

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012925\
 Data File : VY020967.D
 Acq On : 29 Jan 2025 15:56
 Operator : SY/MD
 Sample : Q1221-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHESTNUT-CONCRETE

Quant Time: Jan 30 00:36:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	251044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	380614	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	315215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	145189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98040	48.981	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.960%
35) Dibromofluoromethane	7.634	113	74593	34.138	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.280%
50) Toluene-d8	10.109	98	390032	46.019	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.040%
62) 4-Bromofluorobenzene	12.408	95	120563	42.743	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.480%

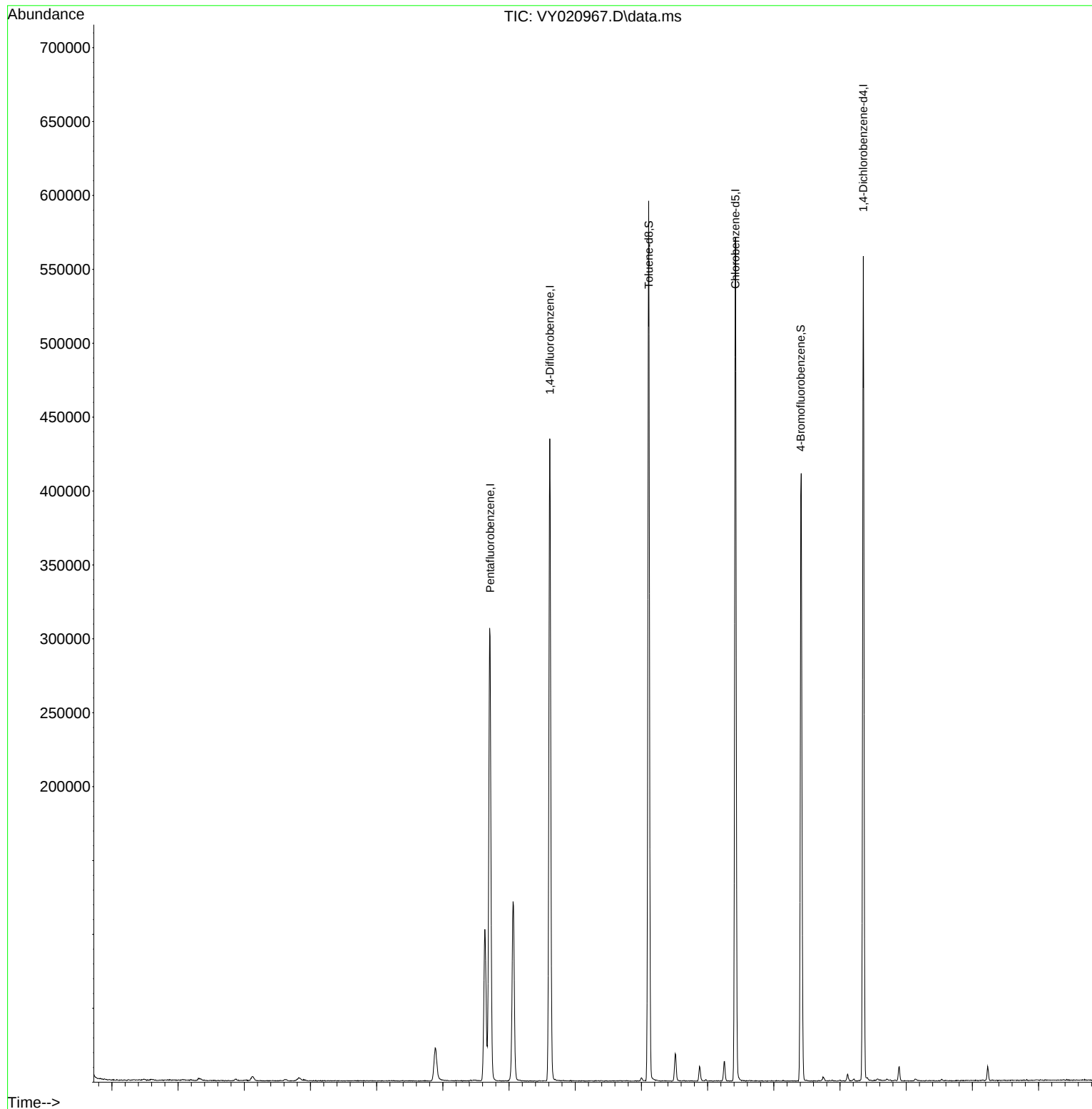
Target Compounds Qvalue

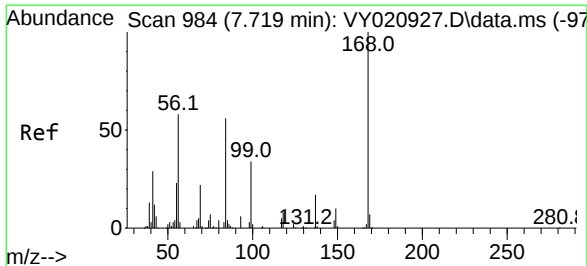
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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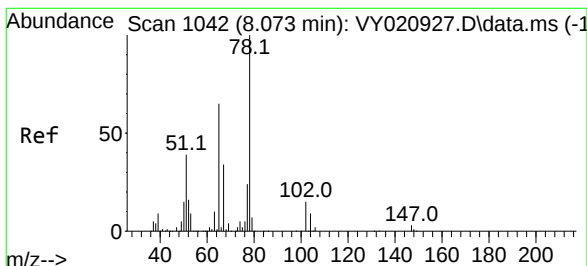
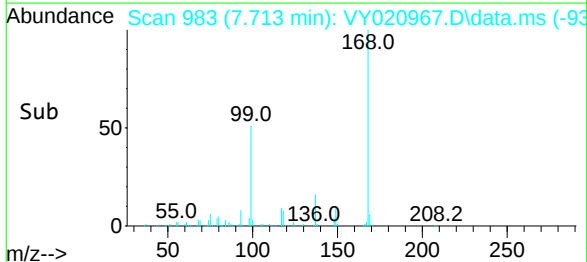
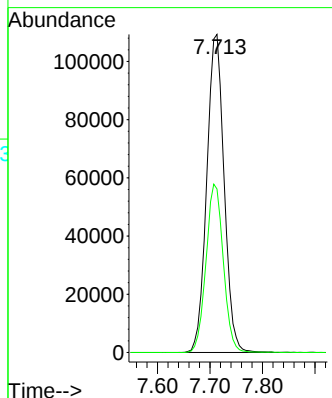
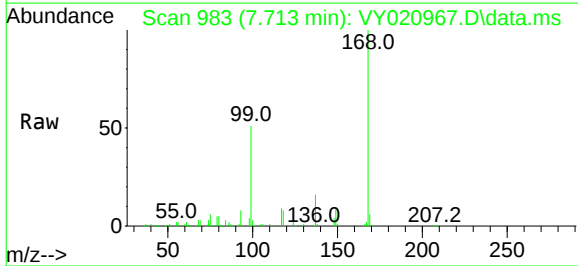




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020967.D
Acq: 29 Jan 2025 15:56

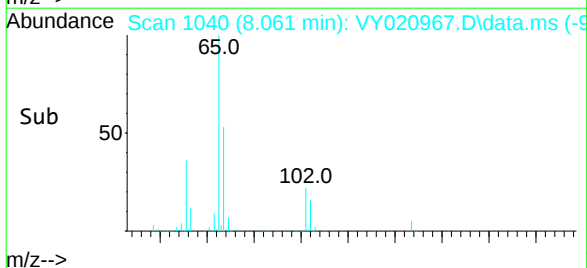
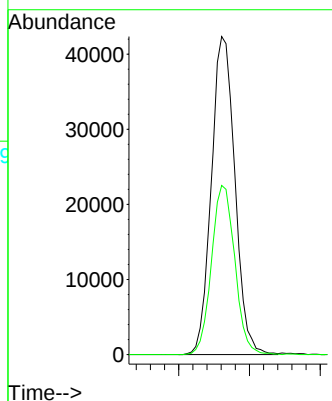
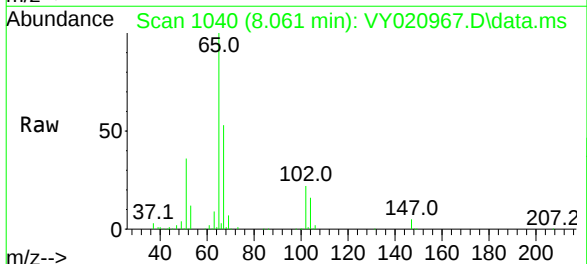
Instrument :
MSVOA_Y
ClientSampleId :
CHESTNUT-CONCRETE

