

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011439.D
 Acq On : 14 Nov 2022 15:02
 Operator : KP/MD
 Sample : N5529-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NMS-SOIL-1108

Quant Time: Nov 14 15:25:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	340420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	560513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	495724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	222386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	167433	58.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.380%
35) Dibromofluoromethane	7.716	113	183465	58.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.820%
50) Toluene-d8	10.179	98	689608	57.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.940%
62) 4-Bromofluorobenzene	12.483	95	220271	52.625	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.260%

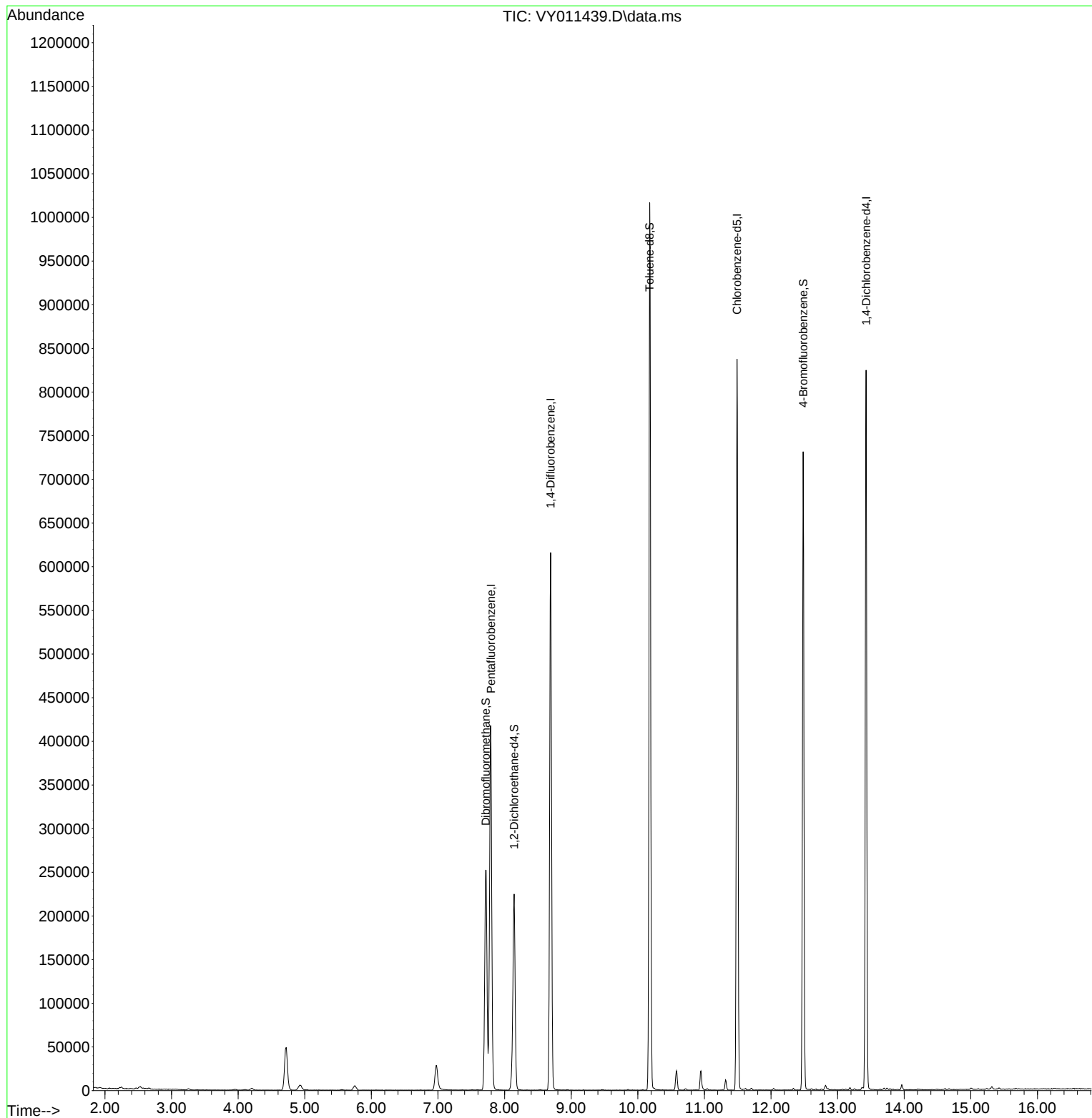
Target Compounds	Qvalue

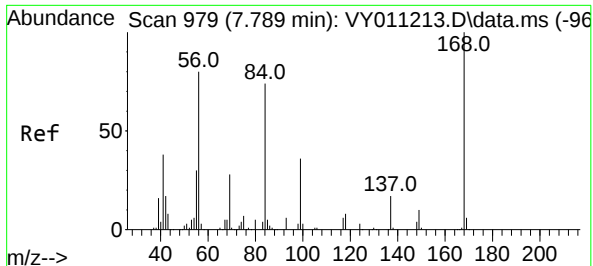
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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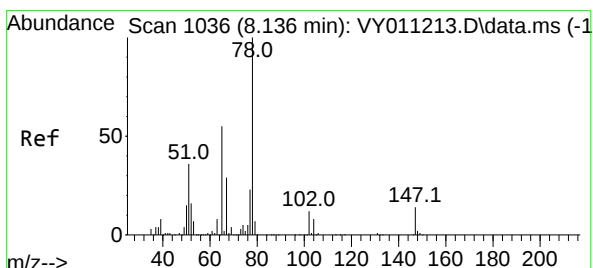
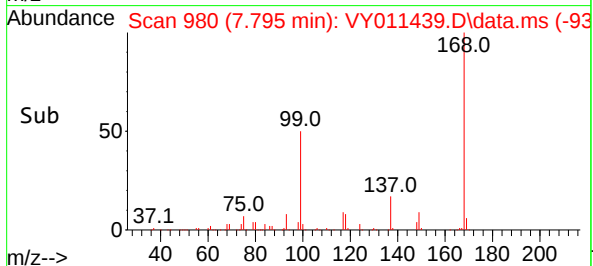
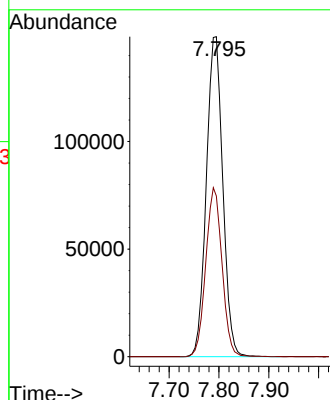
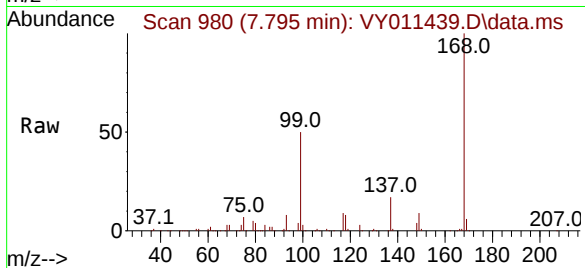




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011439.D
Acq: 14 Nov 2022 15:02

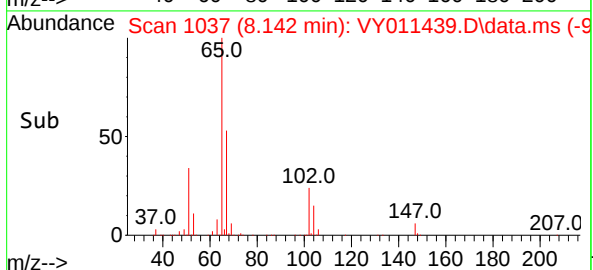
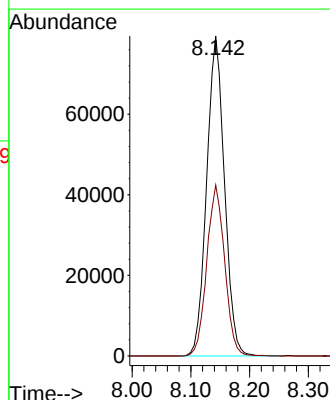
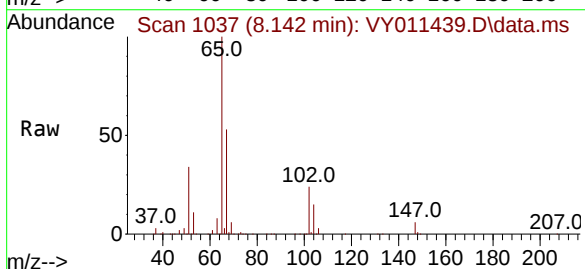
Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

