

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021587.D
 Acq On : 20 Mar 2025 17:08
 Operator : SY/MD
 Sample : Q1605-01
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-SOIL-CUTTING

Quant Time: Mar 21 01:35:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

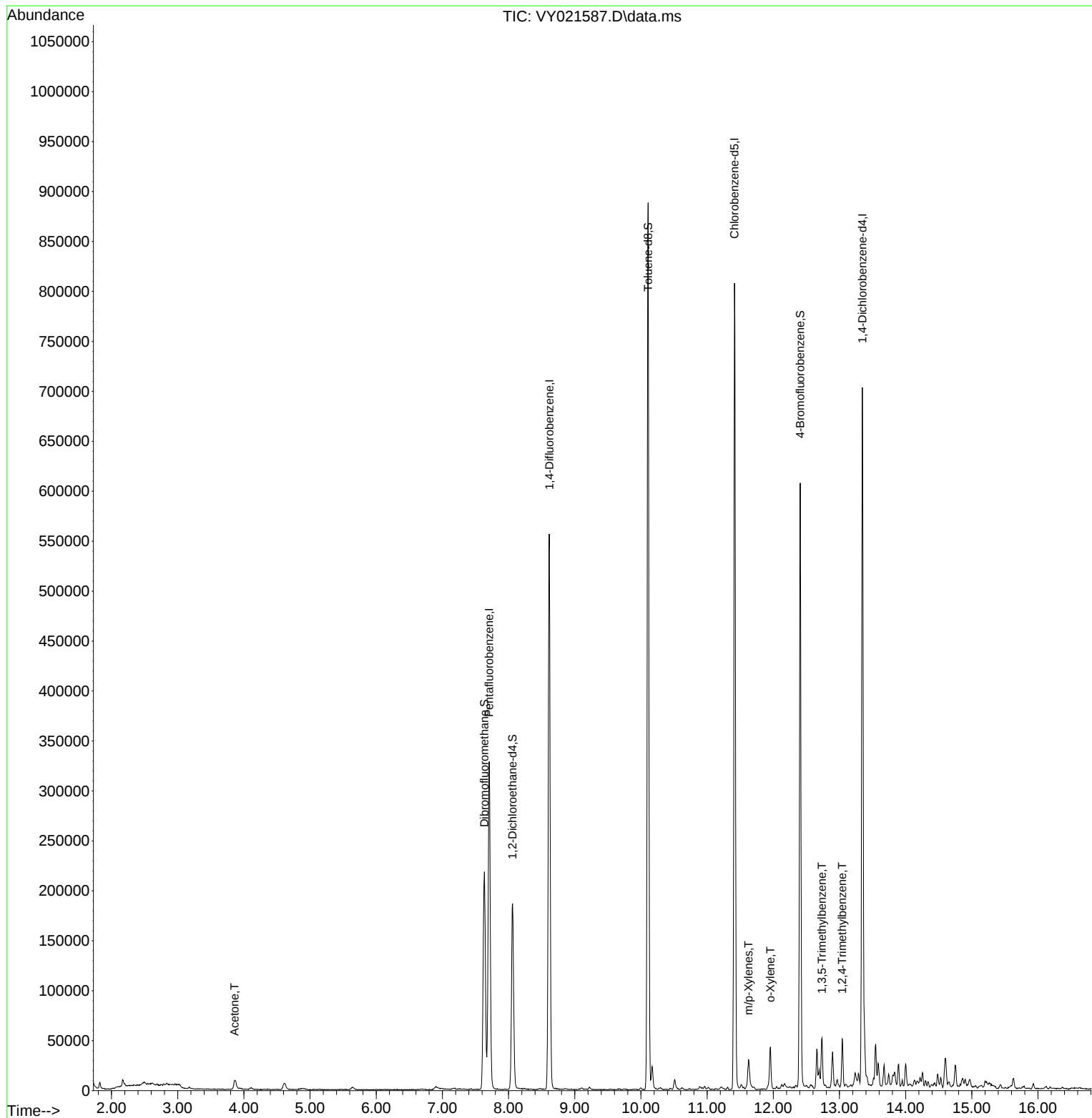
Internal Standards						
1) Pentafluorobenzene	7.707	168	237742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	458600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	412696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	169730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	148133	58.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.900%
35) Dibromofluoromethane	7.634	113	154226	51.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.320%
50) Toluene-d8	10.109	98	556798	48.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.407	95	173399	44.662	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.320%
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	16528	30.157	ug/l	100
68) m/p-Xylenes	11.627	106	7698	1.185	ug/l	98
69) o-Xylene	11.956	106	10128	1.692	ug/l	95
80) 1,3,5-Trimethylbenzene	12.736	105	16574	1.525	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	24057	2.230	ug/l	97

