

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016560.D
 Acq On : 01 Dec 2023 14:33
 Operator : SY/MD
 Sample : 05590-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SH-SOIL-A

Quant Time: Dec 01 23:38:18 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	3481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	5356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	1976	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	247	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	1332	48.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.860%
35) Dibromofluoromethane	7.740	113	1451	46.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.320%
50) Toluene-d8	10.203	98	4829	39.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.220%
62) 4-Bromofluorobenzene	12.501	95	323	8.445	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	16.900%#

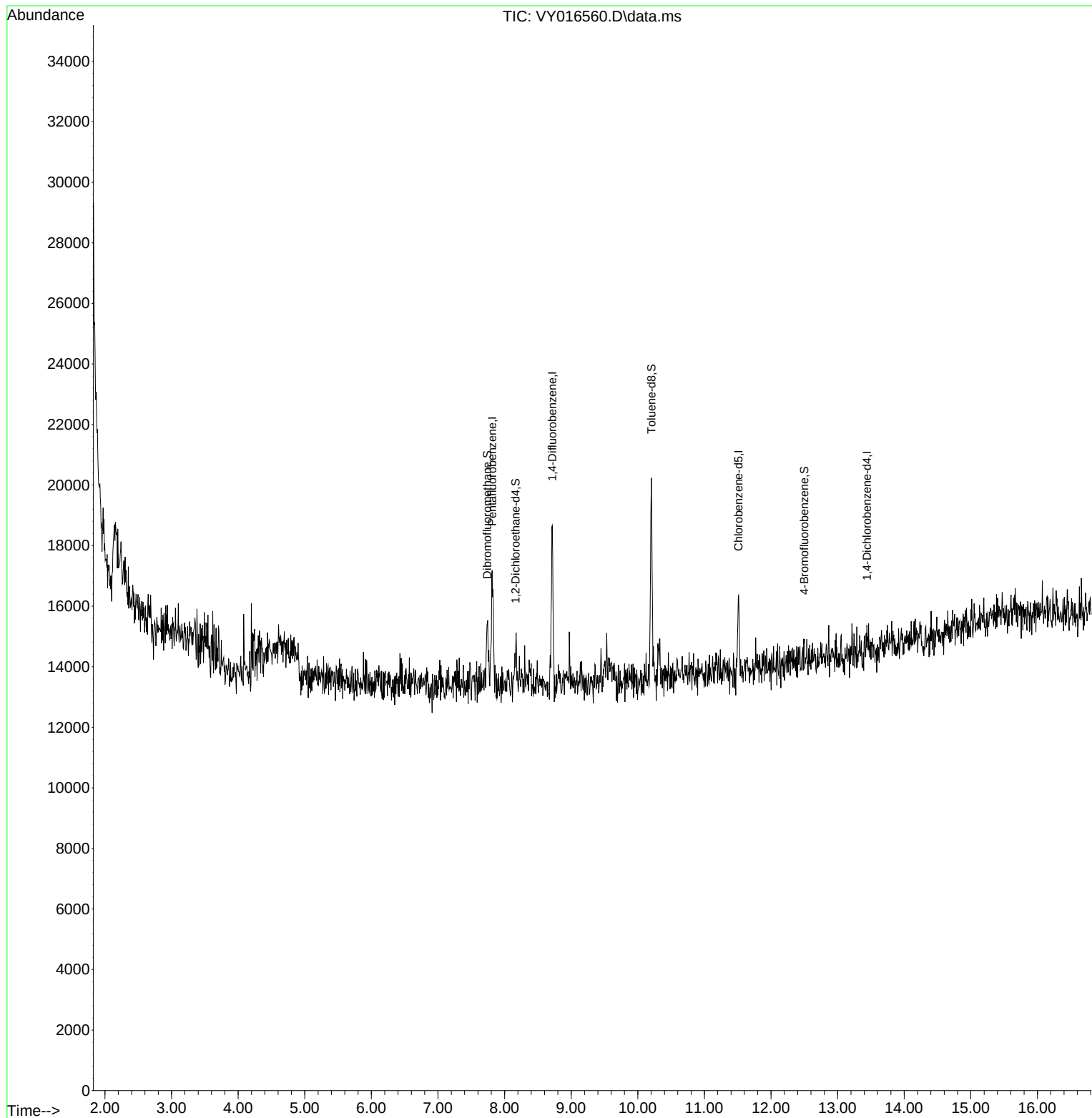
Target Compounds	Qvalue

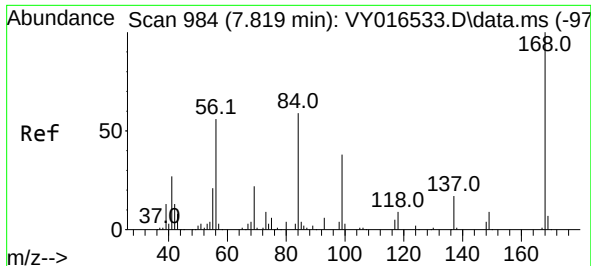
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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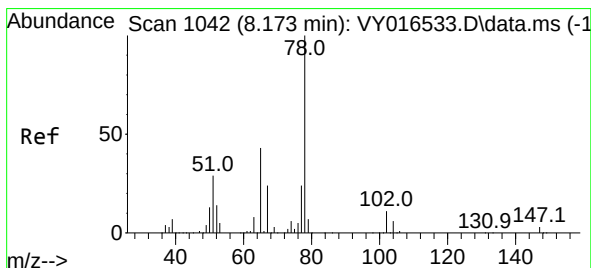
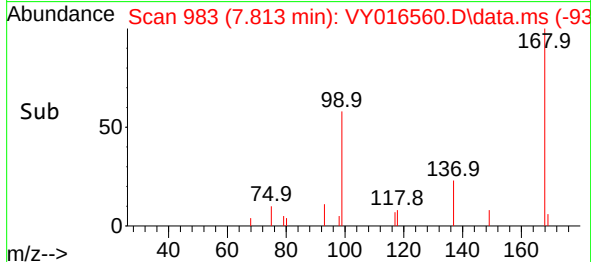
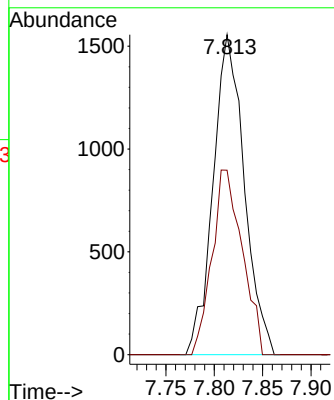
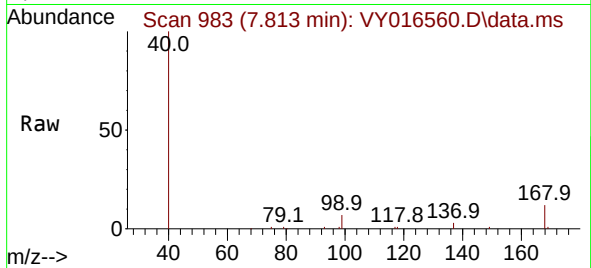




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

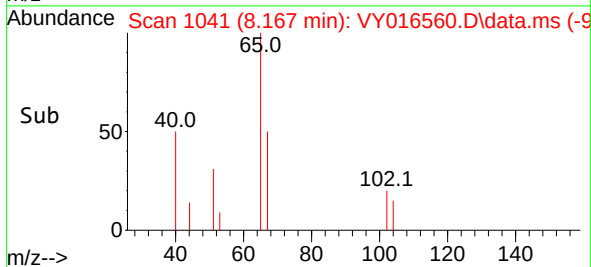
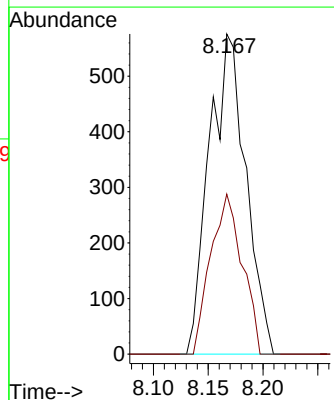
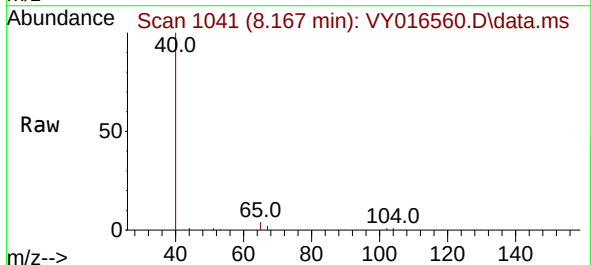
Instrument :
MSVOA_Y
ClientSampleId :
SH-SOIL-A

