

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021172.D
 Acq On : 11 Feb 2025 16:02
 Operator : SY/MD
 Sample : Q1346-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-COMP

Quant Time: Feb 12 01:03:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	1613	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	3199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	1512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1638	99.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.220%#
35) Dibromofluoromethane	7.646	113	1253	61.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.240%
50) Toluene-d8	10.115	98	3276	41.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.940%
62) 4-Bromofluorobenzene	12.414	95	225	8.824	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	17.640%#

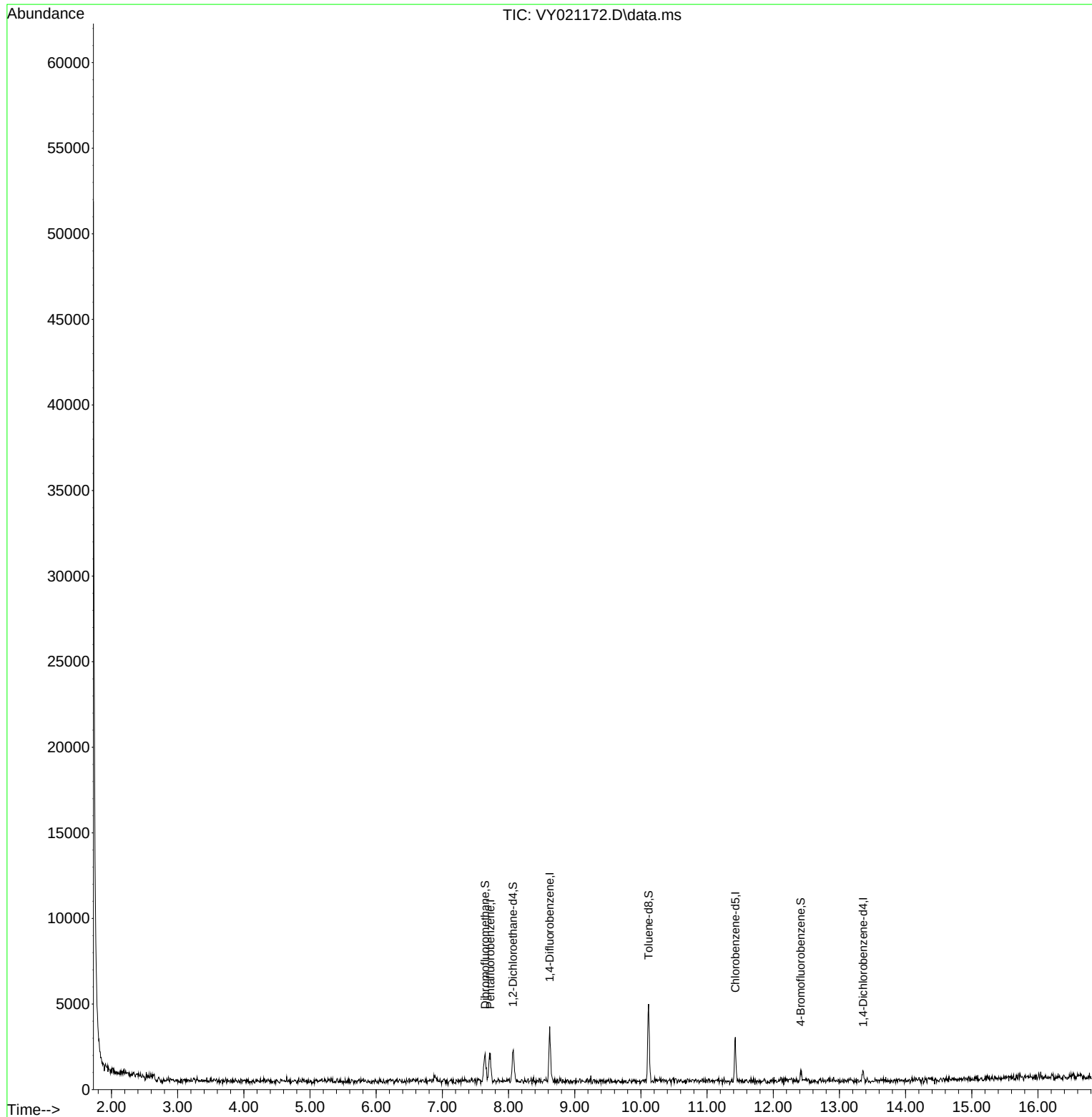
Target Compounds	Qvalue

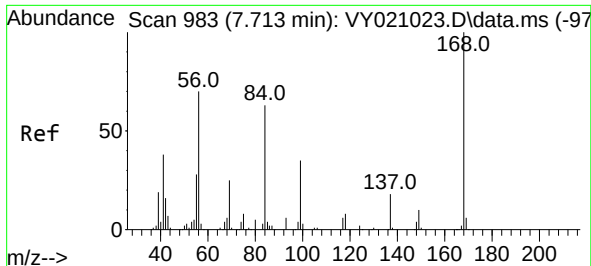
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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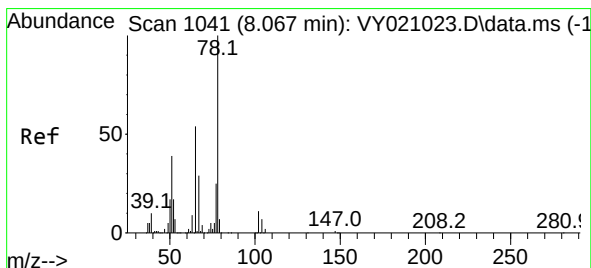
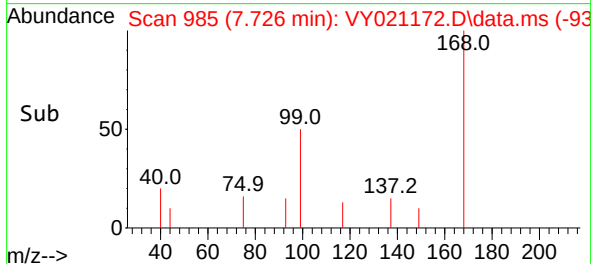
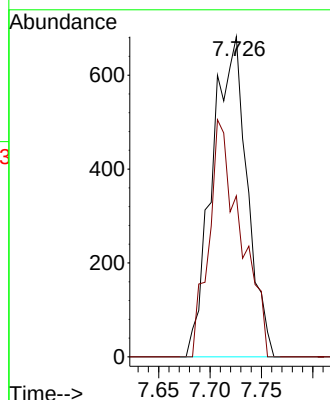
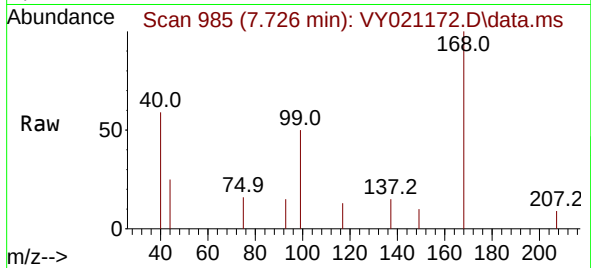




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

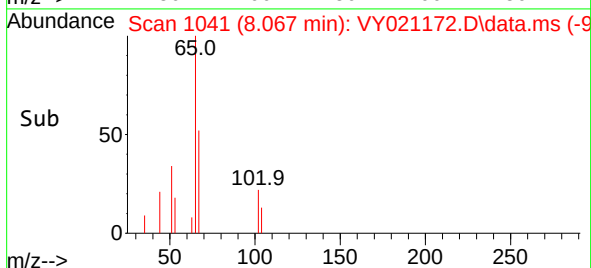
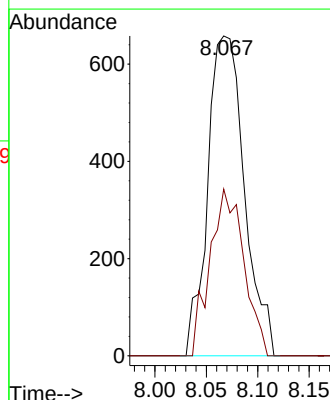
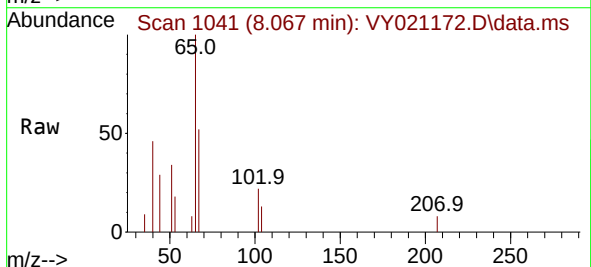
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

