

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013016.D
 Acq On : 20 Mar 2023 18:24
 Operator : KP/MD
 Sample : 02018-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DAHMER-ROCKY-SOIL

Quant Time: Mar 21 01:15:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	75468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	125432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	119942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50542	67.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.900%
35) Dibromofluoromethane	7.716	113	45829	60.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.080%
50) Toluene-d8	10.179	98	156966	56.720	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.440%
62) 4-Bromofluorobenzene	12.483	95	46868	50.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.360%

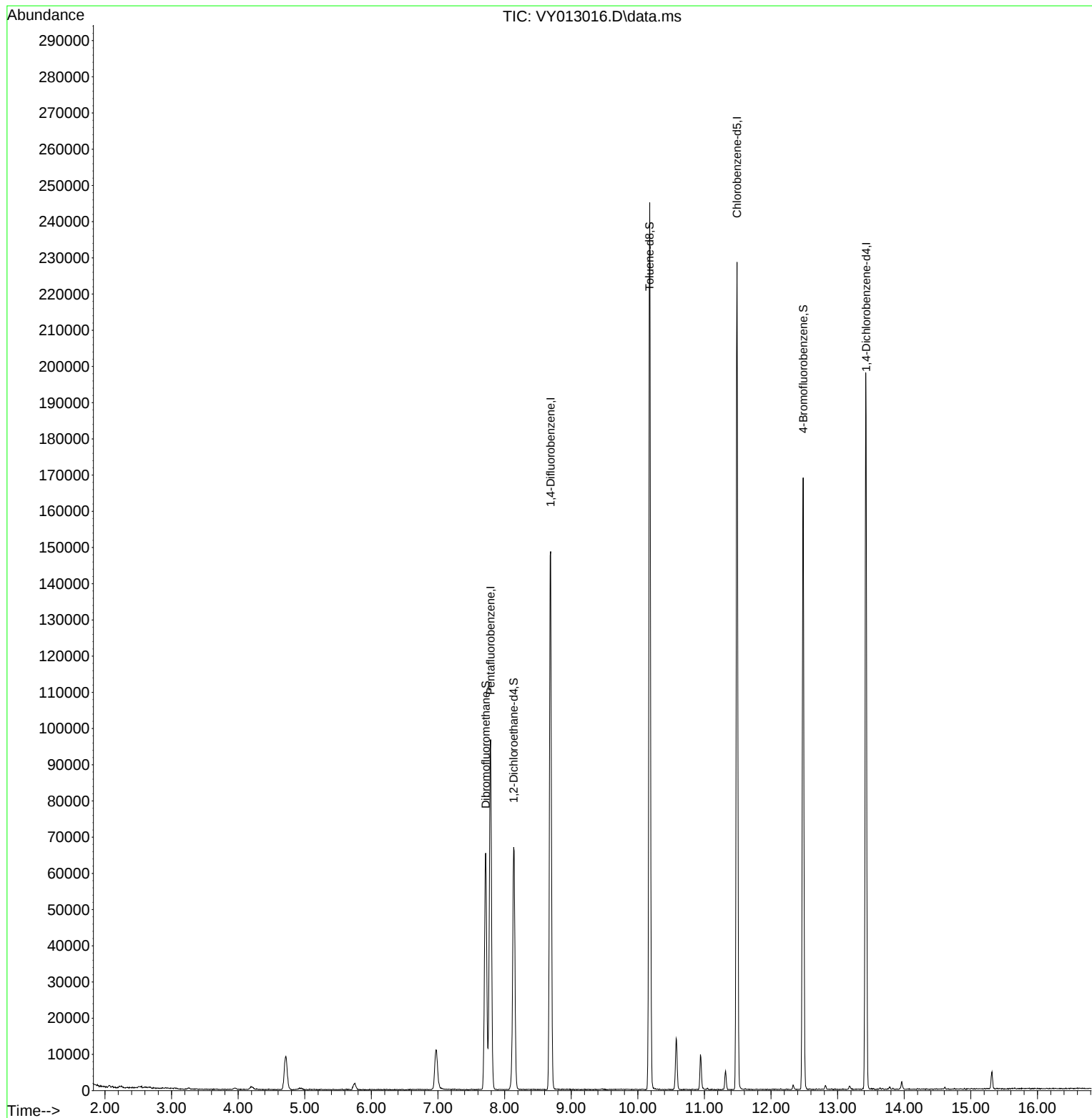
Target Compounds	Qvalue

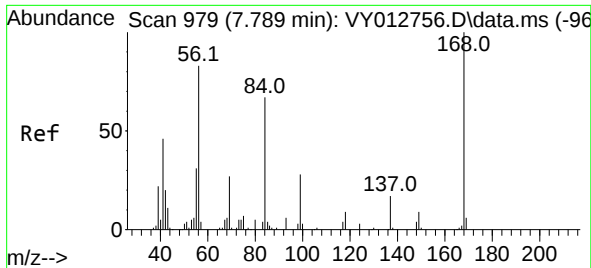
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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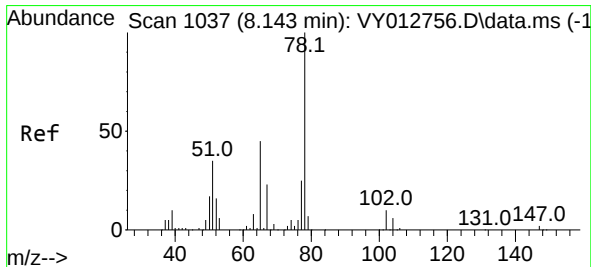
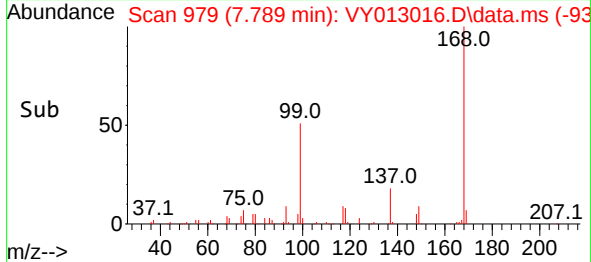
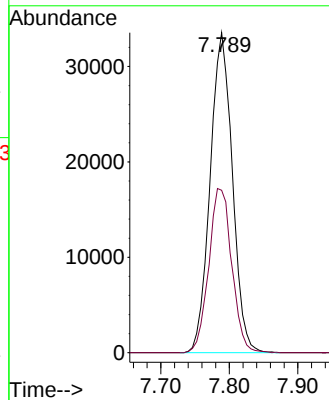
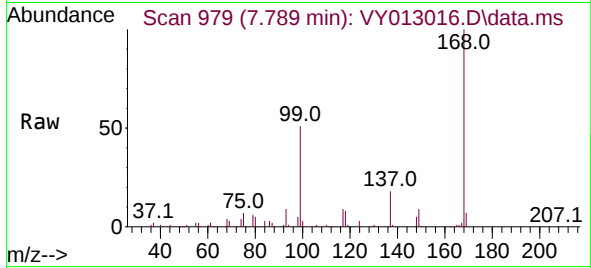




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013016.D
Acq: 20 Mar 2023 18:24

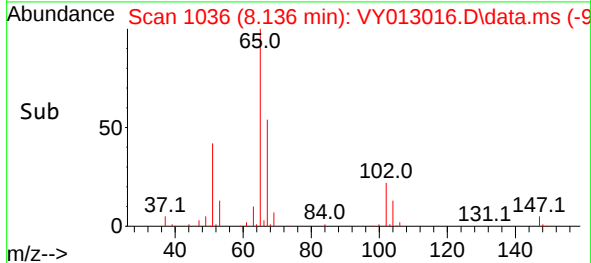
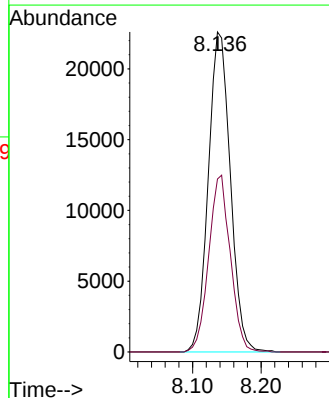
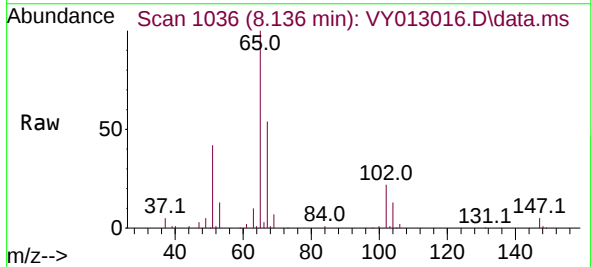
Instrument :
MSVOA_Y
ClientSampleId :
DAHMER-ROCKY-SOIL

