

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021155.D
 Acq On : 10 Feb 2025 14:27
 Operator : SY/MD
 Sample : Q1344-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1

Quant Time: Feb 11 00:30:55 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	7.713	168	159938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	301901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	272758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	106426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	86133	52.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.120%
35) Dibromofluoromethane	7.640	113	93905	48.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.115	98	366993	49.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.413	95	114454	47.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.120%

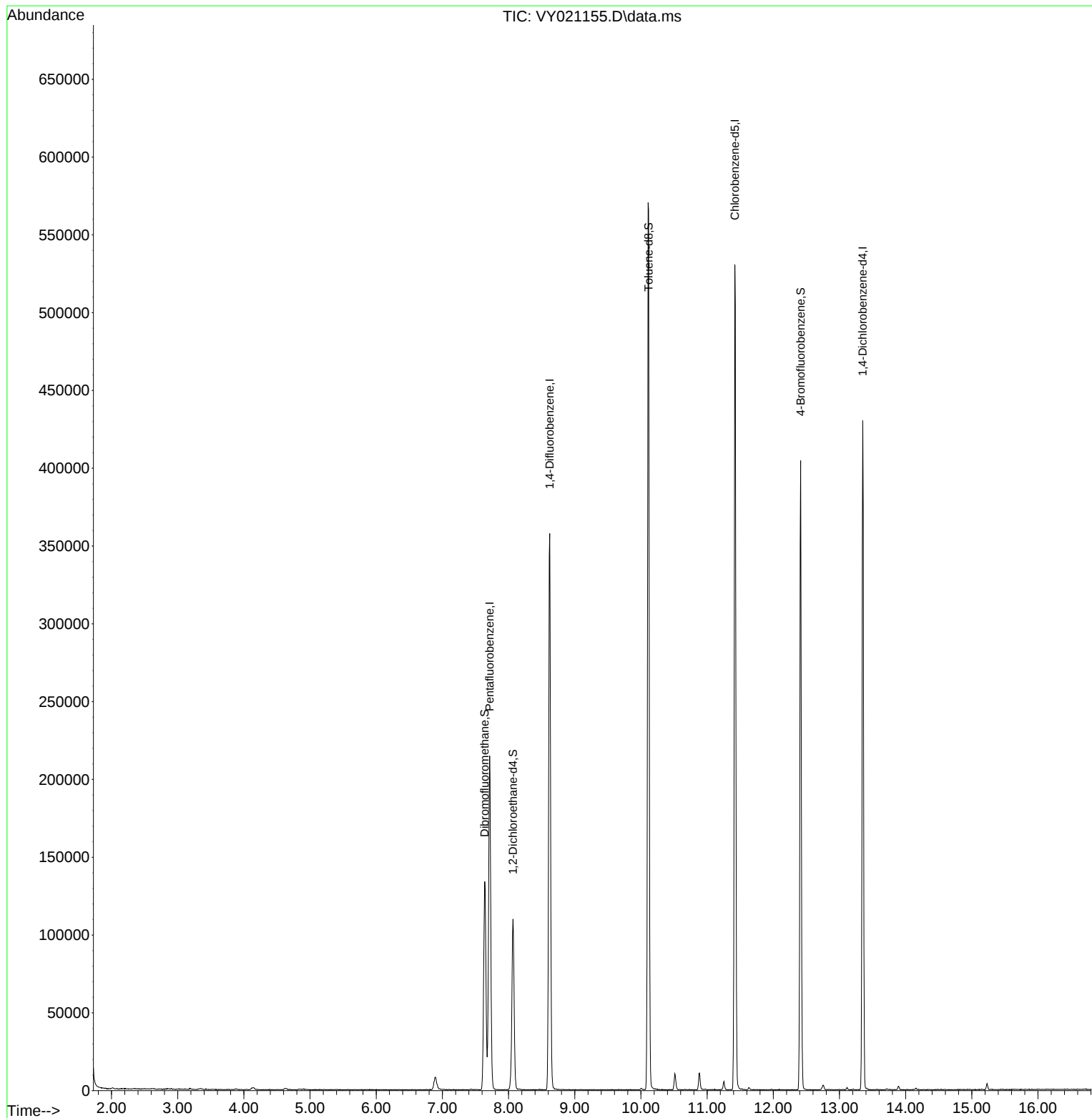
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
Data File : VY021155.D
Acq On : 10 Feb 2025 14:27
Operator : SY/MD
Sample : Q1344-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

