

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016563.D
 Acq On : 01 Dec 2023 16:12
 Operator : SY/MD
 Sample : 05590-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SH-SOIL-B

Quant Time: Dec 01 23:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	105376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	178041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	175375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62101	74.594	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.180%
35) Dibromofluoromethane	7.740	113	56624	54.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.380%
50) Toluene-d8	10.197	98	206196	50.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.496	95	72046	56.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.340%

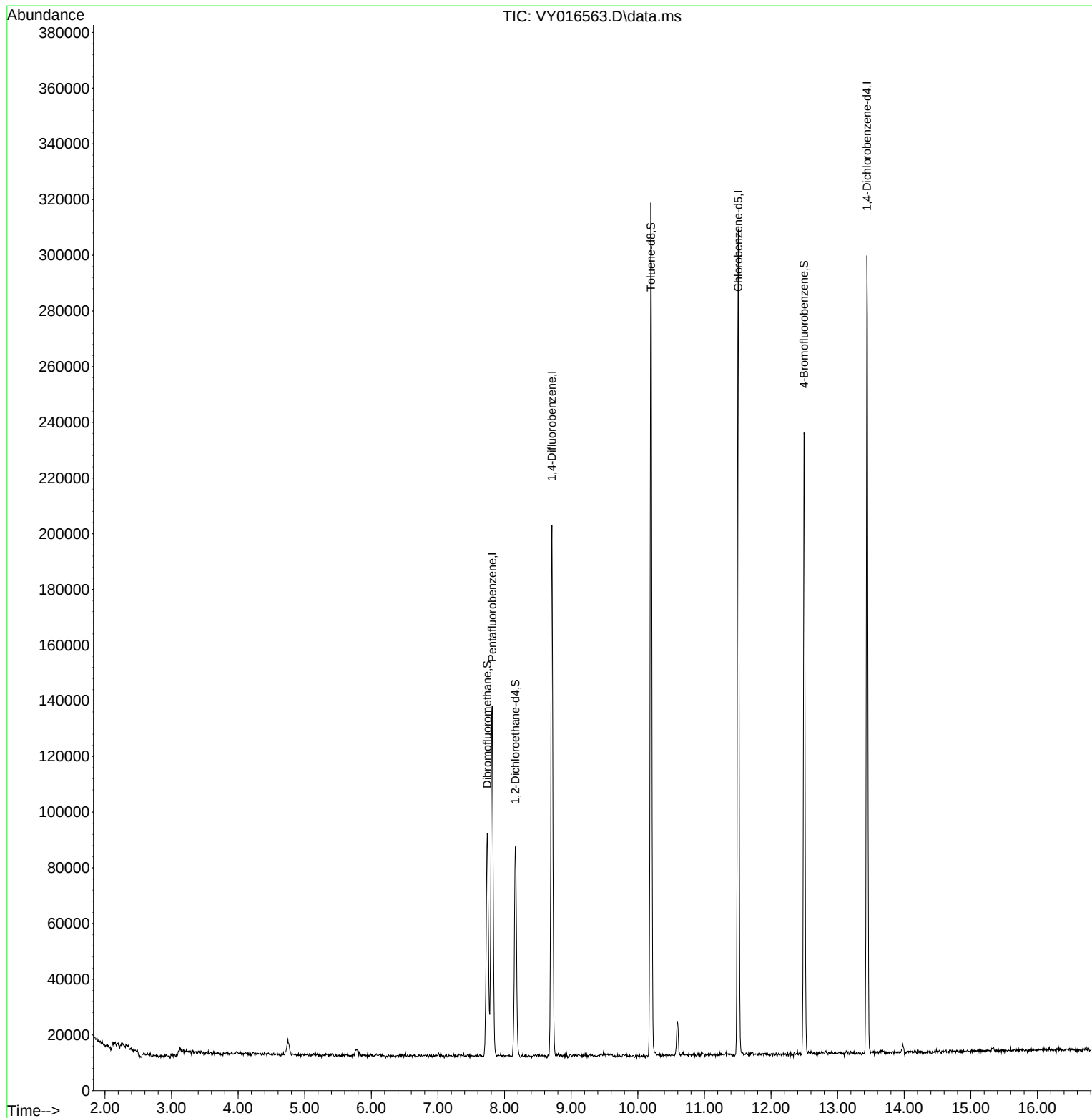
Target Compounds	Qvalue

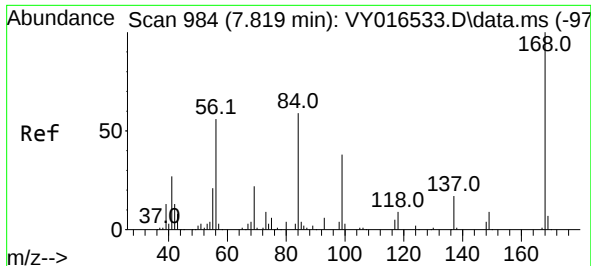
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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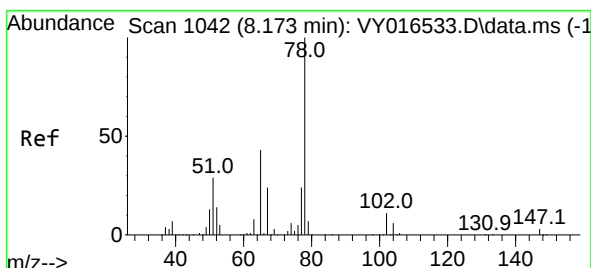
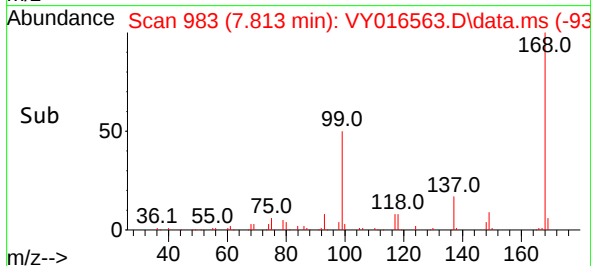
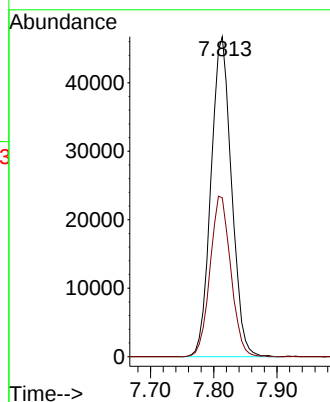
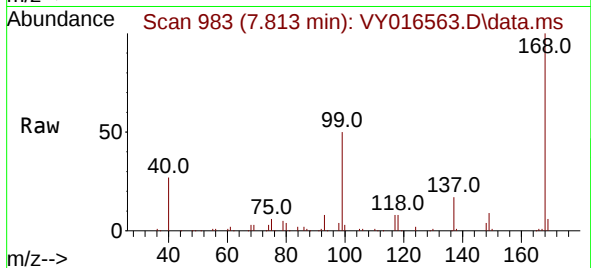




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

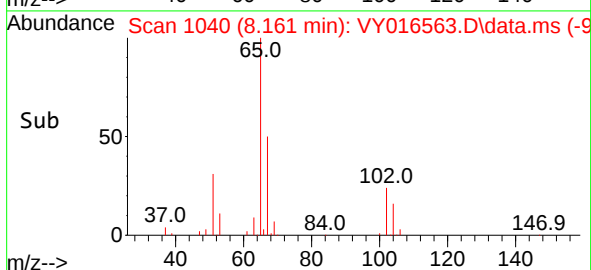
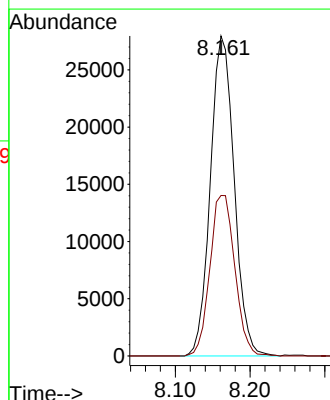
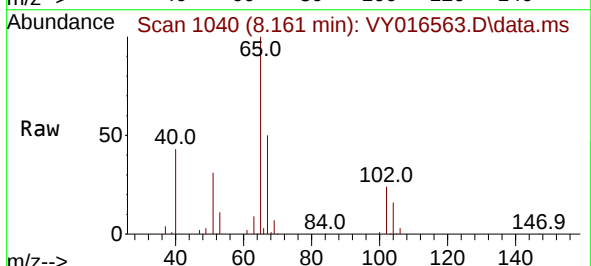
Instrument :
MSVOA_Y
ClientSampleId :
SH-SOIL-B

