

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016561.D
 Acq On : 01 Dec 2023 14:56
 Operator : SY/MD
 Sample : 05590-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SH-SOIL-B

Quant Time: Dec 01 23:38:37 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	6676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.715	114	9524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	6948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	1640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	2576	48.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.680%
35) Dibromofluoromethane	7.734	113	1981	35.440	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.880%
50) Toluene-d8	10.203	98	10157	46.850	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.495	95	1960	28.819	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.640%

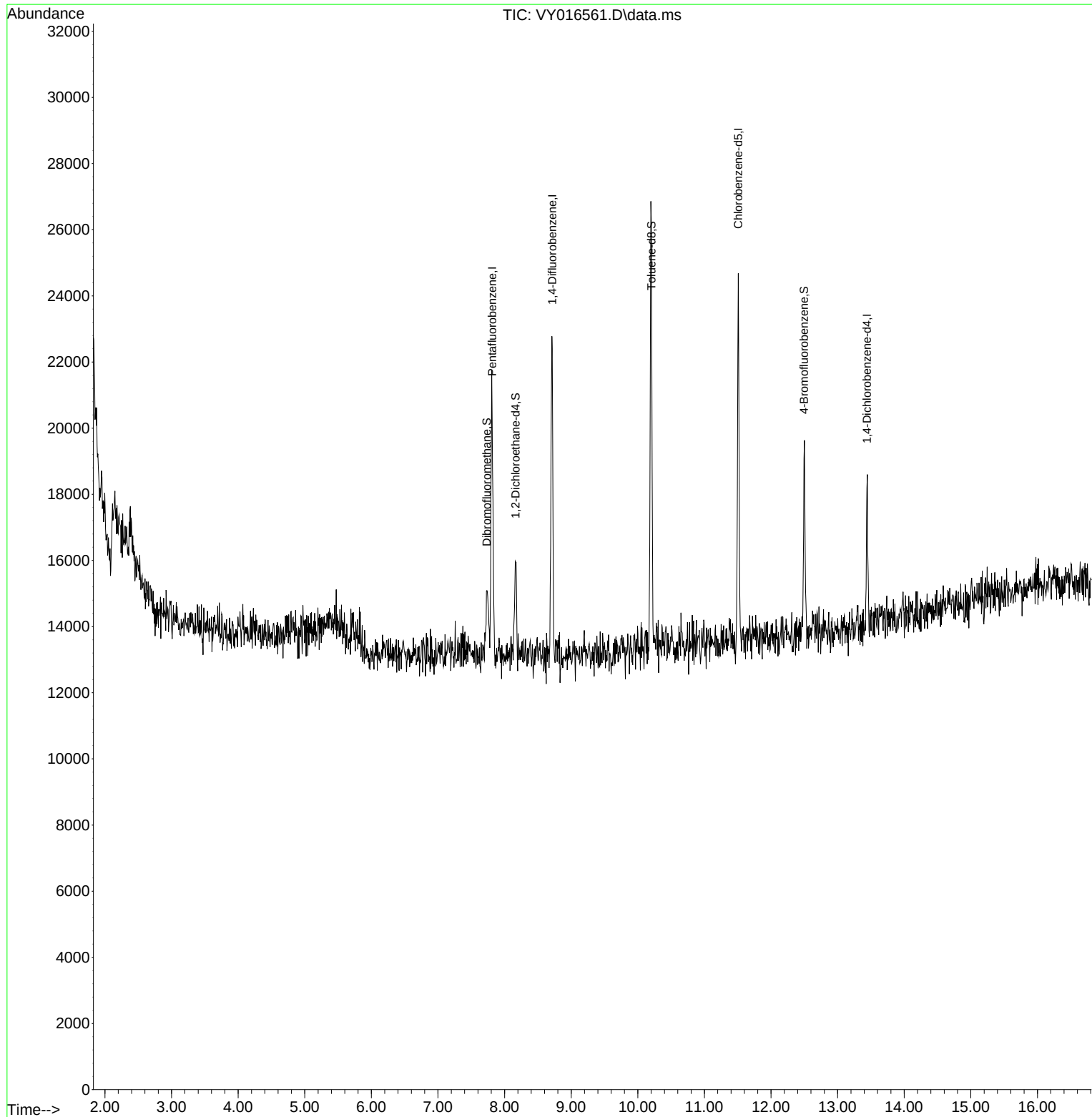
Target Compounds	Qvalue

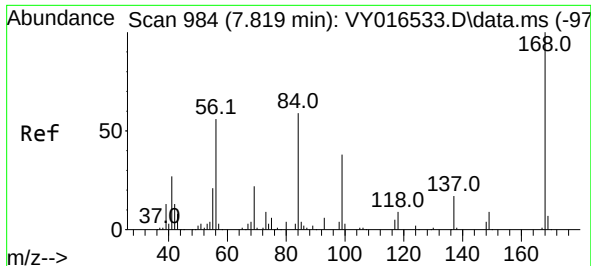
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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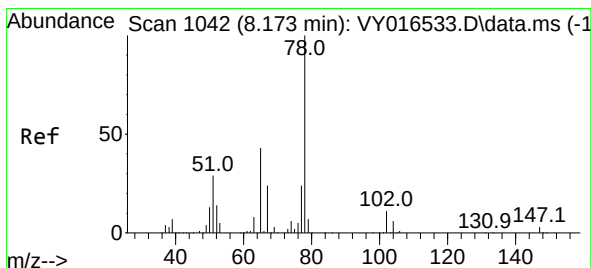
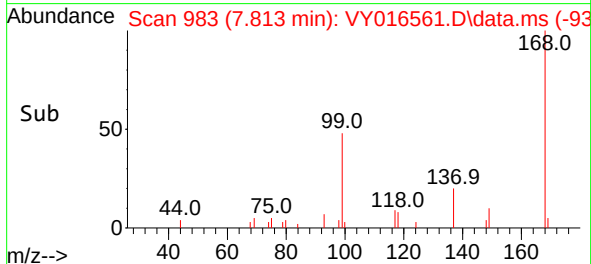
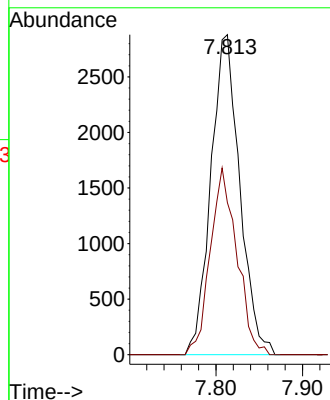
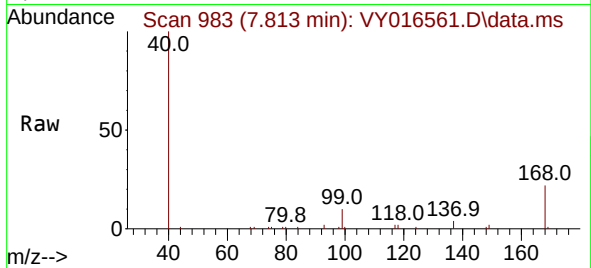




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

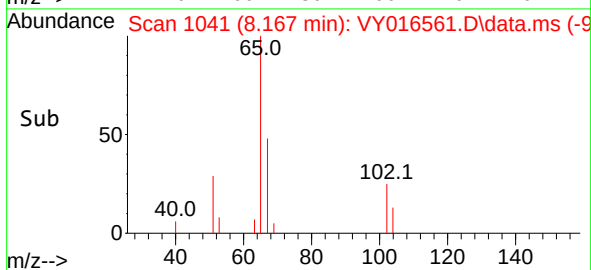
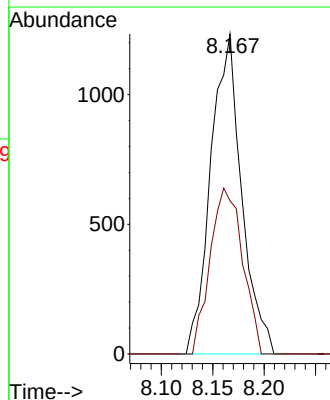
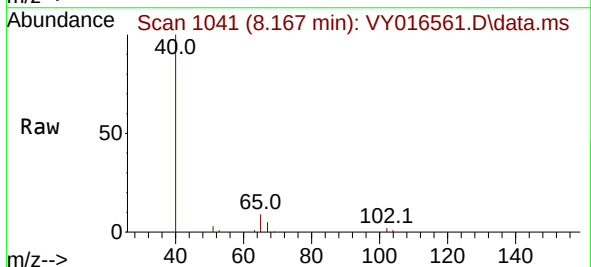
Instrument :
MSVOA_Y
ClientSampleId :
SH-SOIL-B