Quant Time: Feb 11 00:30:55 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

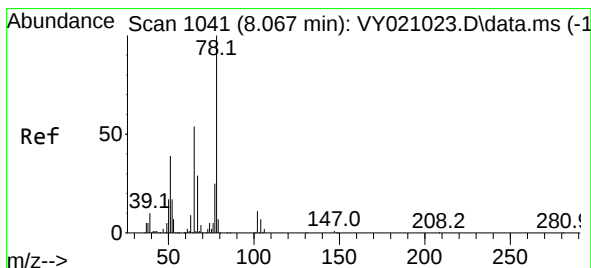
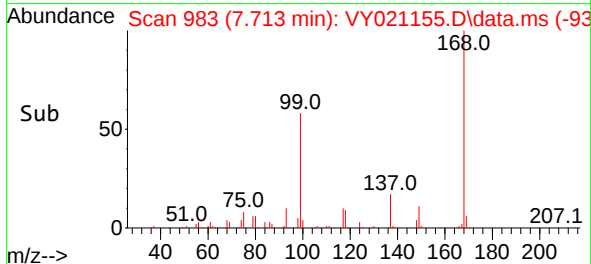
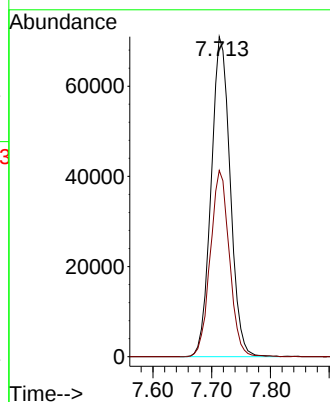
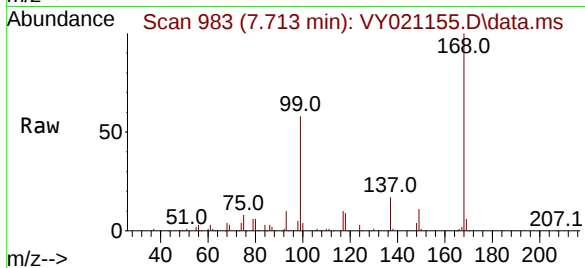




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

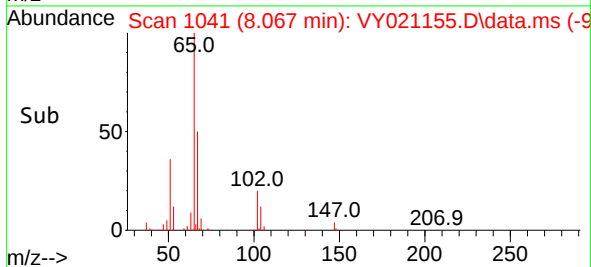
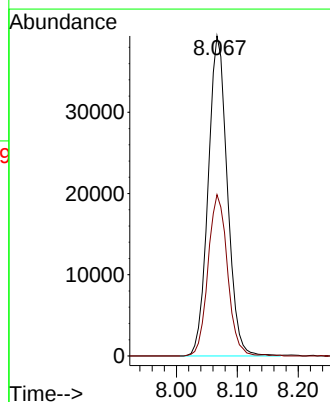
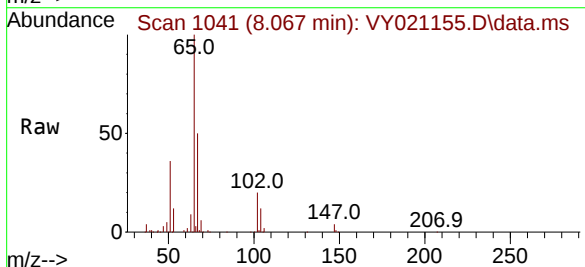
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

