

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021154.D
 Acq On : 10 Feb 2025 13:51
 Operator : SY/MD
 Sample : Q1340-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RV-SOIL

Quant Time: Feb 11 00:30:36 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)

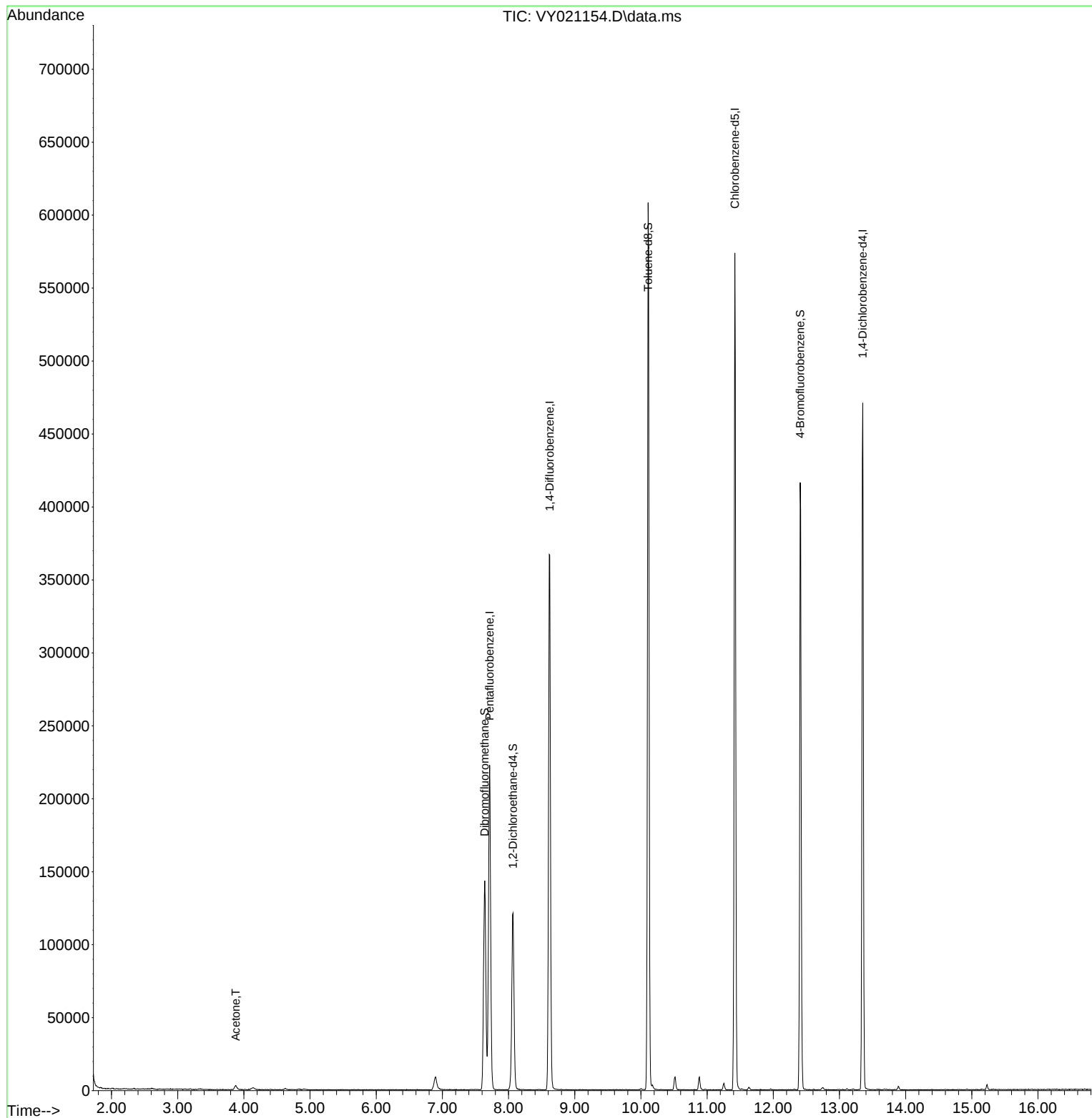
Internal Standards						
1) Pentafluorobenzene	7.713	168	165735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	308833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	288207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	115466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	96741	56.971	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	113.940%	
35) Dibromofluoromethane	7.640	113	101223	51.143	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.280%	
50) Toluene-d8	10.109	98	382030	50.701	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	101.400%	
62) 4-Bromofluorobenzene	12.407	95	122171	49.630	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	99.260%	
Target Compounds						
16) Acetone	3.878	43	5186	19.584	ug/l	Qvalue 100