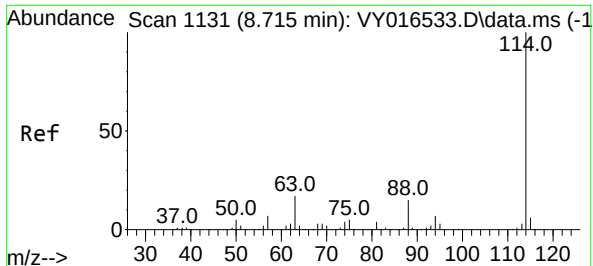
Tgt Ion:168 Resp: 3481
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.434 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

Tgt Ion: 65 Resp: 1332
Ion Ratio Lower Upper
65 100
67 43.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY016560.D

Acq: 01 Dec 2023 14:33

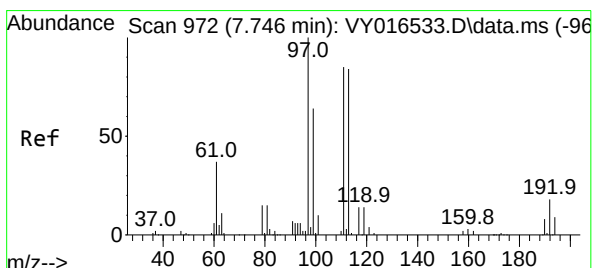
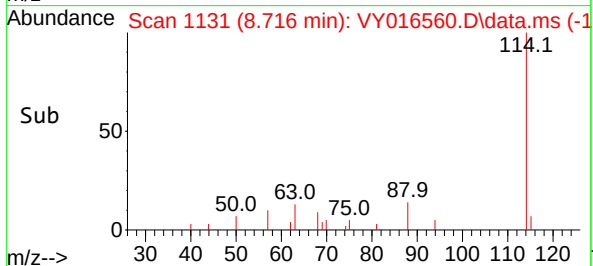
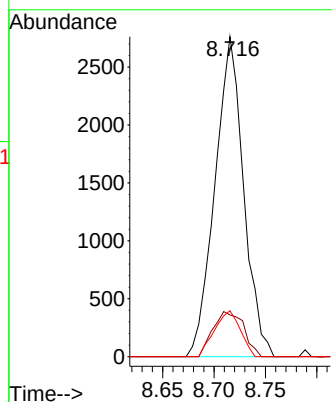
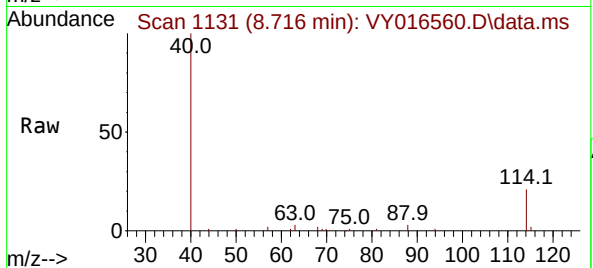
Instrument :

MSVOA_Y

ClientSampleId :

SH-SOIL-A

Tgt Ion:114	Resp:	5356
Ion	Ratio	Lower Upper
114	100	
63	13.0	0.0 42.4
88	14.4	0.0 30.6



#35

Dibromofluoromethane

Concen: 46.159 ug/l

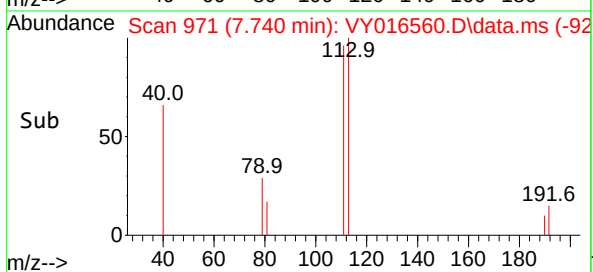
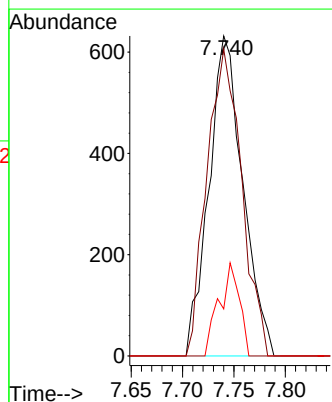
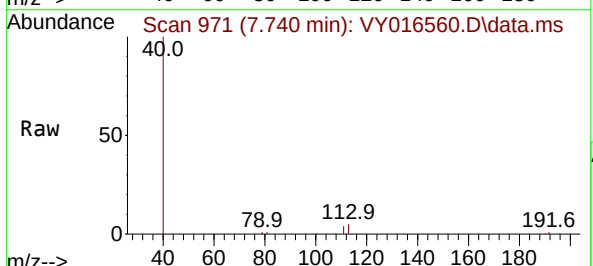
RT: 7.740 min Scan# 971