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

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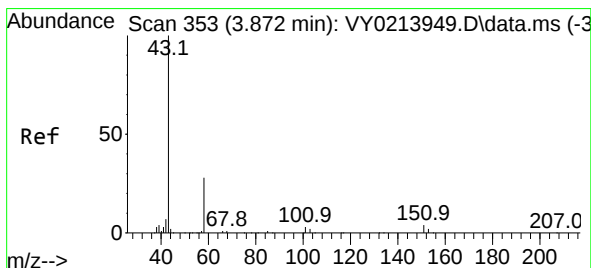
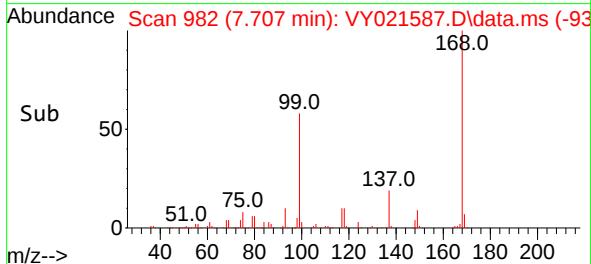
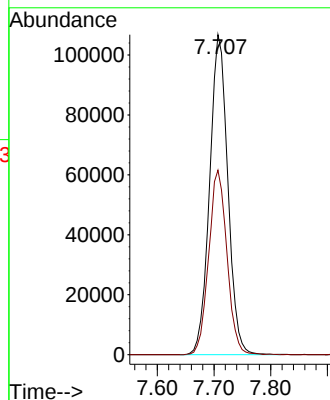
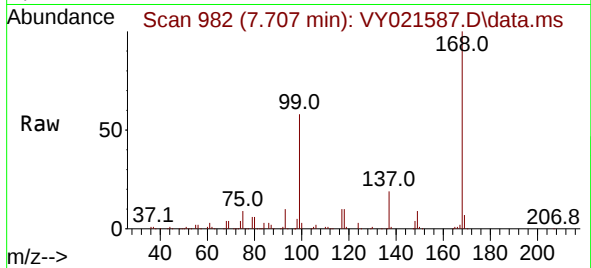




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021587.D
Acq: 20 Mar 2025 17:08

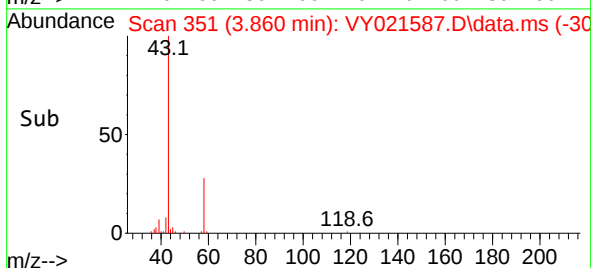
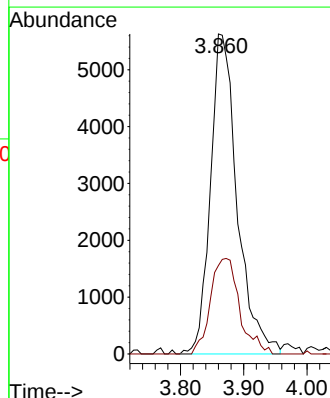
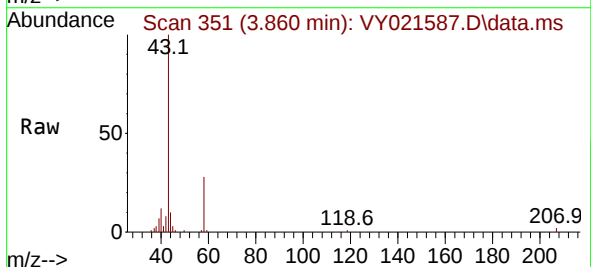
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-SOIL-CUTTING