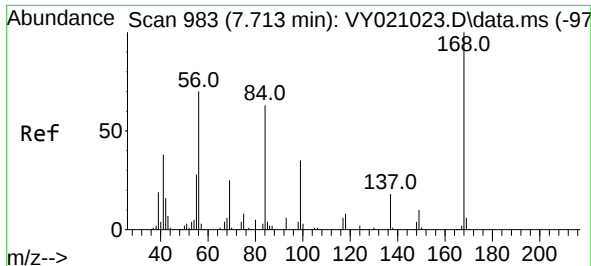
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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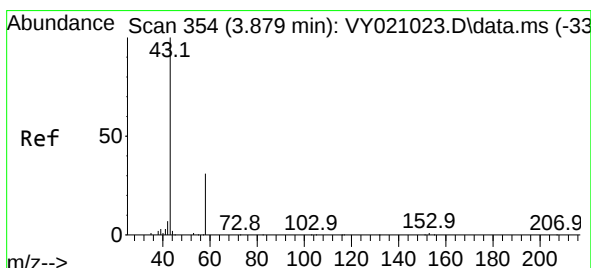
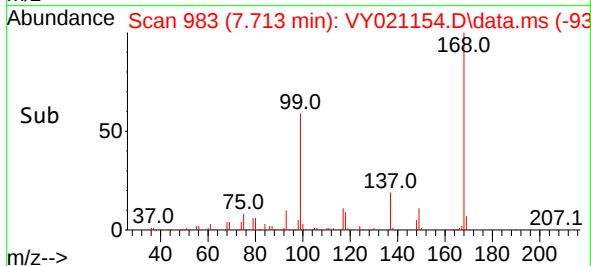
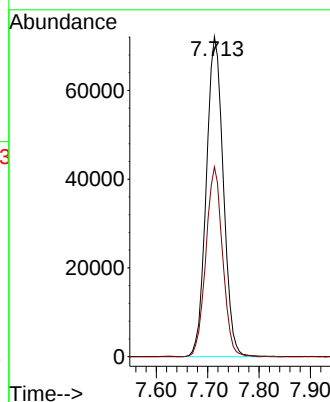
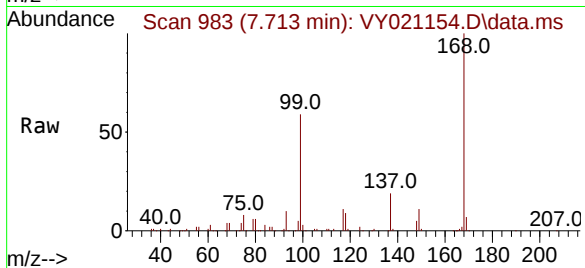




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

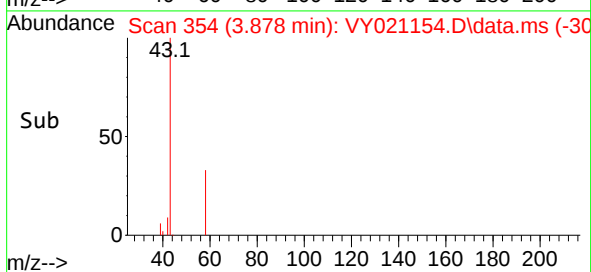
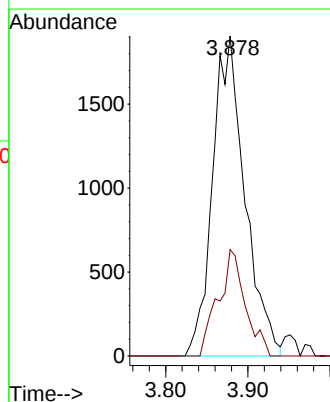
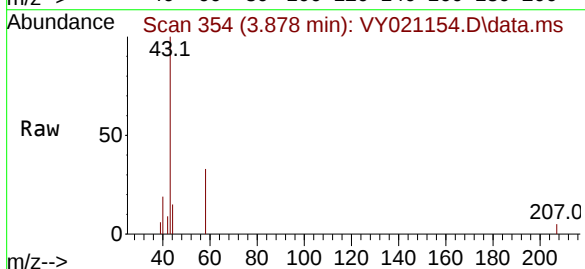
Instrument :
MSVOA_Y
ClientSampleId :
RV-SOIL