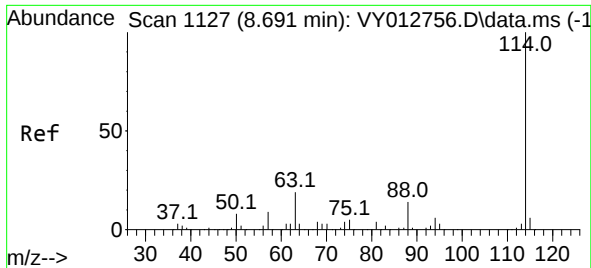
Tgt Ion:168 Resp: 75468
Ion Ratio Lower Upper
168 100
99 50.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 67.452 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013016.D
Acq: 20 Mar 2023 18:24

Tgt Ion: 65 Resp: 50542
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013016.D

Acq: 20 Mar 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :

DAHMER-ROCKY-SOIL

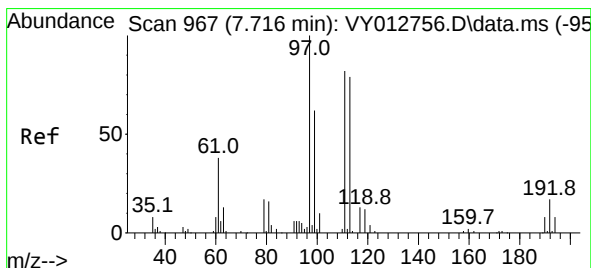
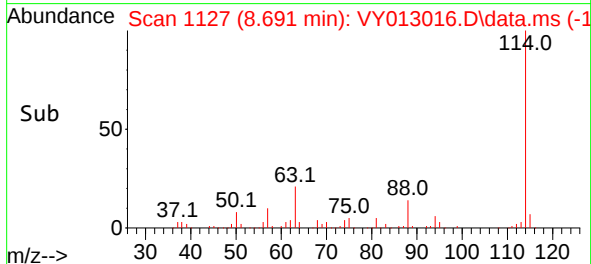
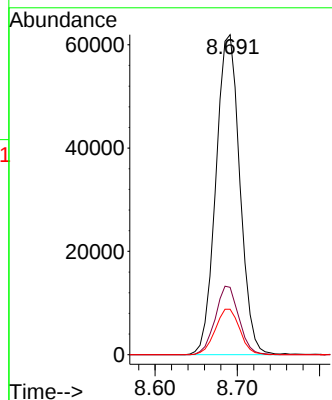
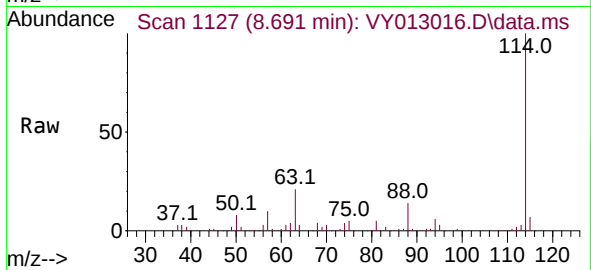
Tgt Ion:114 Resp: 125432

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 14.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 60.542 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013016.D