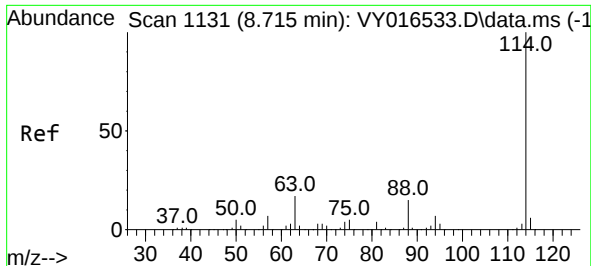
Tgt Ion:168 Resp: 105376
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 74.594 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

Tgt Ion: 65 Resp: 62101
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY016563.D

Acq: 01 Dec 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

SH-SOIL-B

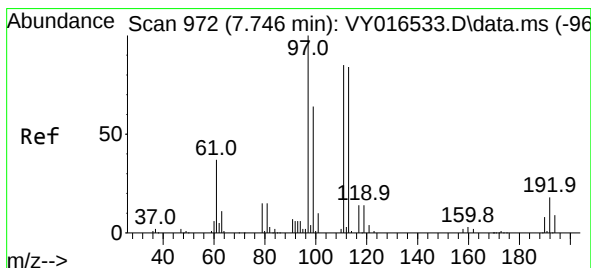
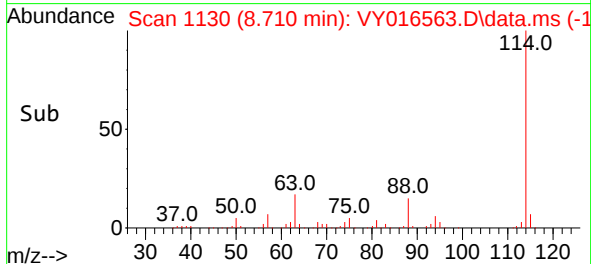
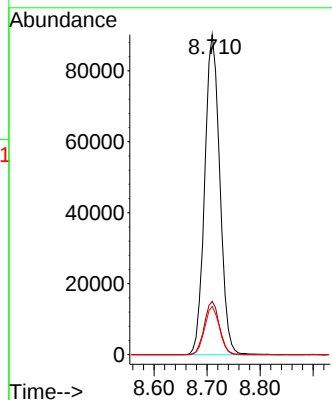
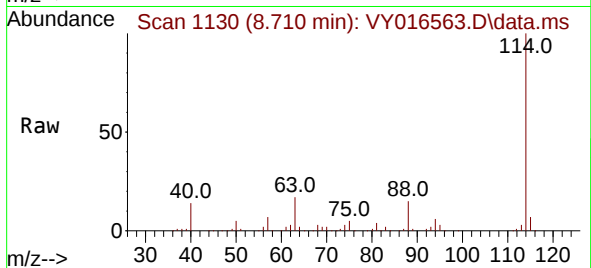
Tgt Ion:114 Resp: 178041

Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.189 ug/l

RT: 7.740 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY016563.D

Acq: 01 Dec 2023 16:12

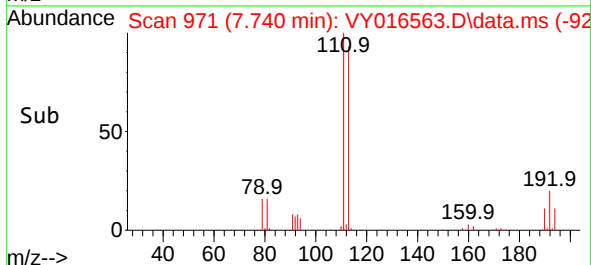
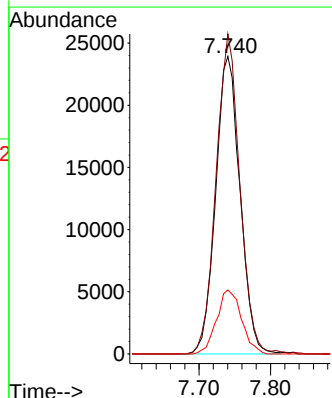
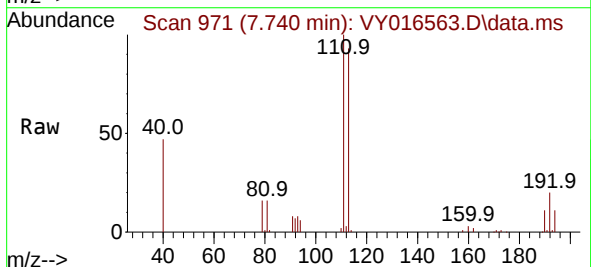
Tgt Ion:113 Resp: 56624