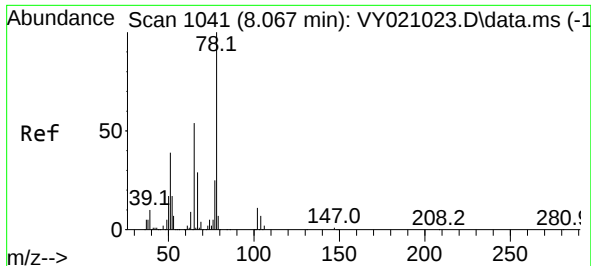
Tgt Ion:168 Resp: 165735
Ion Ratio Lower Upper
168 100
99 59.3 44.2 66.4



#16
Acetone
Concen: 19.584 ug/l
RT: 3.878 min Scan# 354
Delta R.T. -0.001 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

Tgt Ion: 43 Resp: 5186
Ion Ratio Lower Upper
43 100
58 33.3 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 56.971 ug/l

RT: 8.066 min Scan# 1104

Delta R.T. -0.001 min

Lab File: VY021154.D

Acq: 10 Feb 2025 13:51

Instrument :

MSVOA_Y

ClientSampleId :

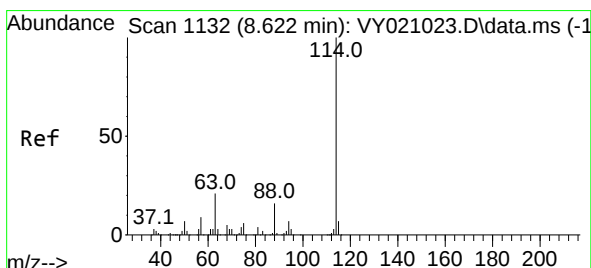
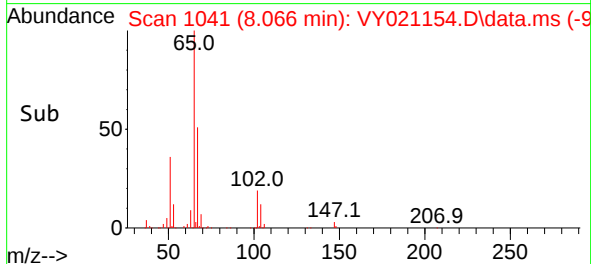
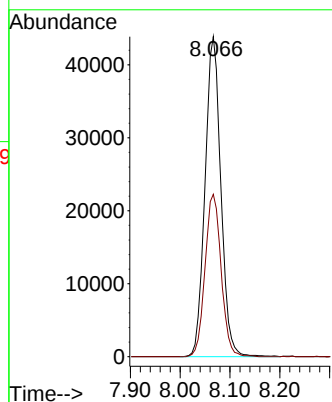
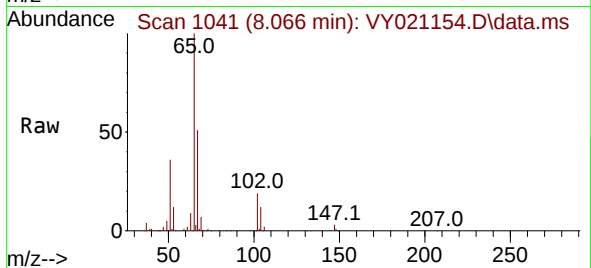
RV-SOIL