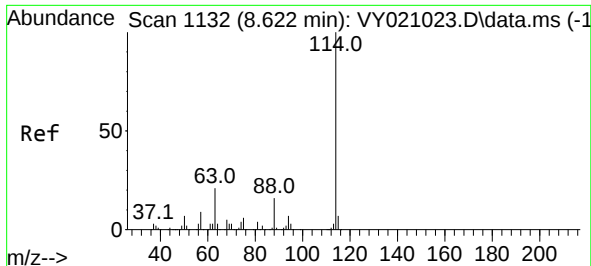
Tgt Ion:168 Resp: 159938
Ion Ratio Lower Upper
168 100
99 58.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.562 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

Tgt Ion: 65 Resp: 86133
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0

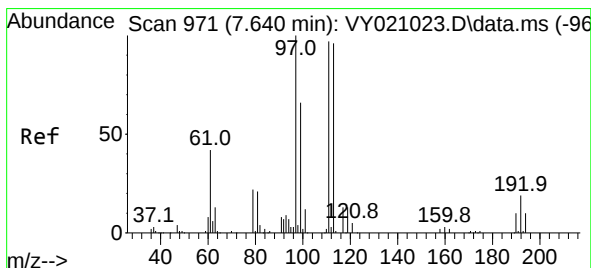
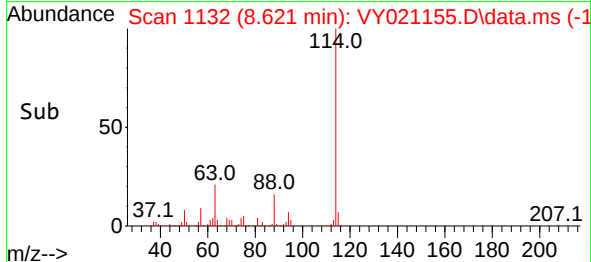
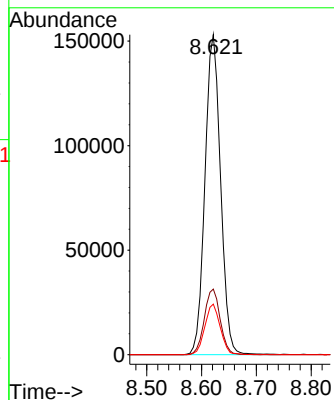
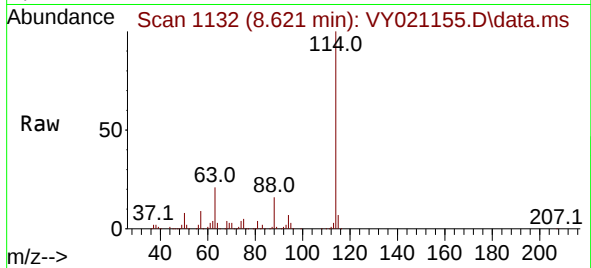




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

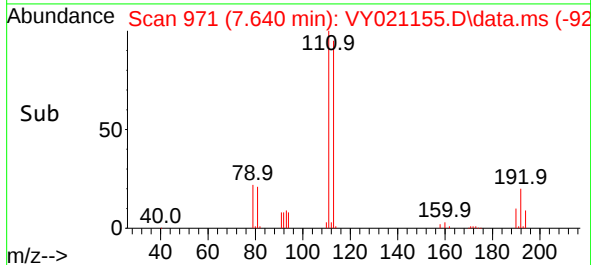
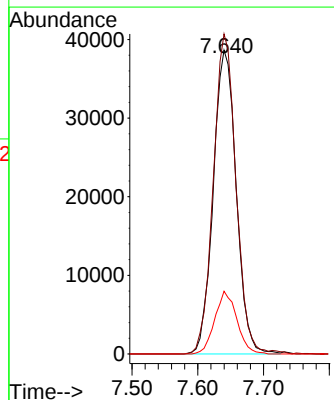
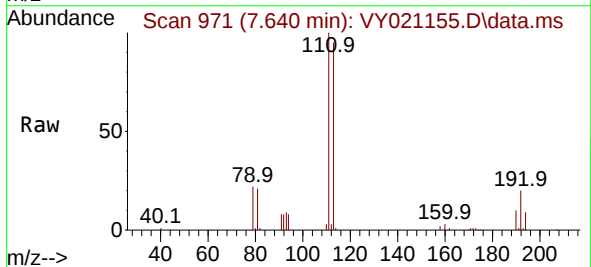
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

