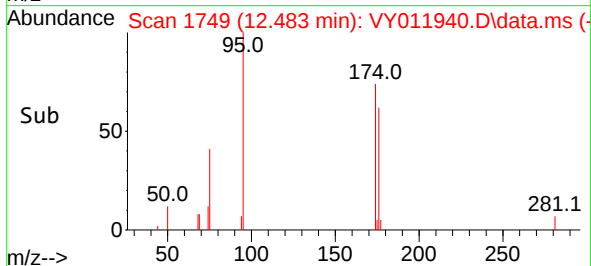
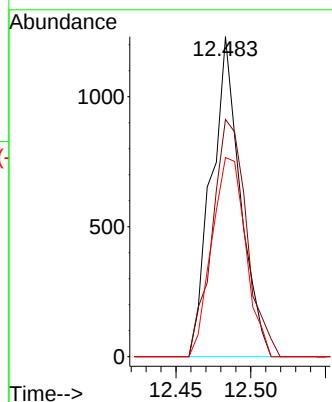
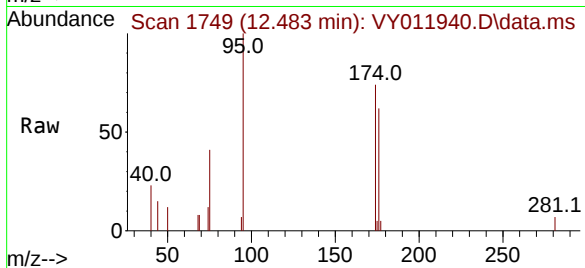
Tgt Ion: 95 Resp: 1655

Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.0

176 72.9 0.0 167.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY011940.D

Acq: 21 Dec 2022 12:40

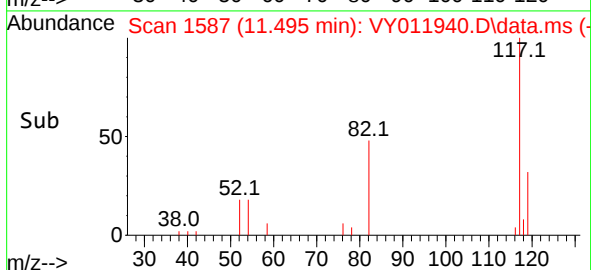
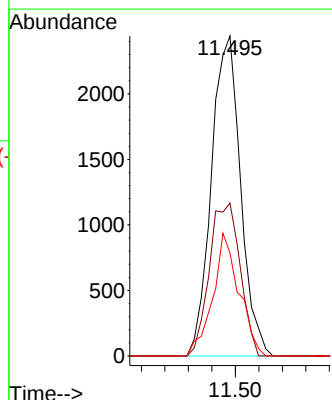
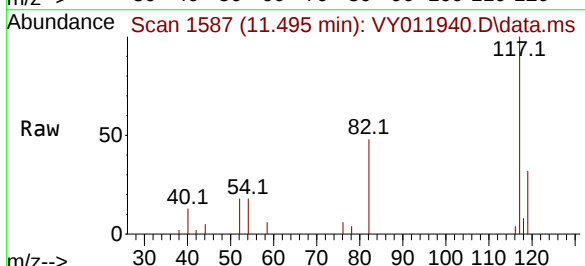
Tgt Ion: 117 Resp: 4209

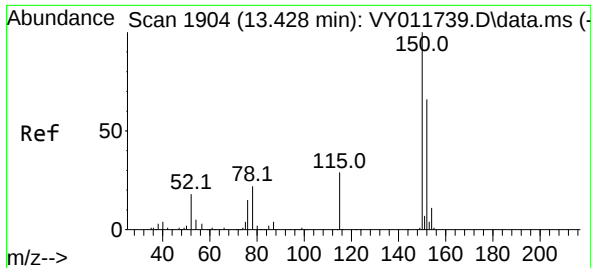
Ion Ratio Lower Upper

117 100

82 47.8 44.8 67.2

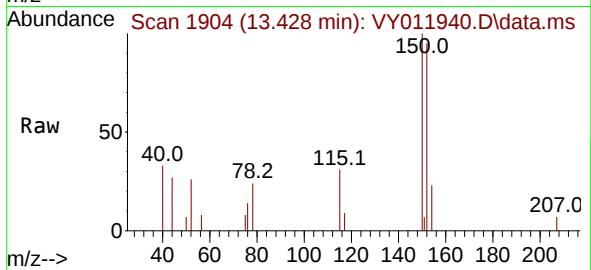
119 32.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011940.D
 Acq: 21 Dec 2022 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SOIL-20221214



Tgt Ion:	152	Resp:	1064
Ion	Ratio	Lower	Upper
152	100		
115	46.1	29.1	87.3
150	138.3	0.0	342.6