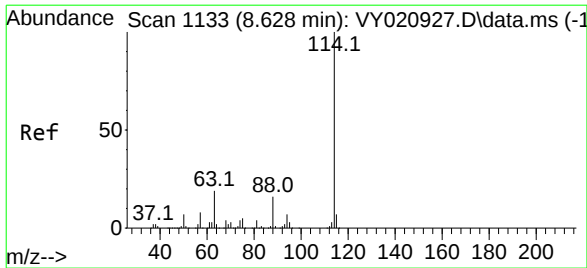
Tgt Ion:168 Resp: 251044
Ion Ratio Lower Upper
168 100
99 51.4 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 48.981 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020967.D
Acq: 29 Jan 2025 15:56

Tgt Ion: 65 Resp: 98040
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

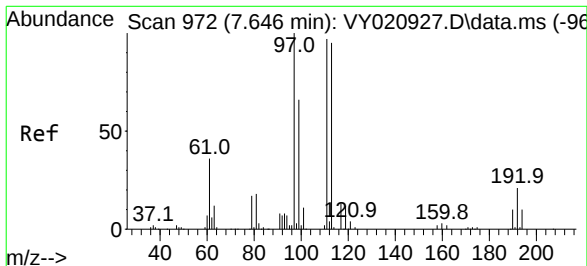
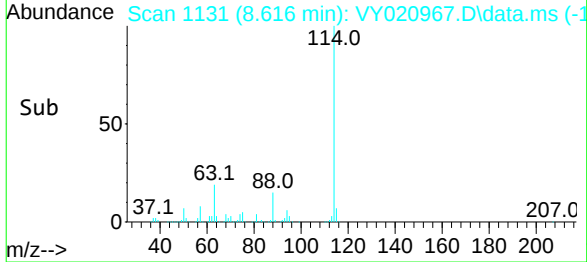
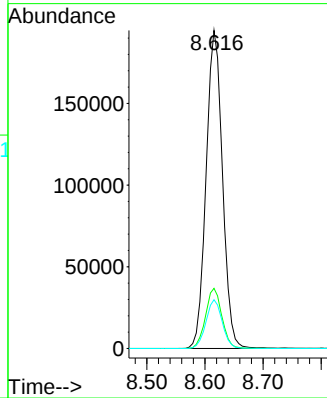
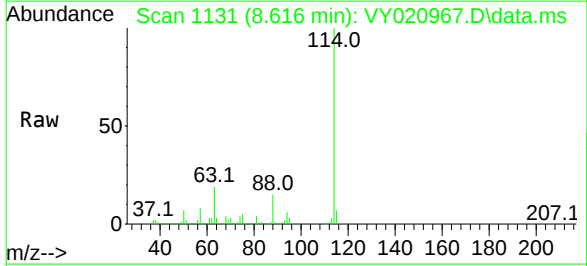




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1133
Delta R.T. -0.012 min
Lab File: VY020967.D
Acq: 29 Jan 2025 15:56

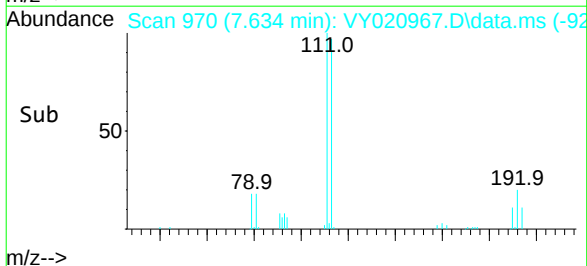
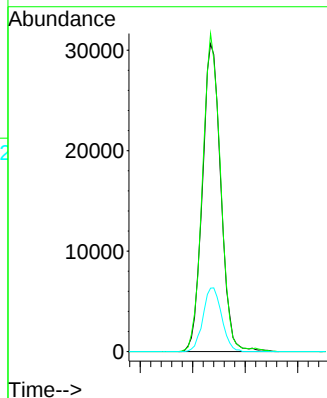
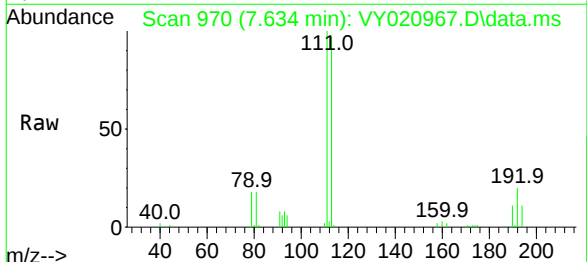
Instrument :
MSVOA_Y
ClientSampleId :
CHESTNUT-CONCRETE