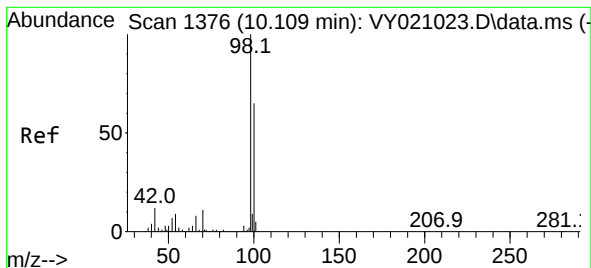
Tgt Ion:114 Resp: 301901
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 15.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 48.535 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

Tgt Ion:113 Resp: 93905
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 19.8 14.5 21.7

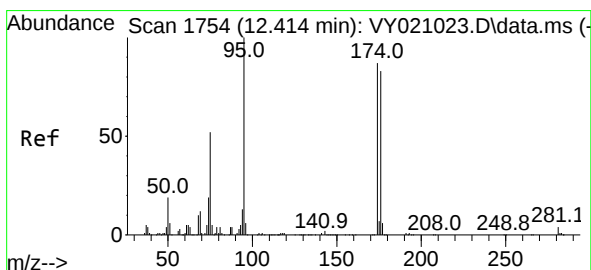
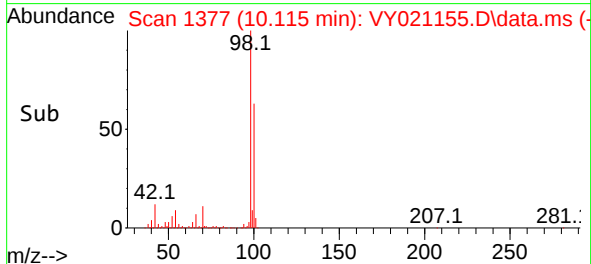
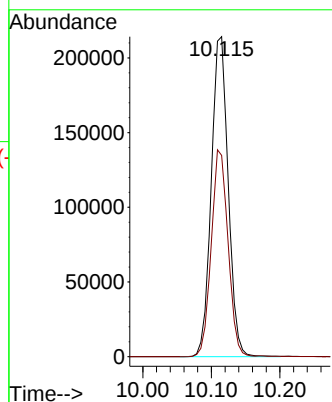
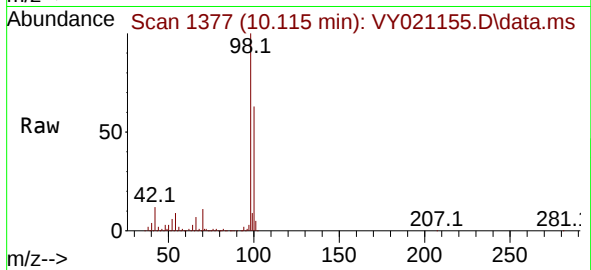




#50
Toluene-d8
Concen: 49.824 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

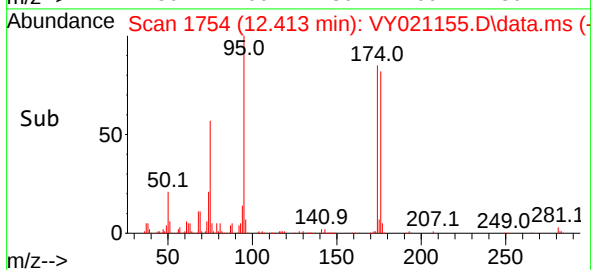
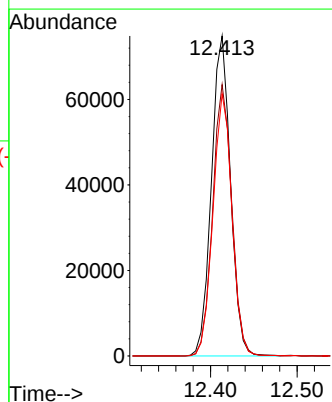
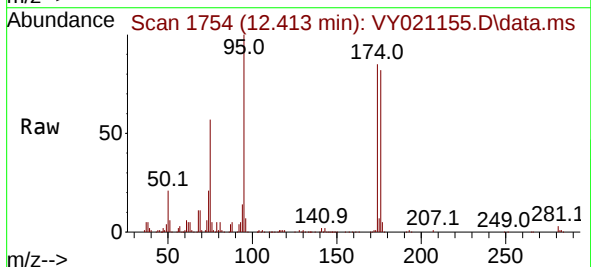
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