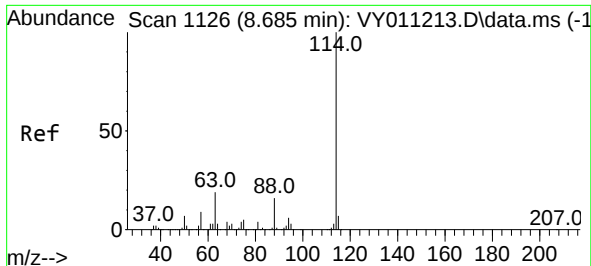
Tgt Ion:168 Resp: 340420
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.695 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011439.D
Acq: 14 Nov 2022 15:02

Tgt Ion: 65 Resp: 167433
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011439.D

Acq: 14 Nov 2022 15:02

Instrument :

MSVOA_Y

ClientSampleId :

NMS-SOIL-1108

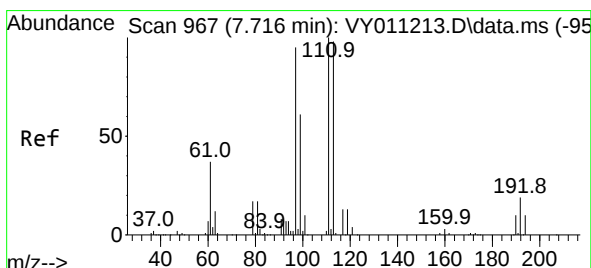
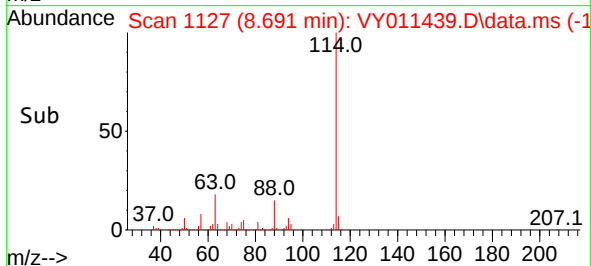
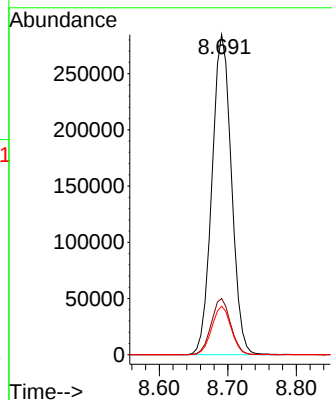
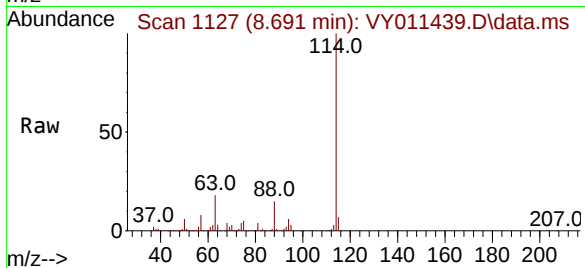
Tgt Ion:114 Resp: 560513

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.405 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011439.D