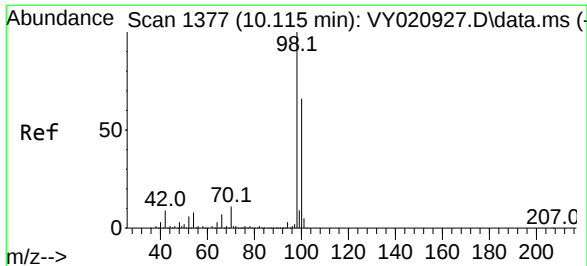
Tgt Ion:	114	Resp:	380614
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.4
88	15.3	0.0	31.6



#35
Dibromofluoromethane
Concen: 34.138 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020967.D
Acq: 29 Jan 2025 15:56

Tgt Ion:	113	Resp:	74593
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.3	123.5
192	21.0	17.4	26.2





#50

Toluene-d8

Concen: 46.019 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020967.D

Acq: 29 Jan 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

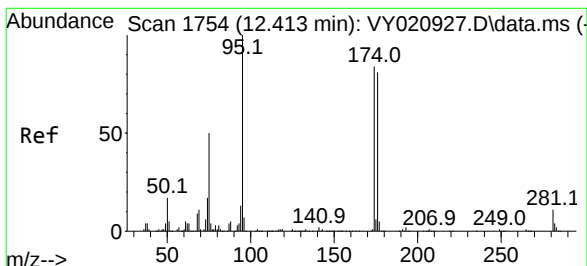
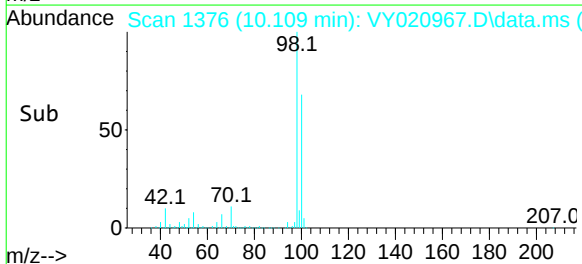
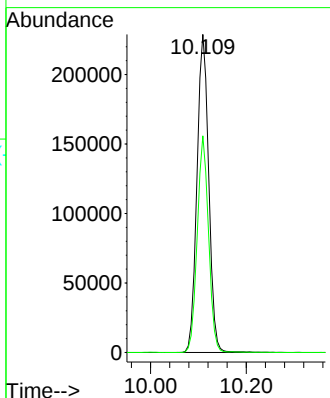
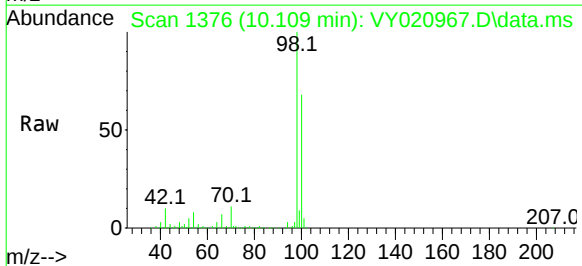
CHESTNUT-CONCRETE

Tgt Ion: 98 Resp: 390032

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 42.743 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020967.D