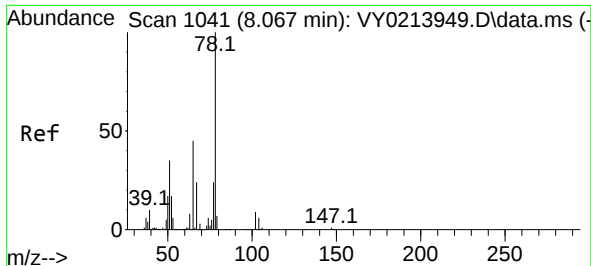
Tgt Ion:168 Resp: 237742
Ion Ratio Lower Upper
168 100
99 57.6 46.0 69.0



#16
Acetone
Concen: 30.157 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021587.D
Acq: 20 Mar 2025 17:08

Tgt Ion: 43 Resp: 16528
Ion Ratio Lower Upper
43 100
58 27.7 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 58.952 ug/l

RT: 8.060 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021587.D

Acq: 20 Mar 2025 17:08

Instrument :

MSVOA_Y

ClientSampleId :

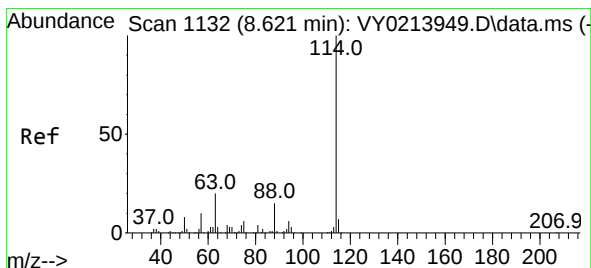
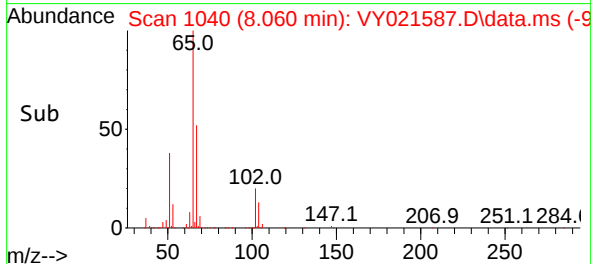
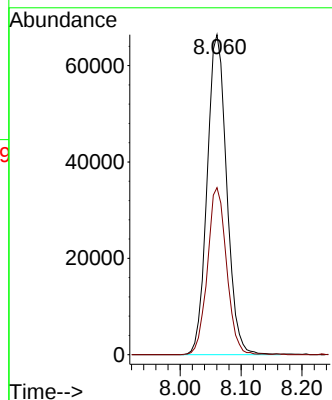
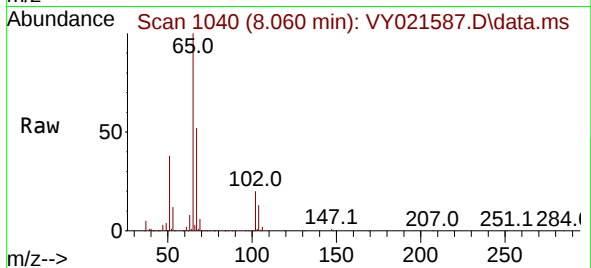
DRUM-SOIL-CUTTING