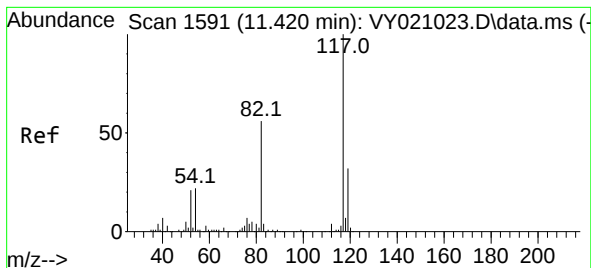
Tgt Ion: 98 Resp: 366993
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.563 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021155.D
Acq: 10 Feb 2025 14:27

Tgt Ion: 95 Resp: 114454
Ion Ratio Lower Upper
95 100
174 85.1 0.0 160.0
176 81.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021155.D

Acq: 10 Feb 2025 14:27

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1

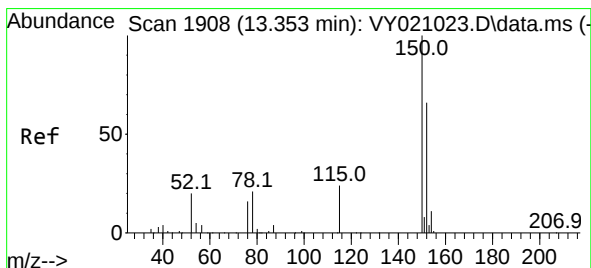
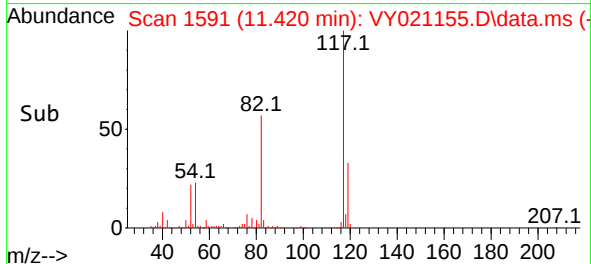
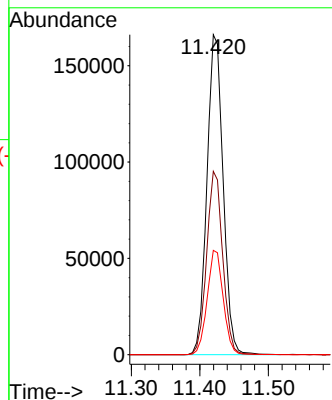
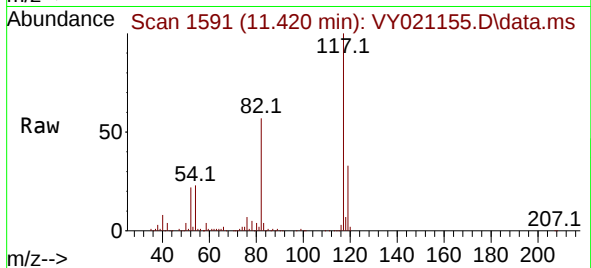
Tgt Ion:117 Resp: 272758

Ion Ratio Lower Upper

117 100

82 57.3 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021155.D

Acq: 10 Feb 2025 14:27

Tgt Ion:152 Resp: 106426

Ion Ratio Lower Upper

152 100

115 57.5 30.0 90.0

150 154.0 0.0 344.6