Acq: 29 Jan 2025 15:56

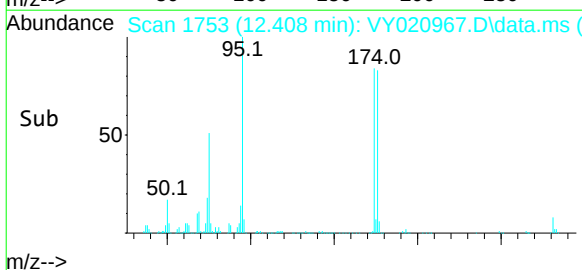
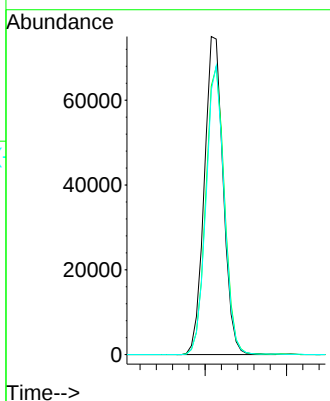
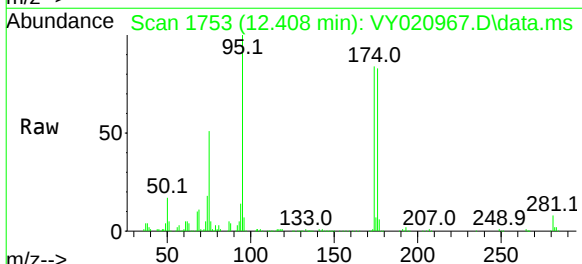
Tgt Ion: 95 Resp: 120563

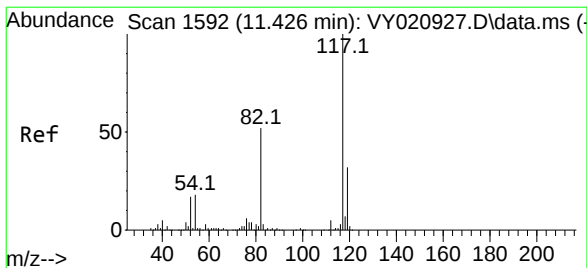
Ion Ratio Lower Upper

95 100

174 89.7 0.0 177.4

176 87.4 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020967.D

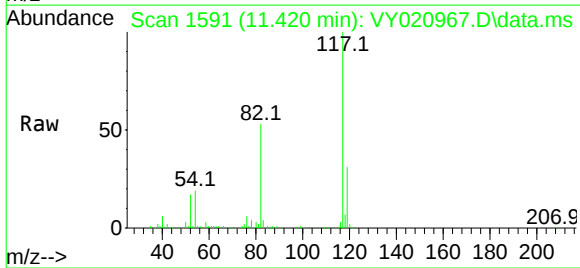
Acq: 29 Jan 2025 15:56

Instrument :

MSVOA_Y

ClientSampleId :

CHESTNUT-CONCRETE



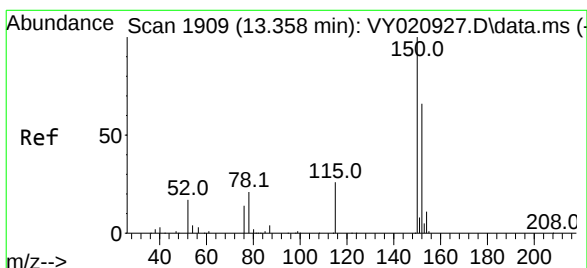
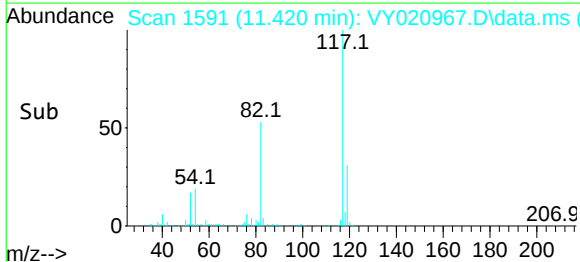
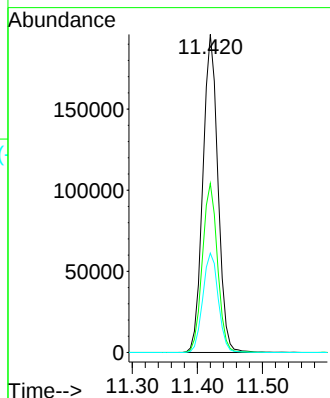
Tgt Ion:117 Resp: 315215

Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.8

119 31.2 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020967.D

Acq: 29 Jan 2025 15:56

Tgt Ion:152 Resp: 145189

Ion Ratio Lower Upper

152 100

115 56.2 29.0 87.0

150 155.9 0.0 347.6