Tgt Ion: 65 Resp: 96741

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.001 min

Lab File: VY021154.D

Acq: 10 Feb 2025 13:51

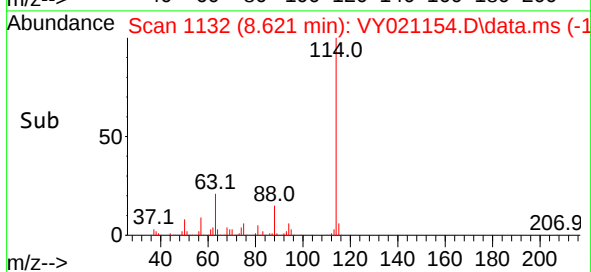
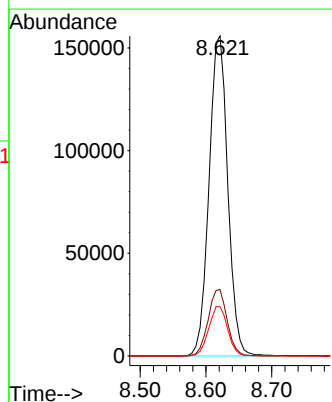
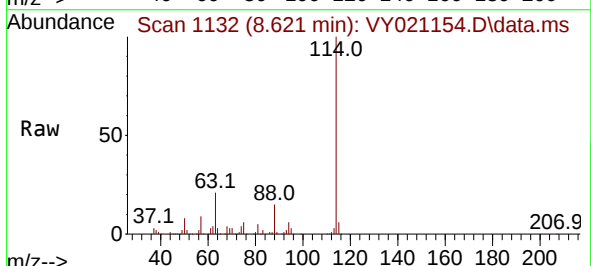
Tgt Ion:114 Resp: 308833

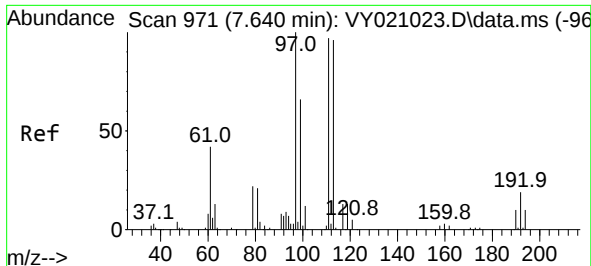
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.4 0.0 29.0

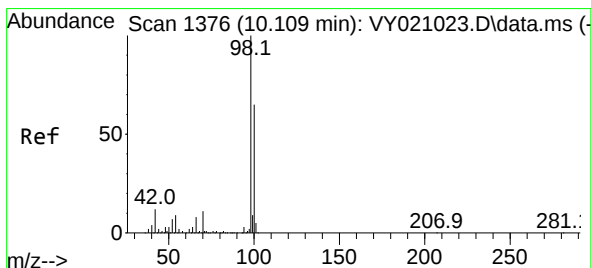
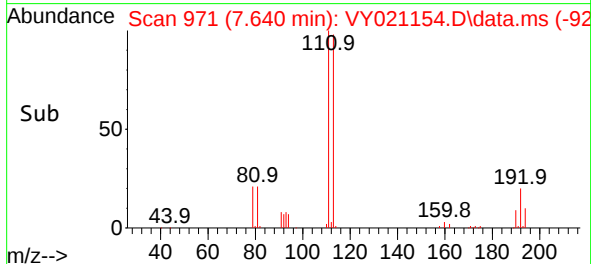
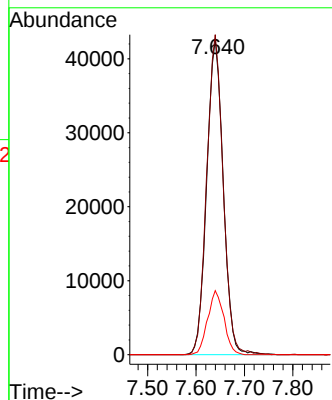
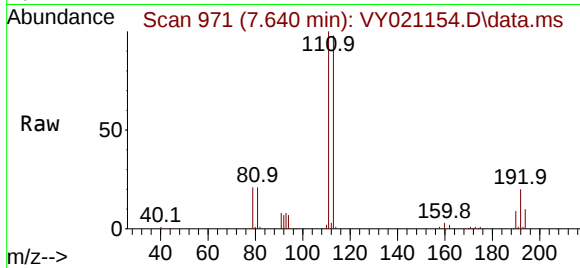