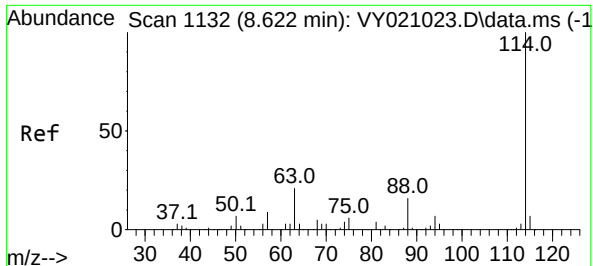
Tgt Ion:168 Resp: 1613
Ion Ratio Lower Upper
168 100
99 50.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 99.114 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

Tgt Ion: 65 Resp: 1638
Ion Ratio Lower Upper
65 100
67 48.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021172.D

Acq: 11 Feb 2025 16:02

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-COMP

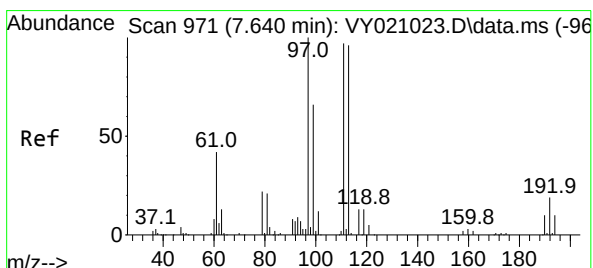
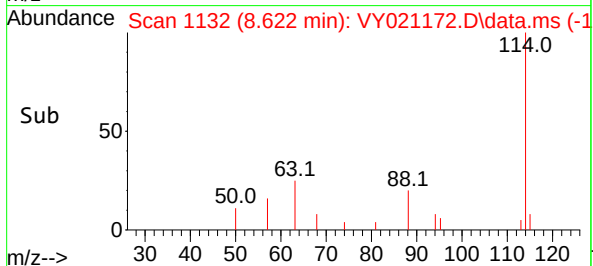
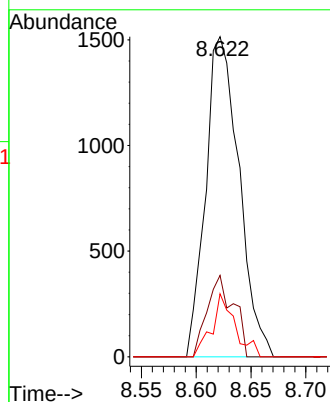
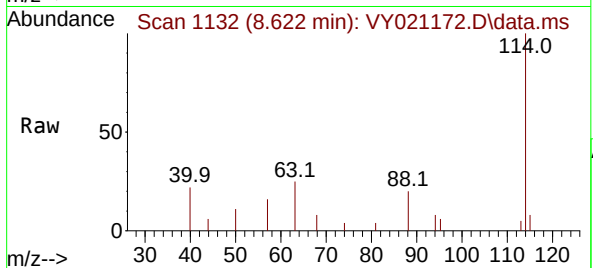
Tgt Ion:114 Resp: 3199

Ion Ratio Lower Upper

114 100

63 25.4 0.0 37.4

88 19.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 61.118 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021172.D

Acq: 11 Feb 2025 16:02

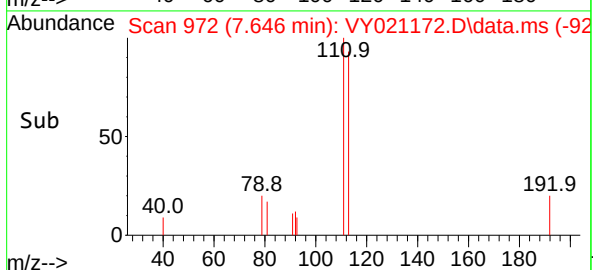
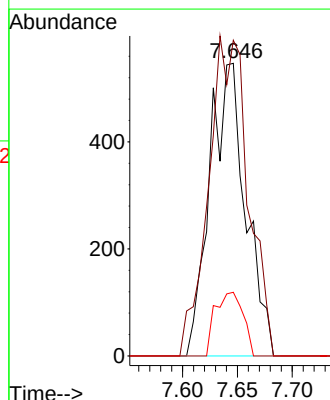
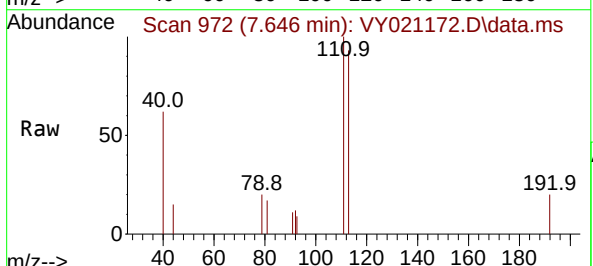
Tgt Ion:113 Resp: 1253