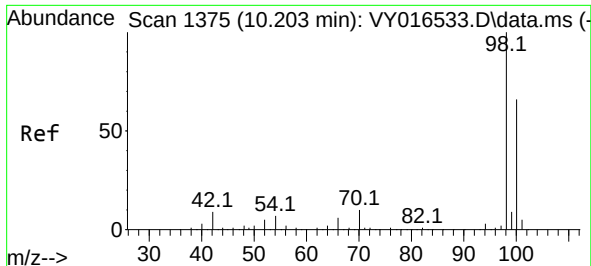
Delta R.T. -0.006 min

Lab File: VY016560.D

Acq: 01 Dec 2023 14:33

Tgt Ion:113	Resp:	1451
Ion	Ratio	Lower Upper
113	100	
111	98.1	81.3 121.9
192	17.3	16.9 25.3

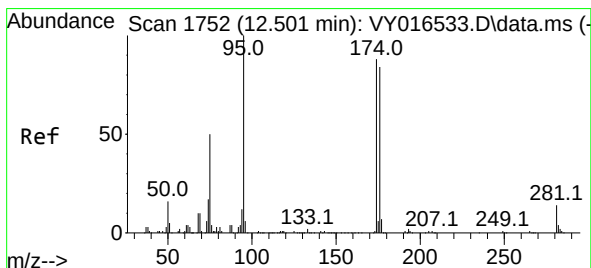
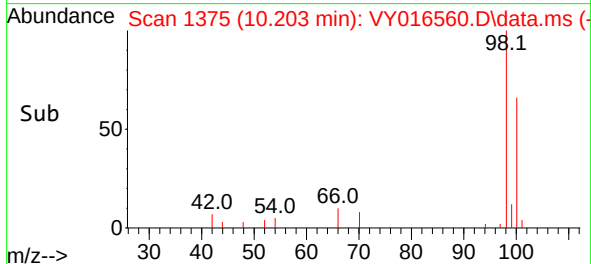
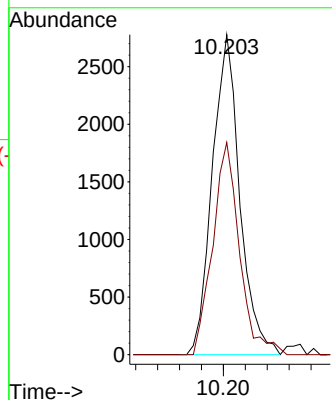
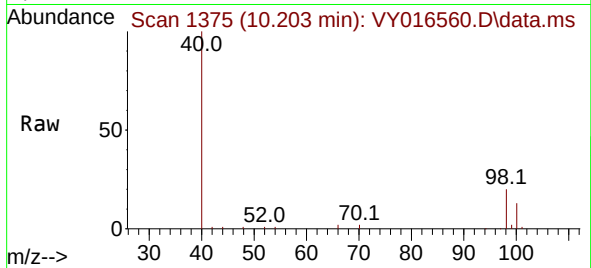




#50
Toluene-d8
Concen: 39.608 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