#35
Dibromofluoromethane
Concen: 51.143 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

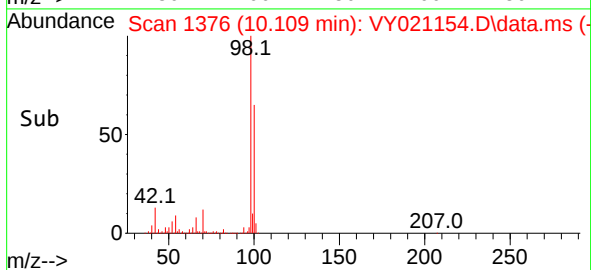
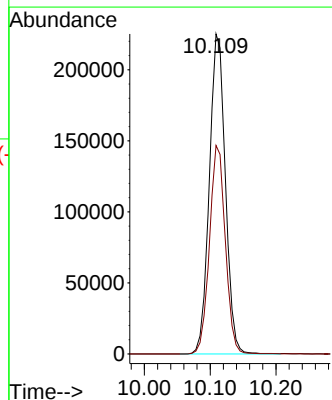
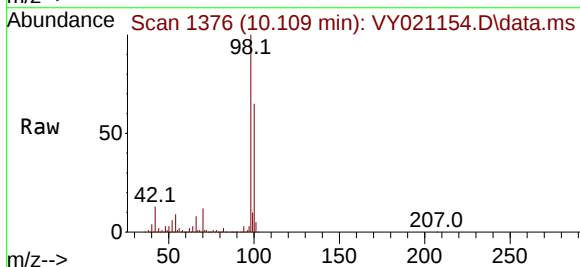
Instrument :
MSVOA_Y
ClientSampleId :
RV-SOIL

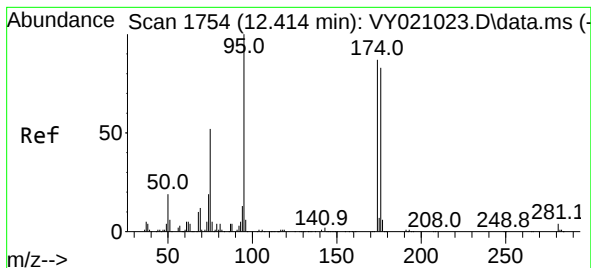
Tgt Ion:113 Resp: 101223
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.6
192 20.0 14.5 21.7



#50
Toluene-d8
Concen: 50.701 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.001 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

Tgt Ion: 98 Resp: 382030
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

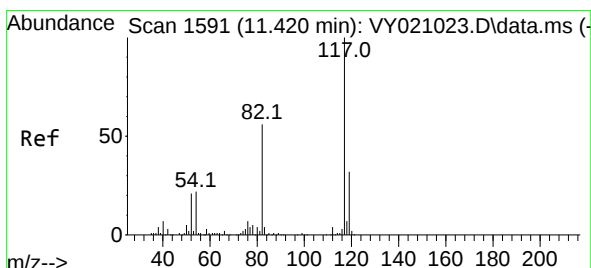
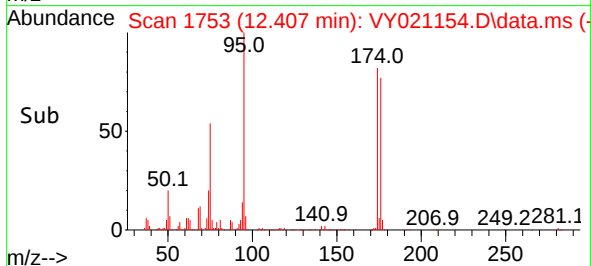
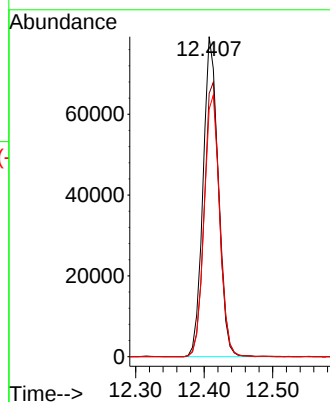
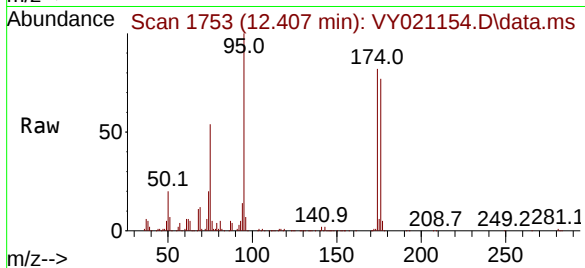




