

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012981.D
 Acq On : 16 Mar 2023 19:26
 Operator : KP/MD
 Sample : 01963-01
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NYE-SOIL-0316

Quant Time: Mar 17 01:40:00 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	79320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	133413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	53357	67.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.500%
35) Dibromofluoromethane	7.716	113	46137	57.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.600%
50) Toluene-d8	10.179	98	160543	54.542	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.080%
62) 4-Bromofluorobenzene	12.483	95	48270	48.586	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.180%

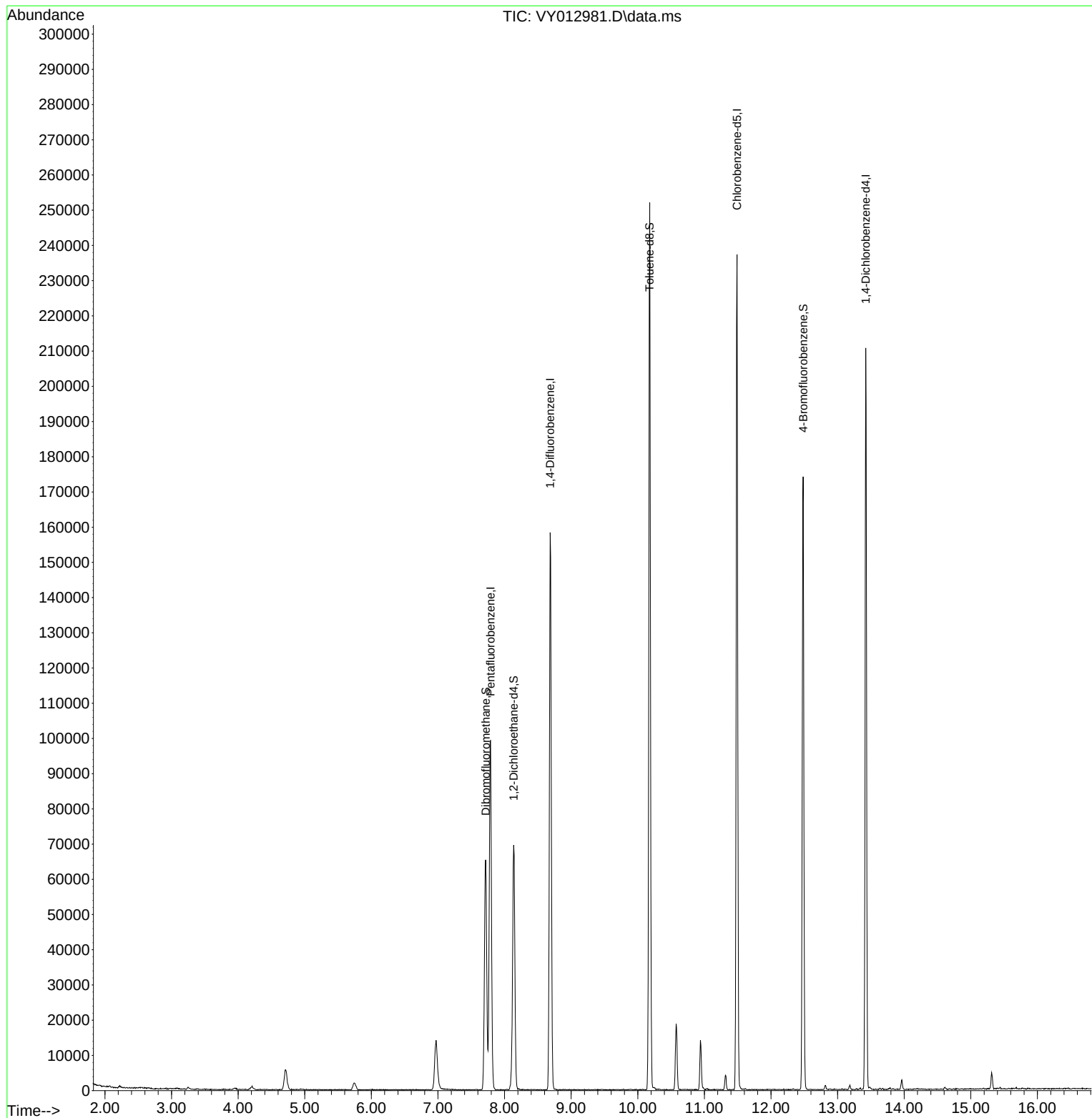
Target Compounds	Qvalue

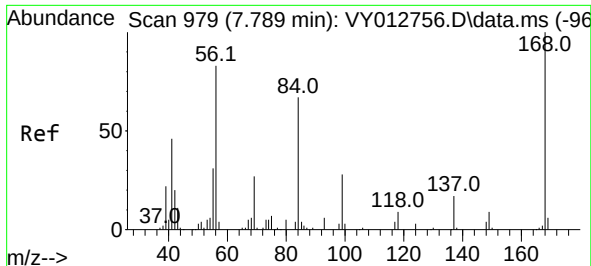
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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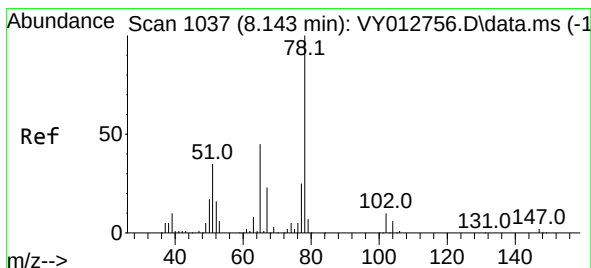
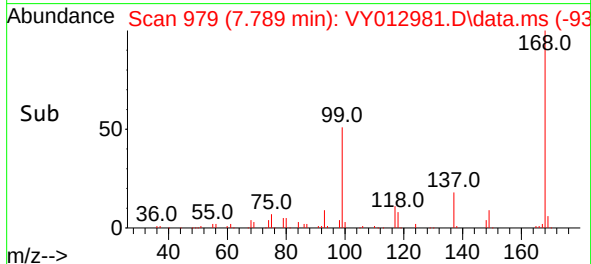
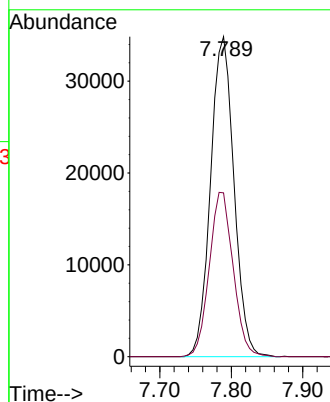
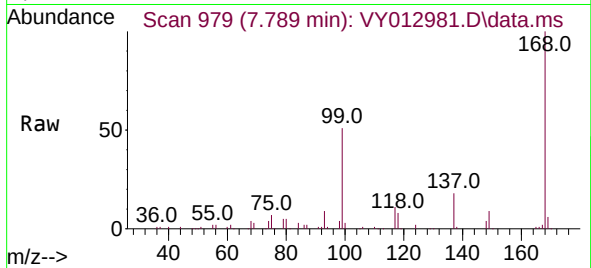




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

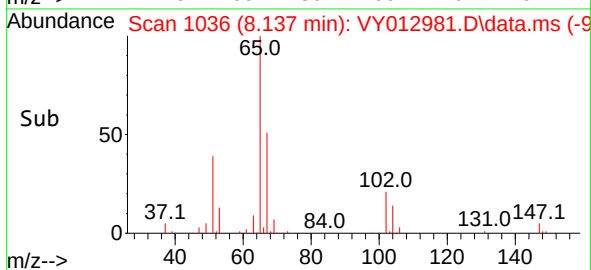
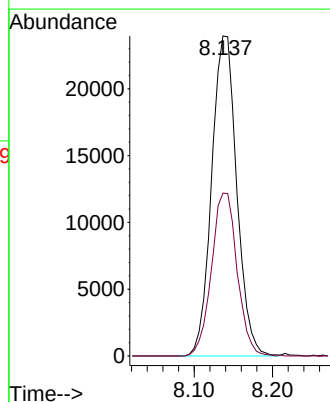
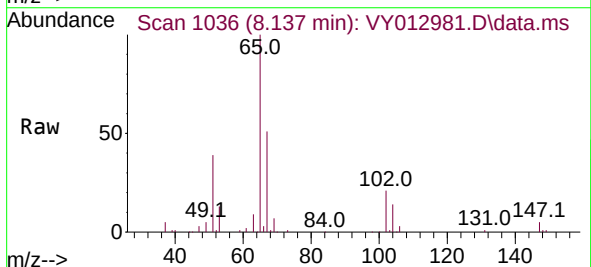
Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-0316