Tgt Ion: 65 Resp: 148133

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021587.D

Acq: 20 Mar 2025 17:08

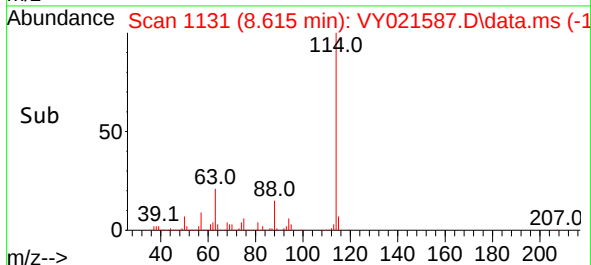
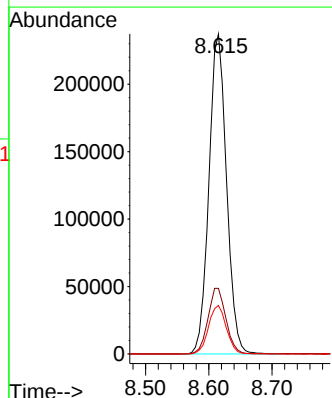
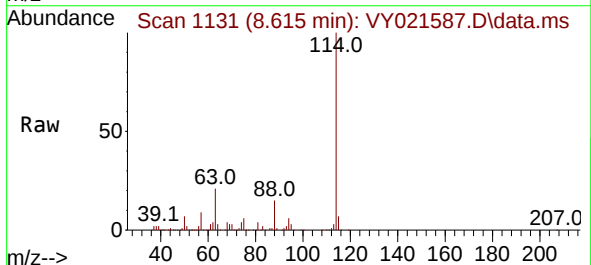
Tgt Ion: 114 Resp: 458600

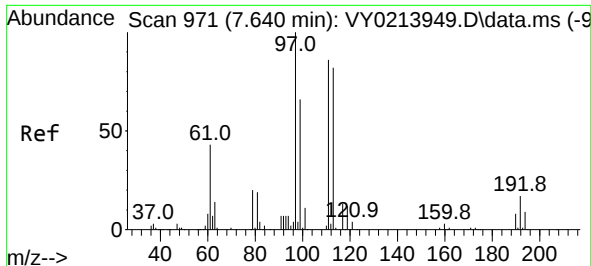
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.2 0.0 30.8

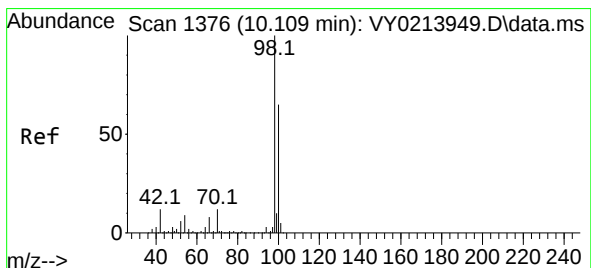
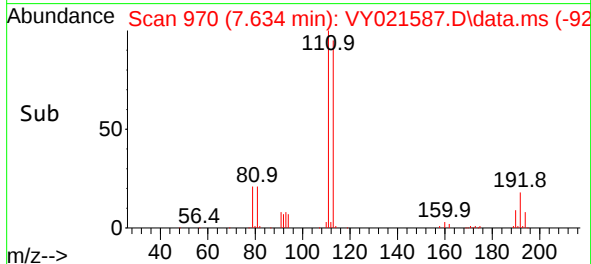
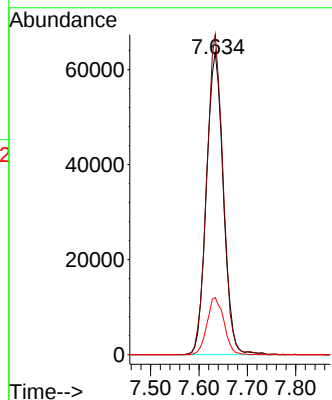
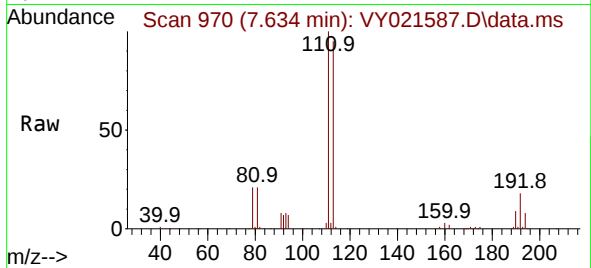




#35
Dibromofluoromethane
Concen: 51.162 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021587.D
Acq: 20 Mar 2025 17:08