Acq: 20 Mar 2023 18:24

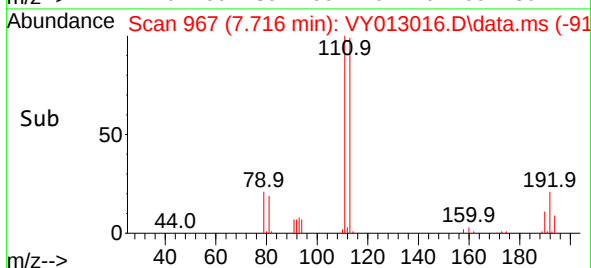
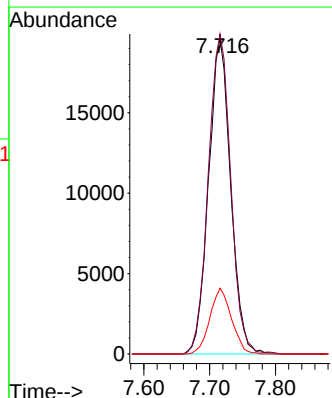
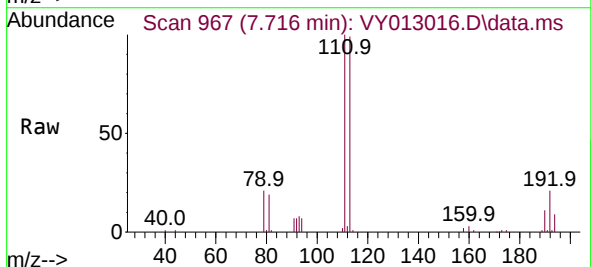
Tgt Ion:113 Resp: 45829

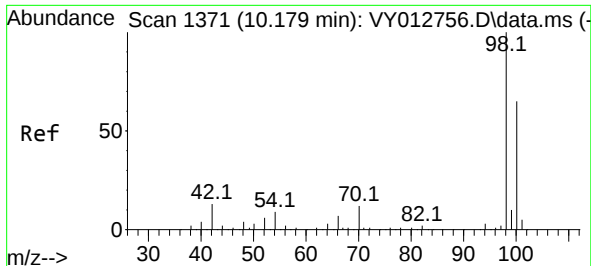
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 20.4 16.8 25.2

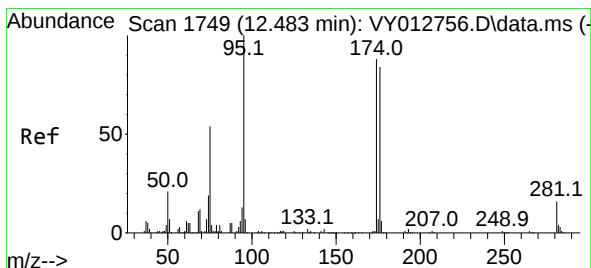
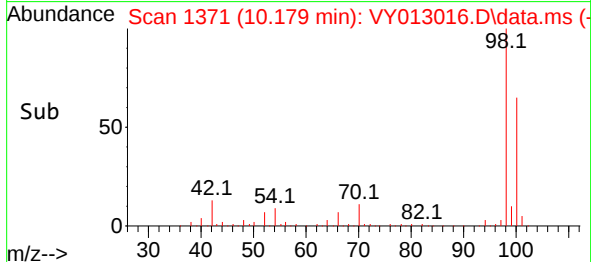
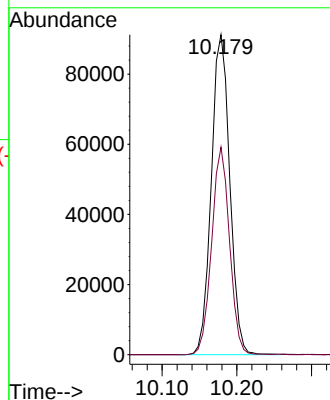
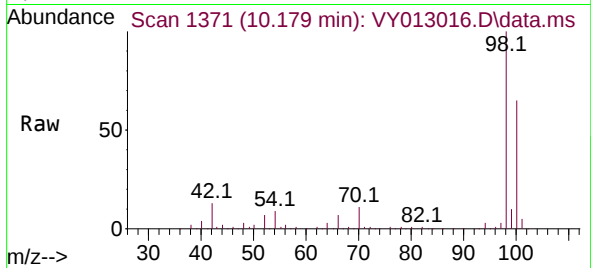




#50
Toluene-d8
Concen: 56.720 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013016.D
Acq: 20 Mar 2023 18:24