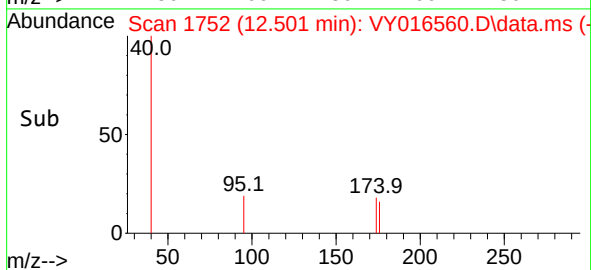
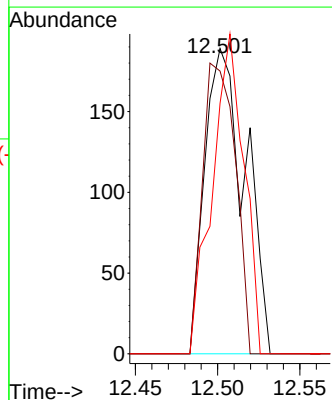
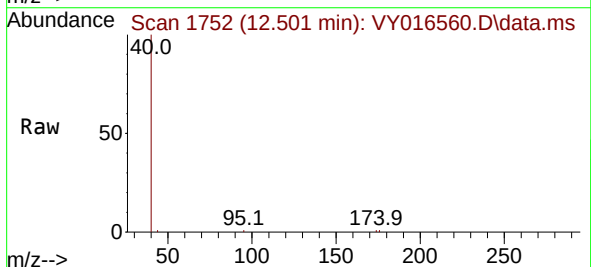
Instrument :
MSVOA_Y
ClientSampleId :
SH-SOIL-A

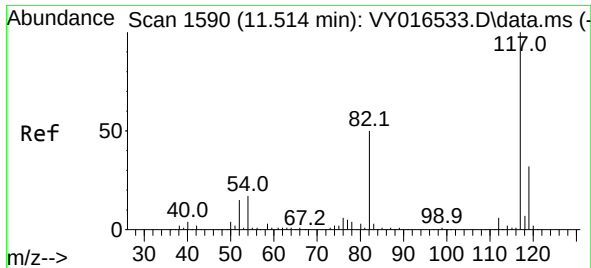
Tgt Ion: 98 Resp: 4829
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 8.445 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

Tgt Ion: 95 Resp: 323
Ion Ratio Lower Upper
95 100
174 77.4 0.0 178.2
176 82.4 0.0 173.8

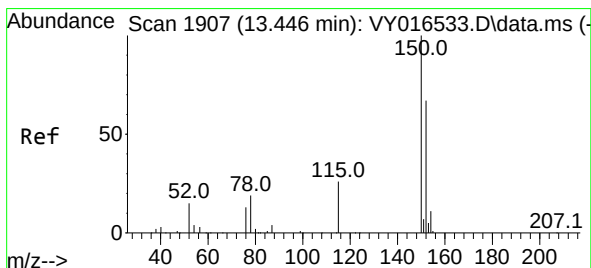
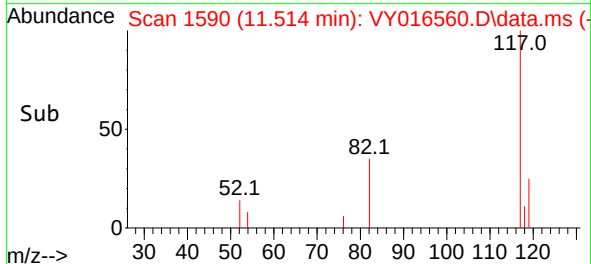
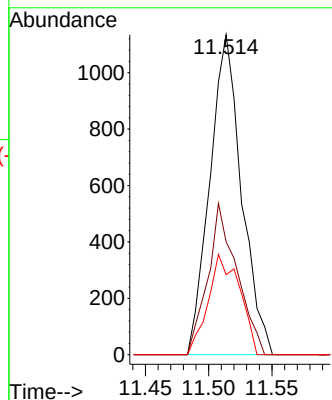
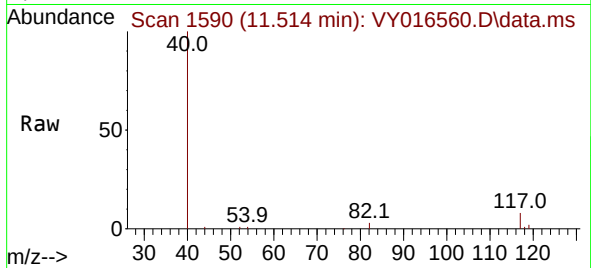




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016560.D
Acq: 01 Dec 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :
SH-SOIL-A

Tgt Ion:117 Resp: 1976
Ion Ratio Lower Upper
117 100
82 35.2 43.4 65.0#
119 25.0 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: VY016560.D
Acq: 01 Dec 2023 14:33

Tgt Ion:152 Resp: 247
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.5
150 163.2 0.0 348.8