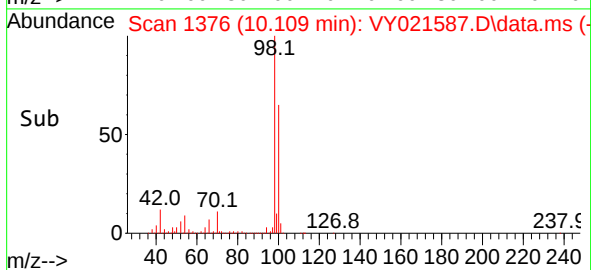
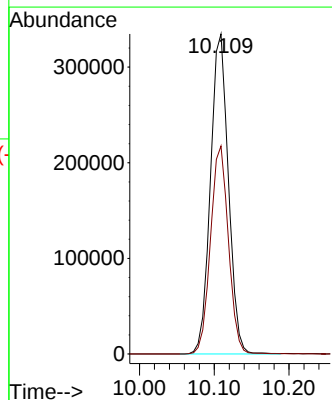
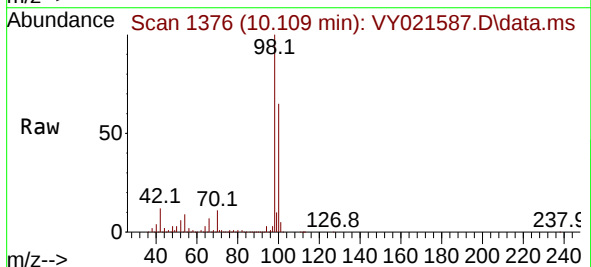
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-SOIL-CUTTING

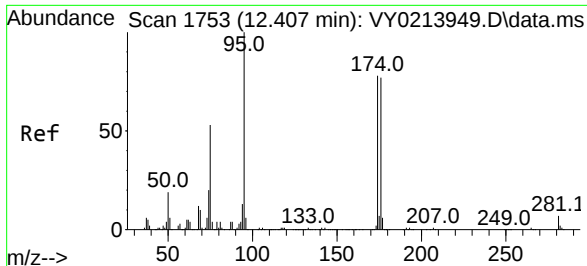
Tgt Ion:113 Resp: 154226
Ion Ratio Lower Upper
113 100
111 103.3 82.0 123.0
192 18.9 15.9 23.9



#50
Toluene-d8
Concen: 48.784 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021587.D
Acq: 20 Mar 2025 17:08

Tgt Ion: 98 Resp: 556798
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 44.662 ug/l

RT: 12.407 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021587.D

Acq: 20 Mar 2025 17:08

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-SOIL-CUTTING

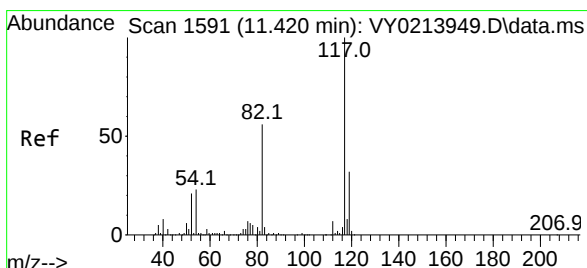
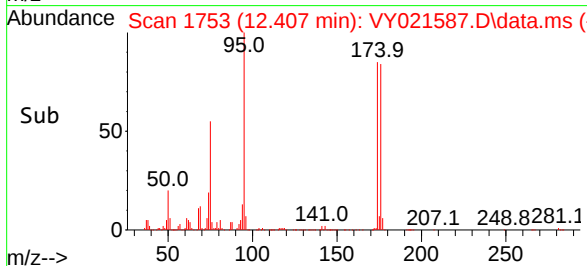
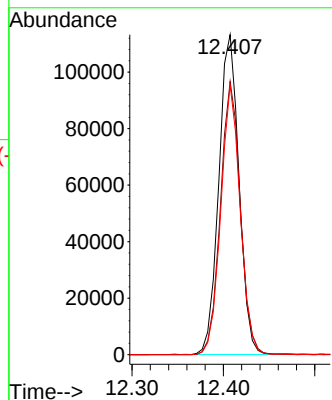
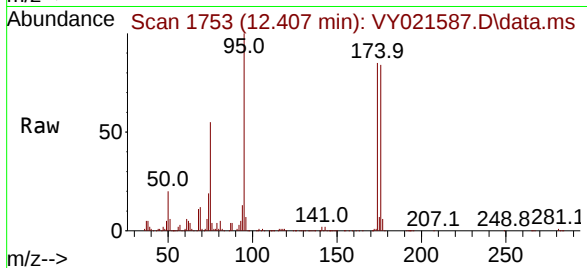
Tgt Ion: 95 Resp: 173399