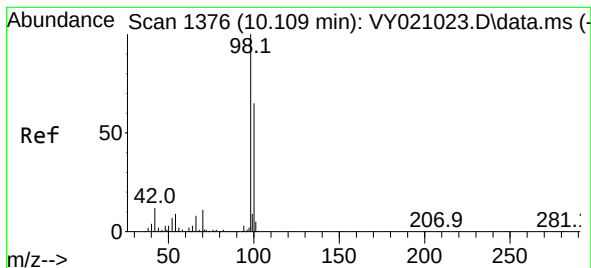
Ion Ratio Lower Upper

113 100

111 119.9 83.8 125.6

192 16.8 14.5 21.7

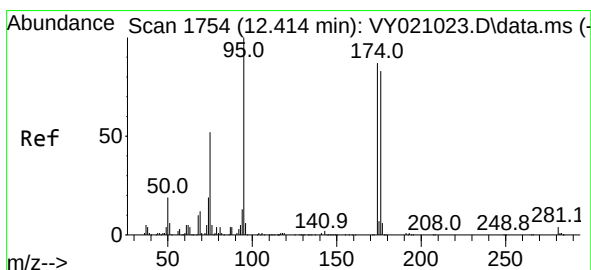
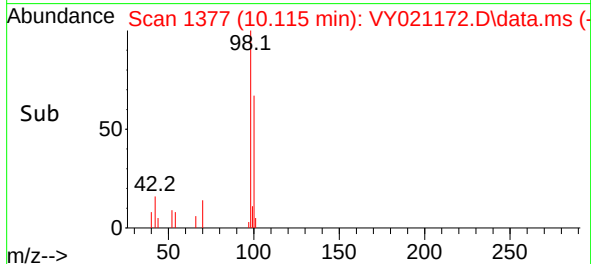
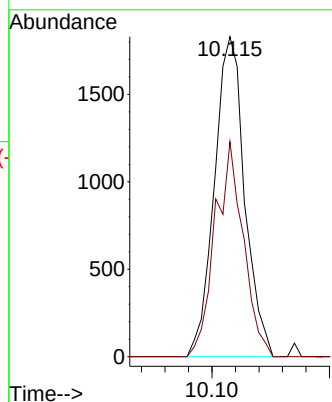
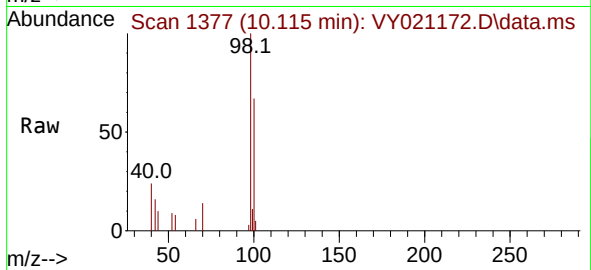




#50
Toluene-d8
Concen: 41.973 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