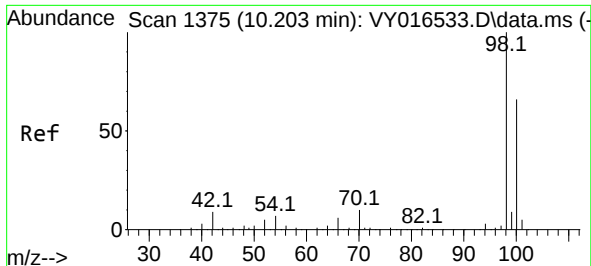
Ion Ratio Lower Upper

113 100

111 105.0 81.3 121.9

192 22.0 16.9 25.3

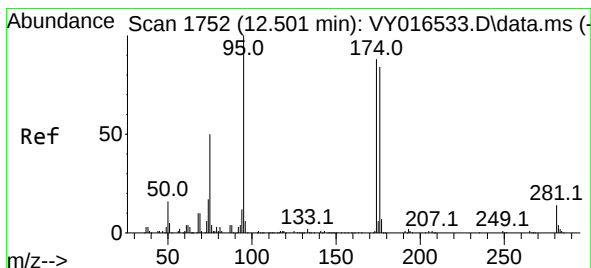
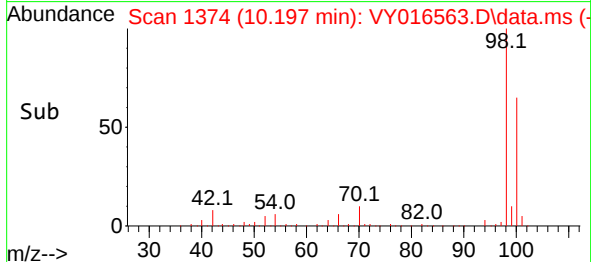
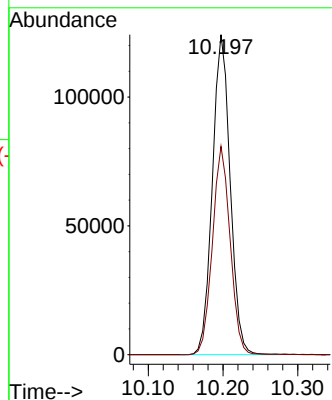
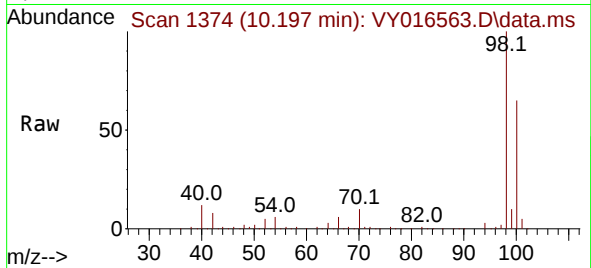




#50
Toluene-d8
Concen: 50.877 ug/l
RT: 10.197 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