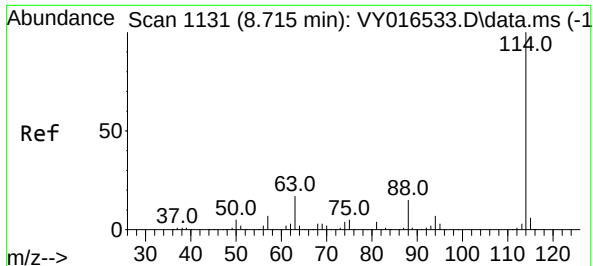
Tgt Ion:168 Resp: 6676
Ion Ratio Lower Upper
168 100
99 47.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.840 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Tgt Ion: 65 Resp: 2576
Ion Ratio Lower Upper
65 100
67 54.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY016561.D

Acq: 01 Dec 2023 14:56

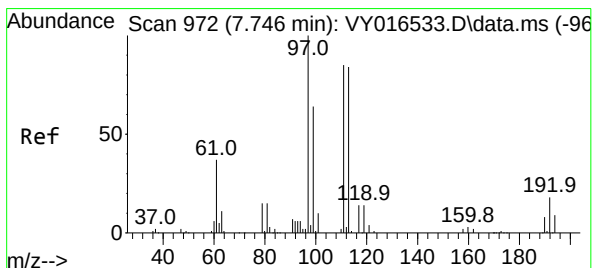
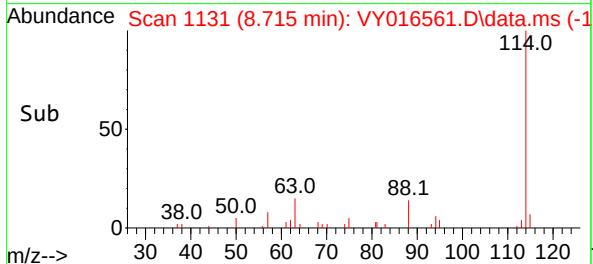
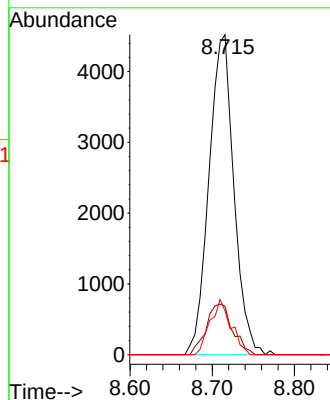
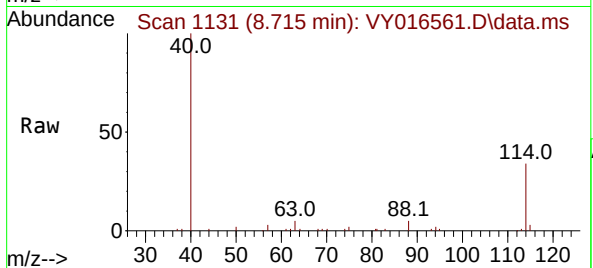
Instrument :

MSVOA_Y

ClientSampleId :

SH-SOIL-B

Tgt Ion:114	Resp:	9524
Ion Ratio	Lower	Upper
114	100	
63	15.2	0.0 42.4
88	13.7	0.0 30.6



#35

Dibromofluoromethane

Concen: 35.440 ug/l

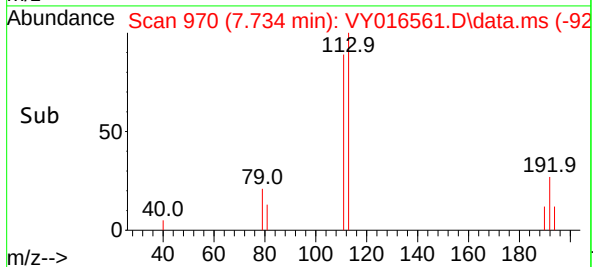
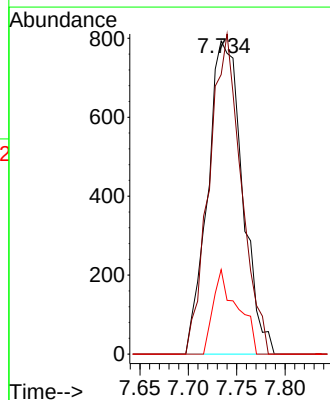
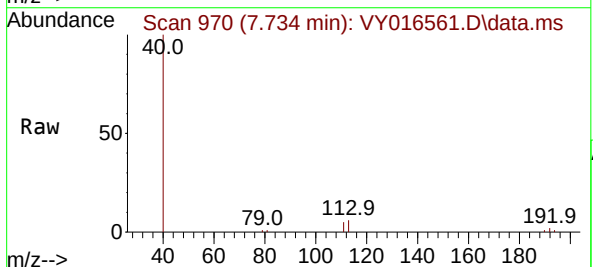
RT: 7.734 min Scan# 970