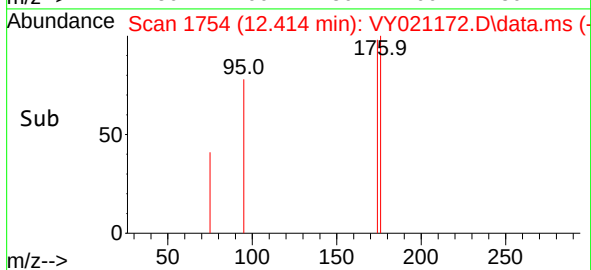
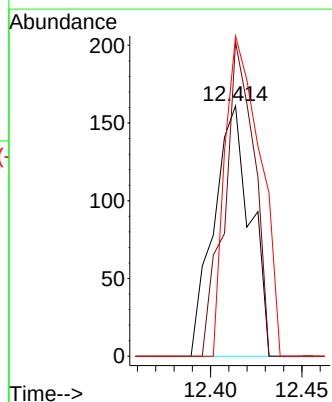
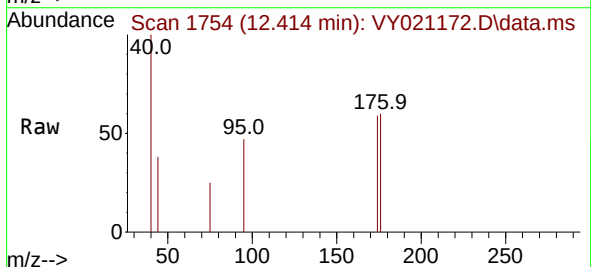
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

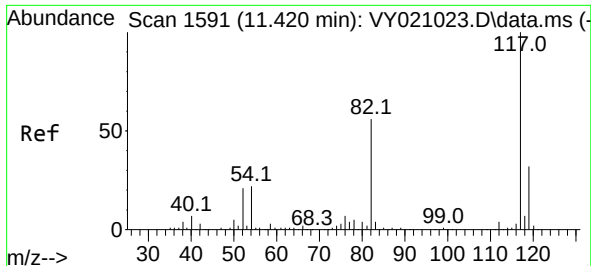
Tgt Ion: 98 Resp: 3276
Ion Ratio Lower Upper
98 100
100 62.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 8.824 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

Tgt Ion: 95 Resp: 225
Ion Ratio Lower Upper
95 100
174 101.3 0.0 160.0
176 123.1 0.0 151.8

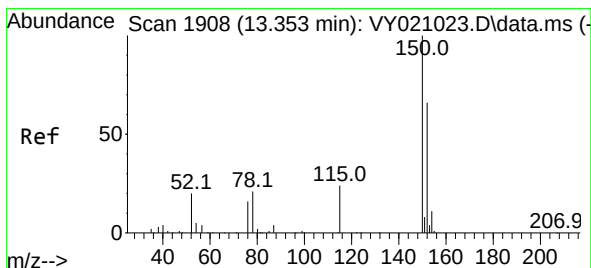
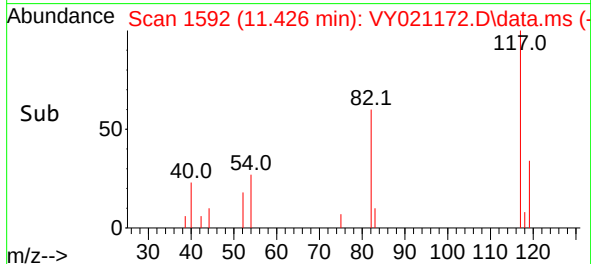
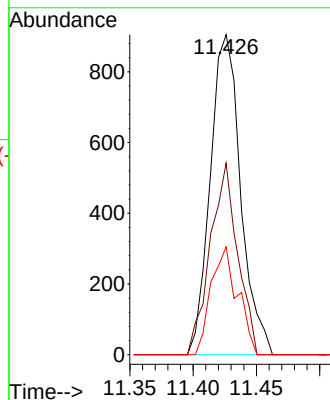
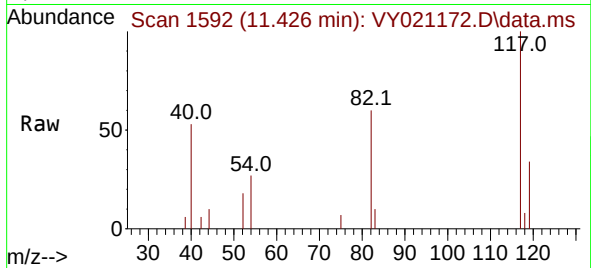




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-COMP

Tgt Ion:117 Resp: 1512
Ion Ratio Lower Upper
117 100
82 59.9 43.8 65.8
119 33.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021172.D
Acq: 11 Feb 2025 16:02

Tgt Ion:152 Resp: 226
Ion Ratio Lower Upper
152 100
115 73.5 30.0 90.0
150 160.2 0.0 344.6