Acq: 14 Nov 2022 15:02

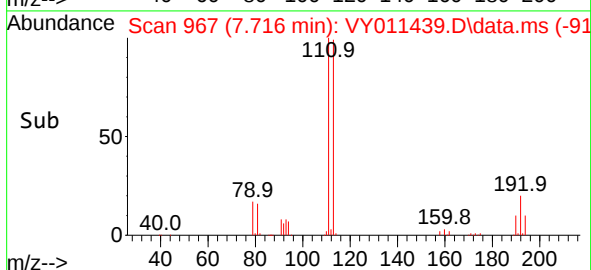
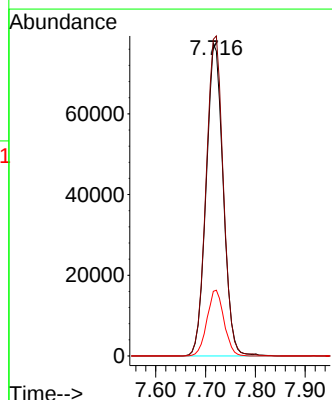
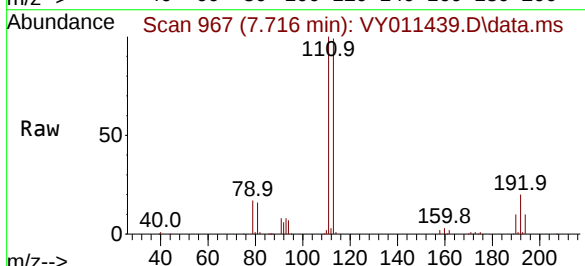
Tgt Ion:113 Resp: 183465

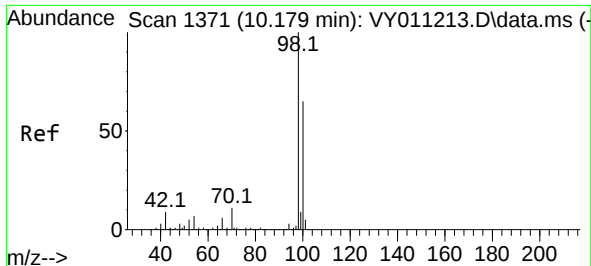
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 21.0 17.6 26.4

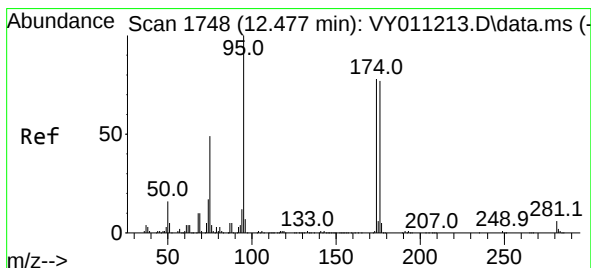
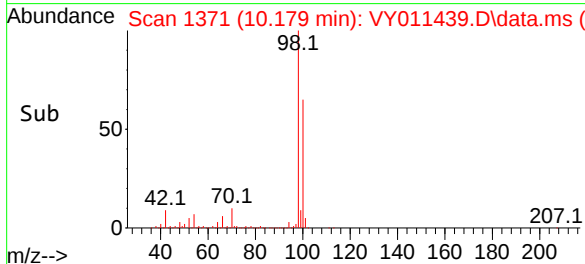
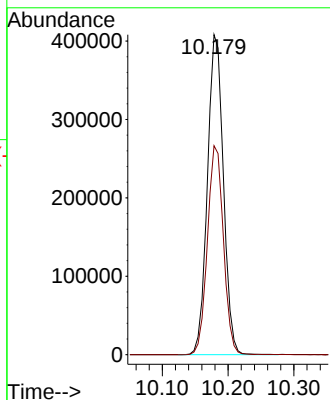
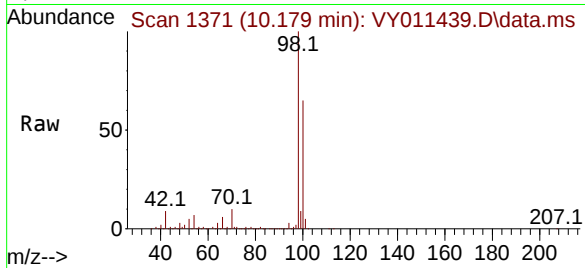




#50
Toluene-d8
Concen: 57.465 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011439.D
Acq: 14 Nov 2022 15:02