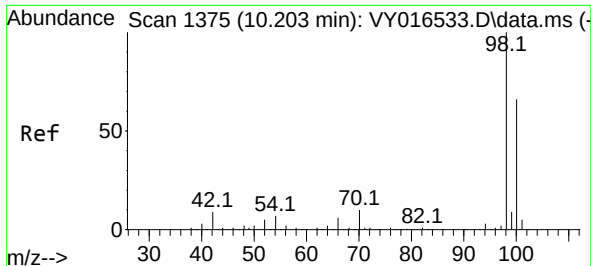
Delta R.T. -0.012 min

Lab File: VY016561.D

Acq: 01 Dec 2023 14:56

Tgt Ion:113	Resp:	1981
Ion Ratio	Lower	Upper
113	100	
111	94.4	81.3 121.9
192	18.9	16.9 25.3

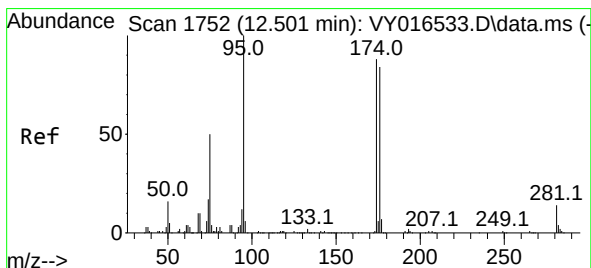
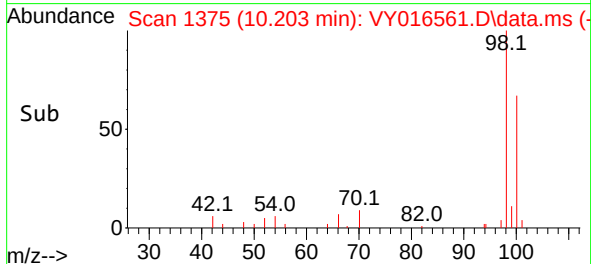
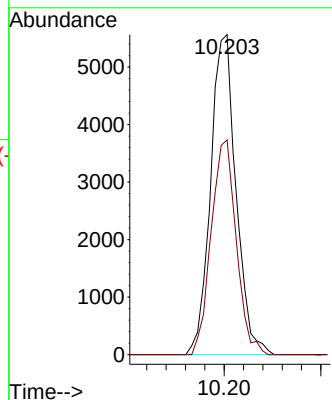
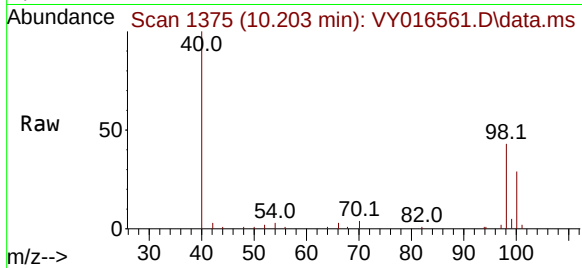




#50
Toluene-d8
Concen: 46.850 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