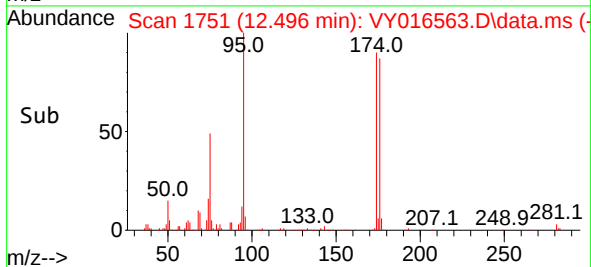
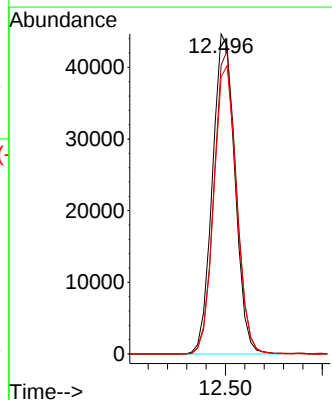
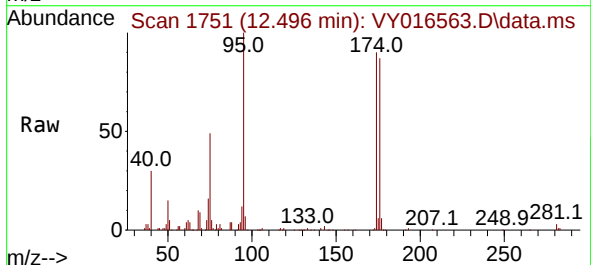
Instrument :
MSVOA_Y
ClientSampleId :
SH-SOIL-B

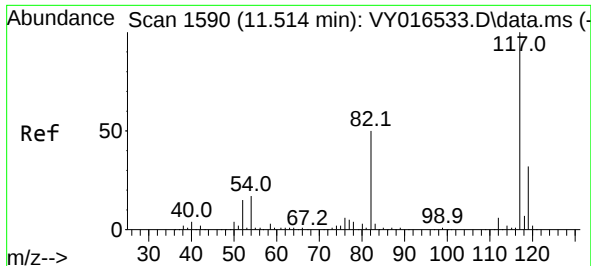
Tgt Ion: 98 Resp: 206196
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.667 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

Tgt Ion: 95 Resp: 72046
Ion Ratio Lower Upper
95 100
174 94.6 0.0 178.2
176 90.8 0.0 173.8

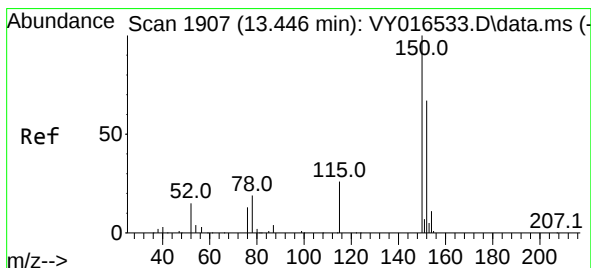
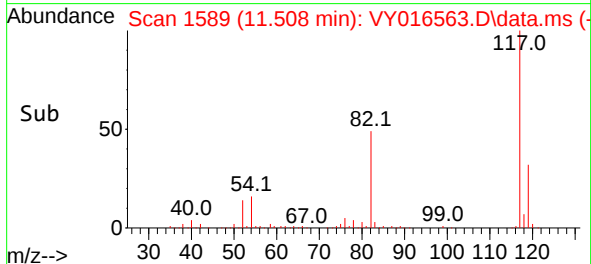
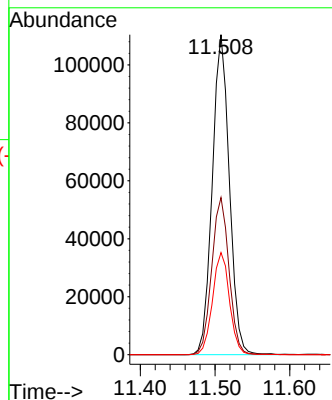
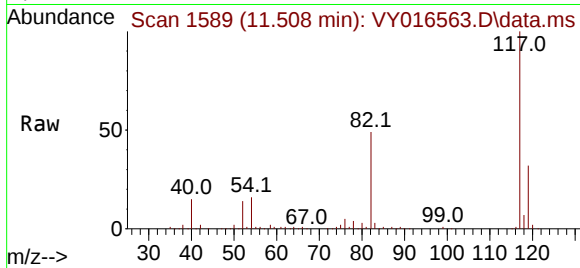




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

Instrument :
MSVOA_Y
ClientSampleId :
SH-SOIL-B

Tgt Ion:117 Resp: 175375
Ion Ratio Lower Upper
117 100
82 49.1 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

Tgt Ion:152 Resp: 81141
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 156.1 0.0 348.8