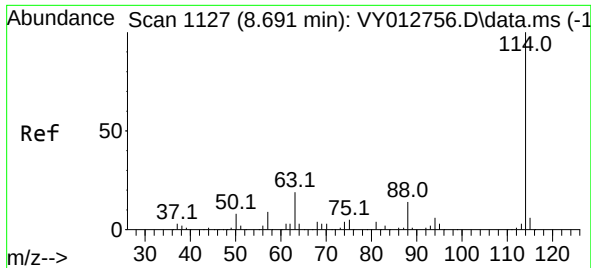
Tgt Ion:168 Resp: 79320
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 67.751 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Tgt Ion: 65 Resp: 53357
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012981.D

Acq: 16 Mar 2023 19:26

Instrument :

MSVOA_Y

ClientSampleId :

NYE-SOIL-0316

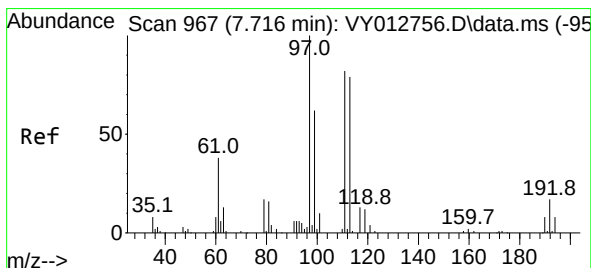
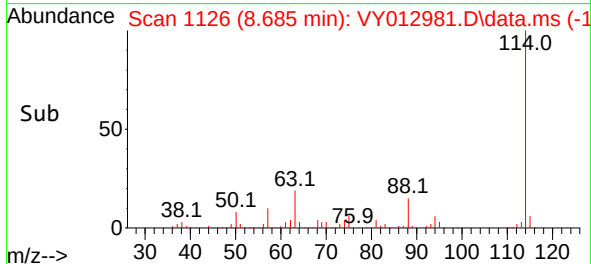
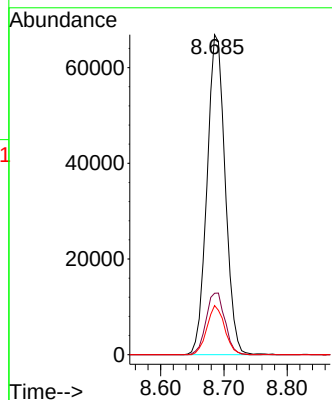
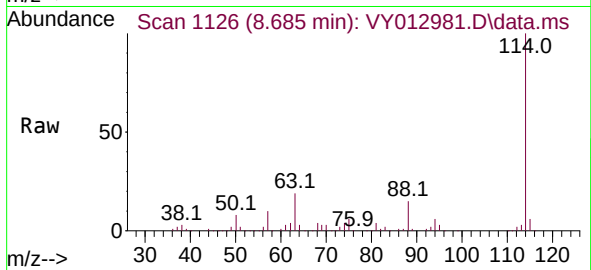
Tgt Ion:114 Resp: 133413

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.303 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012981.D

Acq: 16 Mar 2023 19:26

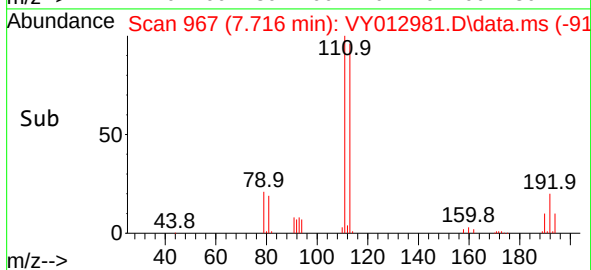
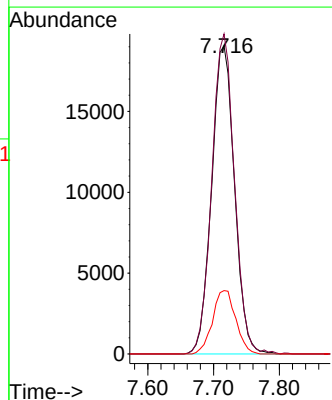
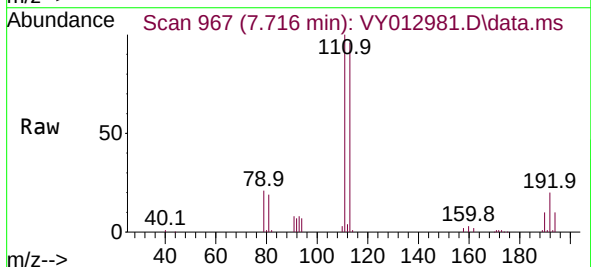
Tgt Ion:113 Resp: 46137