#62
4-Bromofluorobenzene
Concen: 49.630 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

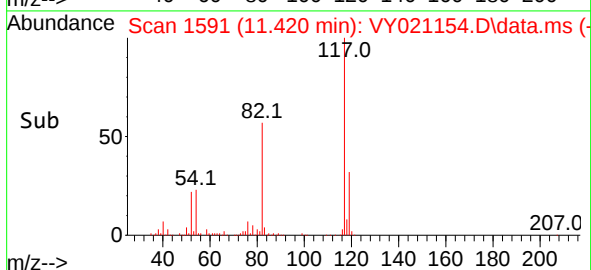
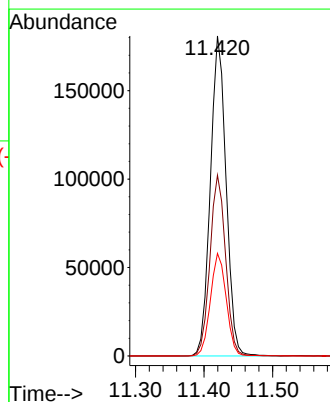
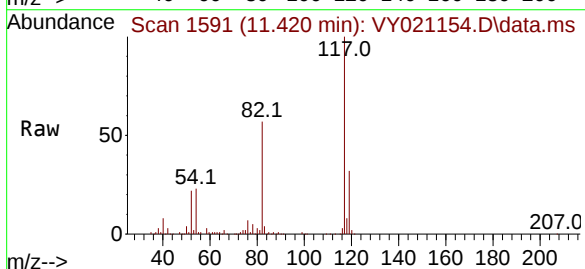
Instrument :
MSVOA_Y
ClientSampleId :
RV-SOIL

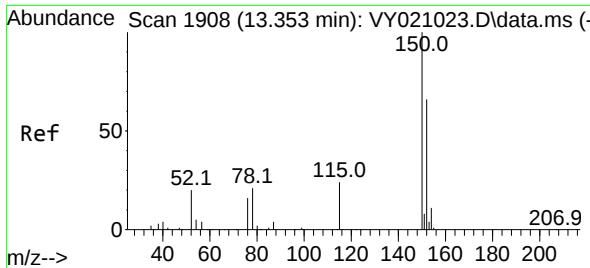
Tgt Ion: 95 Resp: 122171
Ion Ratio Lower Upper
95 100
174 87.0 0.0 160.0
176 83.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.001 min
Lab File: VY021154.D
Acq: 10 Feb 2025 13:51

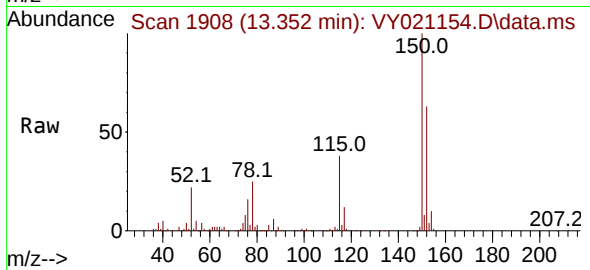
Tgt Ion: 117 Resp: 288207
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 32.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.001 min
 Lab File: VY021154.D
 Acq: 10 Feb 2025 13:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 RV-SOIL



Tgt Ion:	152	Resp:	115466
Ion	Ratio	Lower	Upper
152	100		
115	58.6	30.0	90.0
150	156.8	0.0	344.6