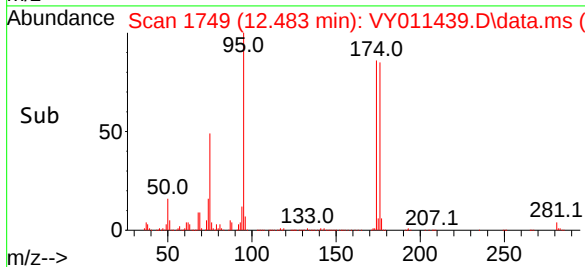
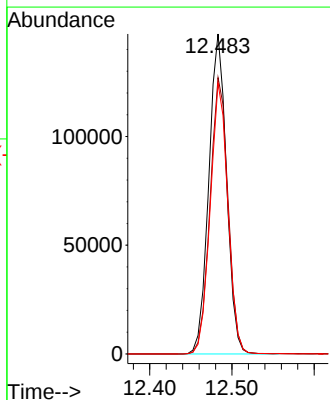
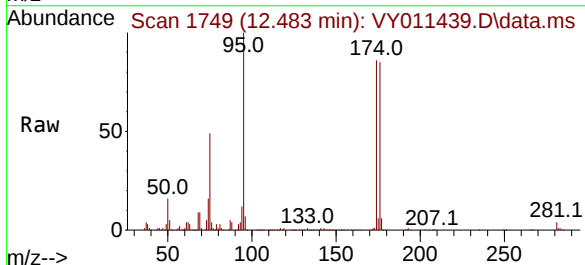
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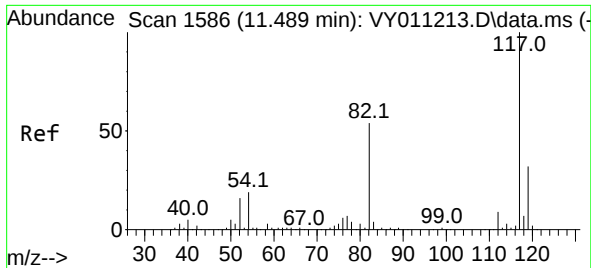
Tgt Ion: 98 Resp: 689608
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.625 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY011439.D
Acq: 14 Nov 2022 15:02

Tgt Ion: 95 Resp: 220271
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 84.4 0.0 175.8

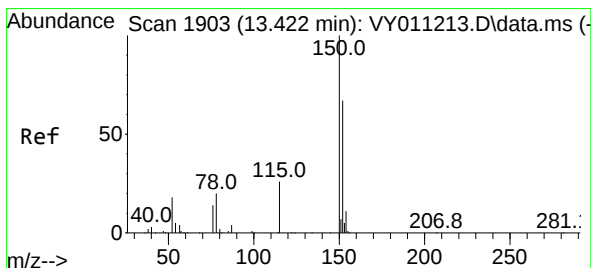
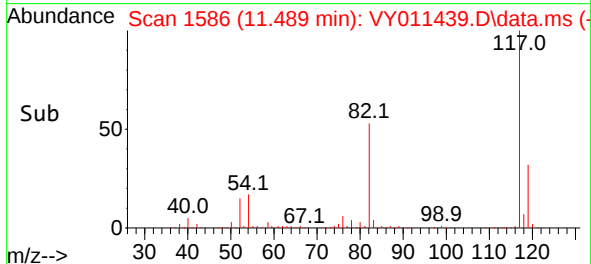
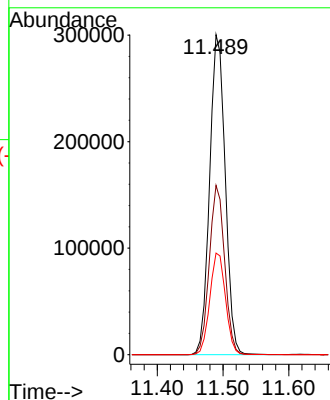
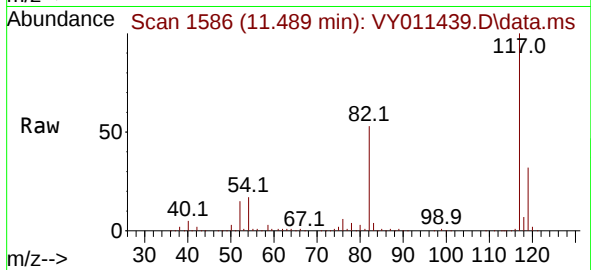




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011439.D
Acq: 14 Nov 2022 15:02

Instrument :
MSVOA_Y
ClientSampleId :
NMS-SOIL-1108

Tgt Ion:117 Resp: 495724
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011439.D
Acq: 14 Nov 2022 15:02

Tgt Ion:152 Resp: 222386
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 156.4 0.0 347.6