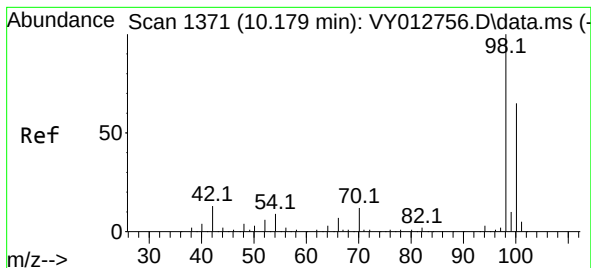
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 20.8 16.8 25.2





#50

Toluene-d8

Concen: 54.542 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012981.D

Acq: 16 Mar 2023 19:26

Instrument :

MSVOA_Y

ClientSampleId :

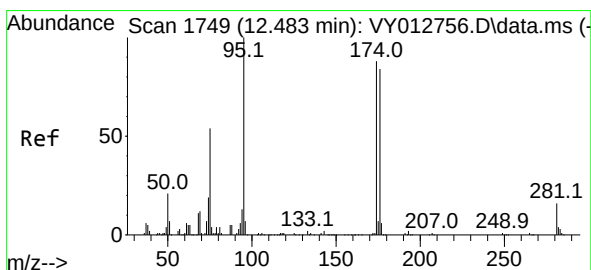
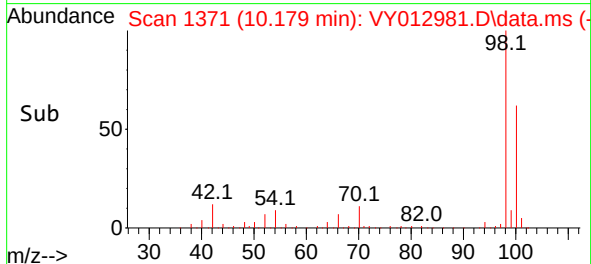
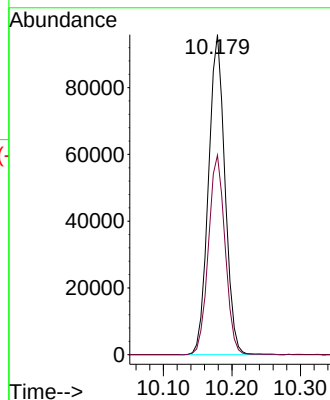
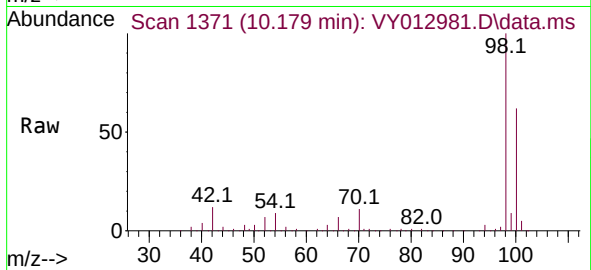
NYE-SOIL-0316

Tgt Ion: 98 Resp: 160543

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.586 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012981.D