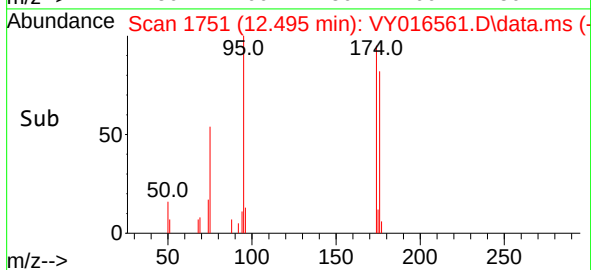
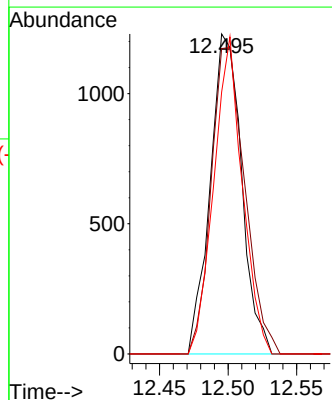
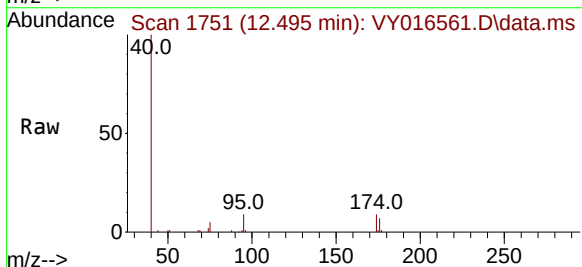
Instrument :
MSVOA_Y
ClientSampleId :
SH-SOIL-B

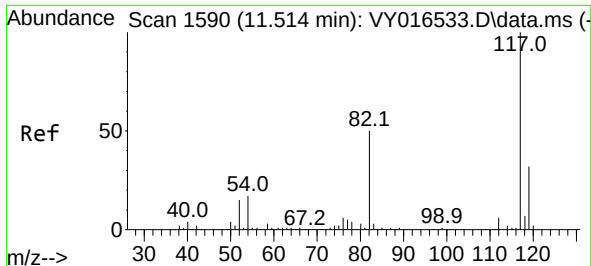
Tgt Ion: 98 Resp: 10157
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 28.819 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Tgt Ion: 95 Resp: 1960
Ion Ratio Lower Upper
95 100
174 102.4 0.0 178.2
176 90.3 0.0 173.8

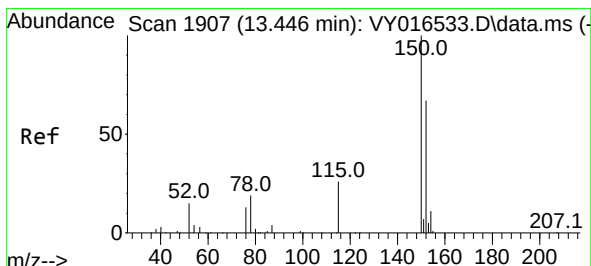
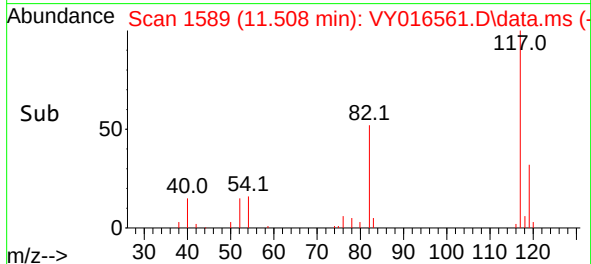
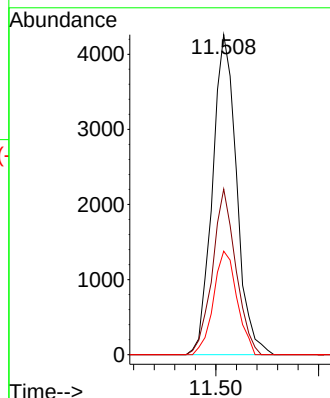
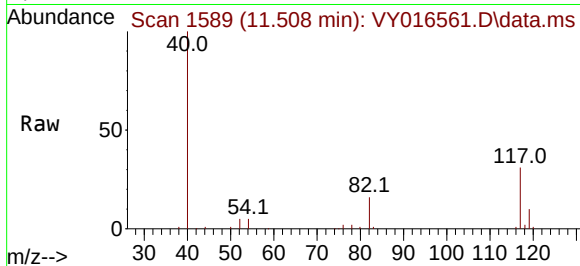




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016561.D
Acq: 01 Dec 2023 14:56

Instrument :
MSVOA_Y
ClientSampleId :
SH-SOIL-B

Tgt Ion:117	Resp:	6948
Ion Ratio	Lower	Upper
117	100	
82	51.7	43.4 65.0
119	32.4	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: VY016561.D
Acq: 01 Dec 2023 14:56

Tgt Ion:152	Resp:	1640
Ion Ratio	Lower	Upper
152	100	
115	53.5	28.8 86.5
150	141.5	0.0 348.8