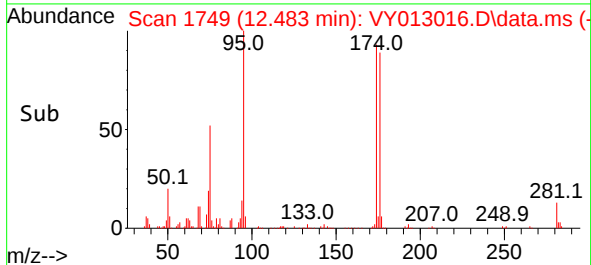
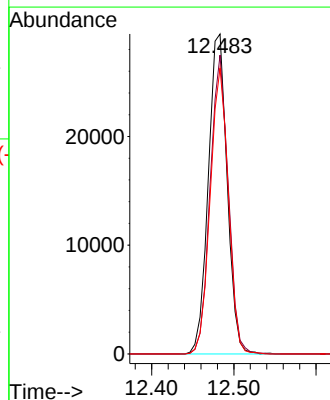
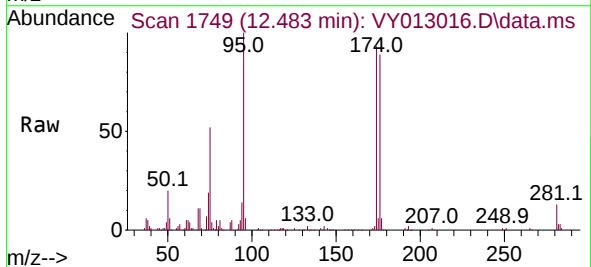
Instrument :
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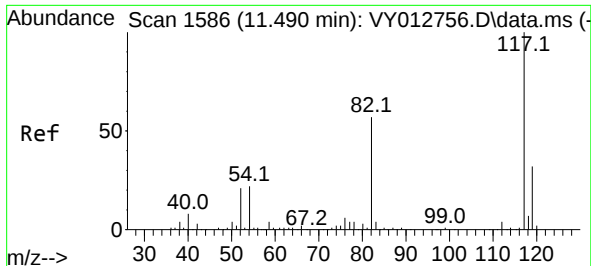
Tgt Ion: 98 Resp: 156966
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 50.177 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013016.D
Acq: 20 Mar 2023 18:24

Tgt Ion: 95 Resp: 46868
Ion Ratio Lower Upper
95 100
174 89.9 0.0 176.6
176 86.1 0.0 170.2

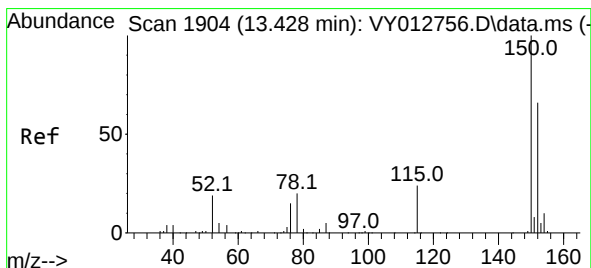
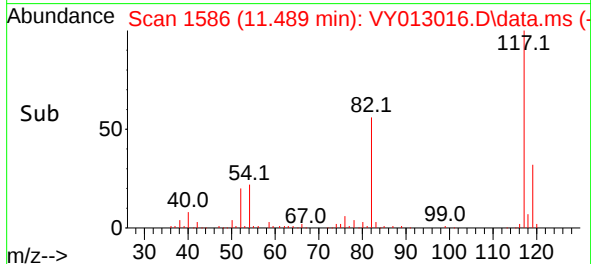
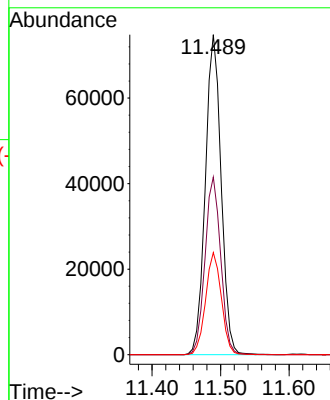
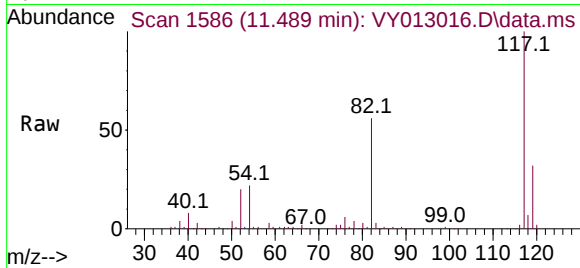




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013016.D
Acq: 20 Mar 2023 18:24

Instrument :
MSVOA_Y
ClientSampleId :
DAHMER-ROCKY-SOIL

Tgt Ion:117 Resp: 119942
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013016.D
Acq: 20 Mar 2023 18:24

Tgt Ion:152 Resp: 51062
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 158.9 0.0 347.8