Acq: 16 Mar 2023 19:26

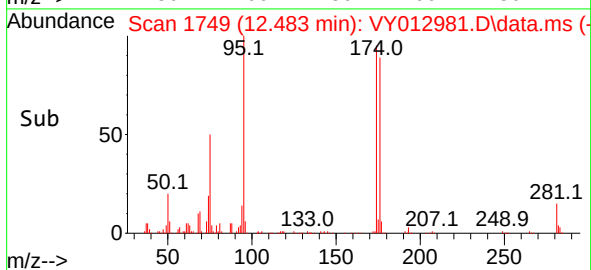
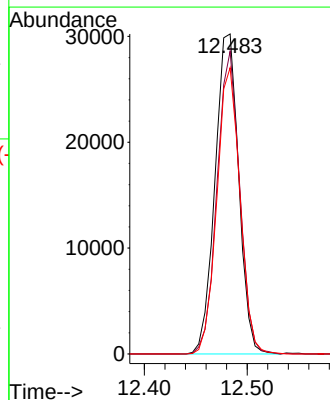
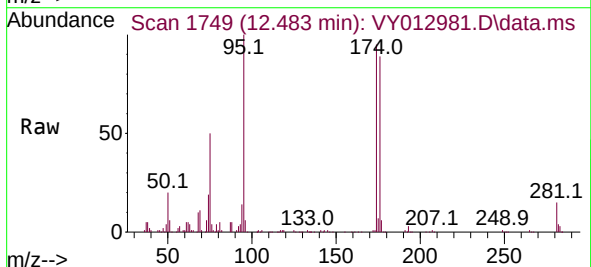
Tgt Ion: 95 Resp: 48270

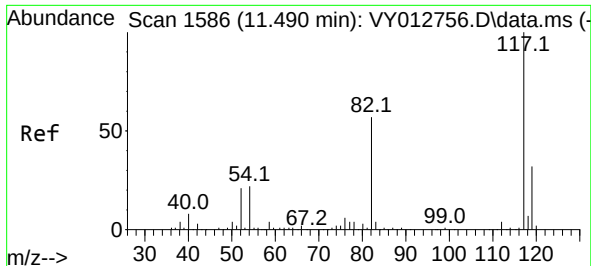
Ion Ratio Lower Upper

95 100

174 90.5 0.0 176.6

176 87.3 0.0 170.2

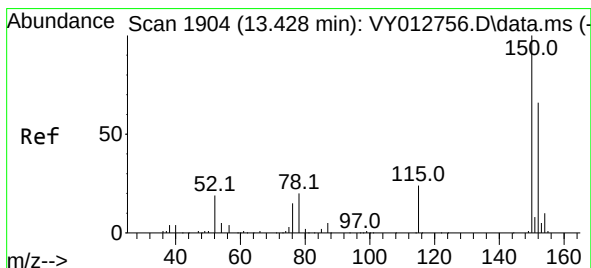
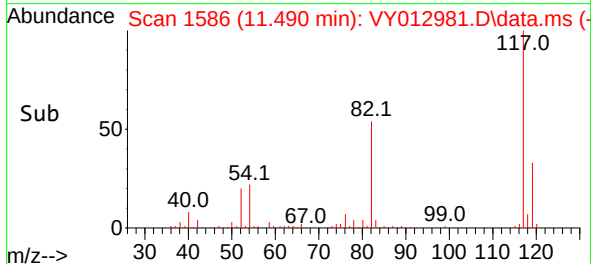
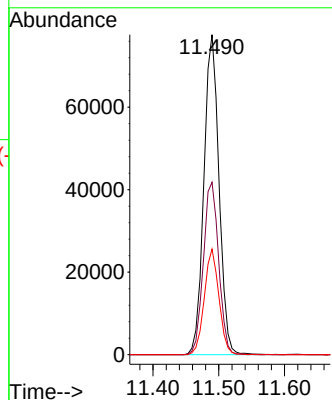
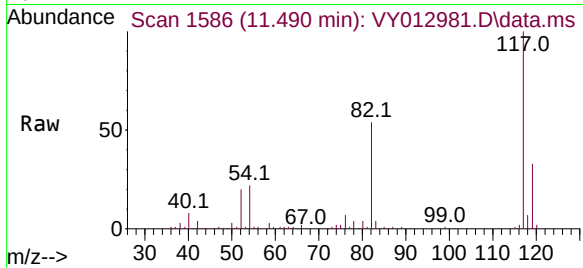




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Instrument :
MSVOA_Y
ClientSampleId :
NYE-SOIL-0316

Tgt Ion:117 Resp: 123788
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012981.D
Acq: 16 Mar 2023 19:26

Tgt Ion:152 Resp: 53181
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 160.2 0.0 347.8