Ion Ratio Lower Upper

95 100

174 84.6 0.0 165.0

176 81.2 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021587.D

Acq: 20 Mar 2025 17:08

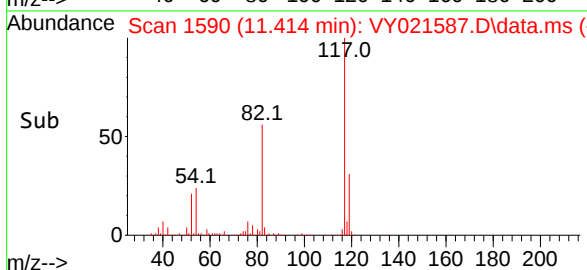
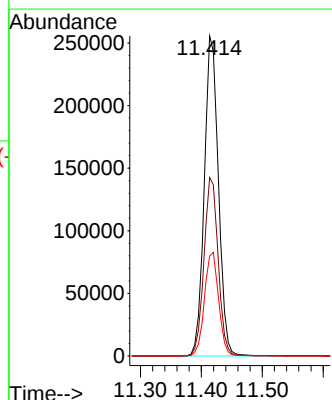
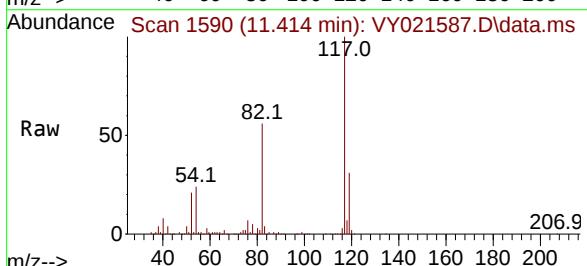
Tgt Ion: 117 Resp: 412696

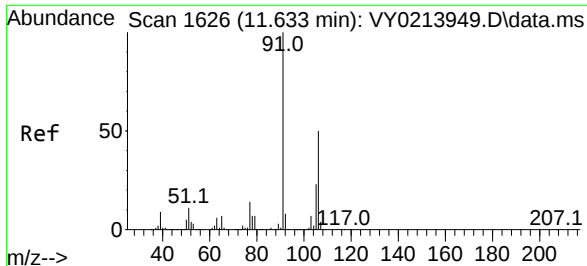
Ion Ratio Lower Upper

117 100

82 55.7 44.6 67.0

119 31.2 25.4 38.0

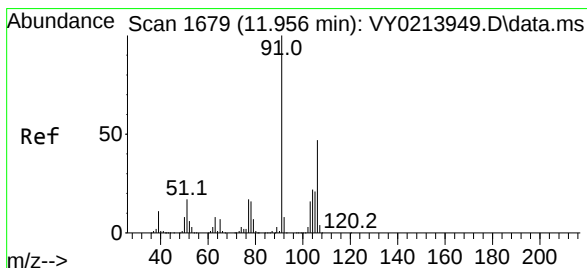
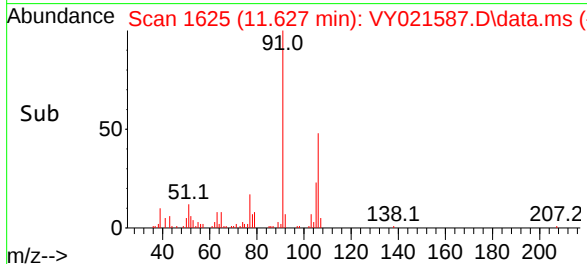
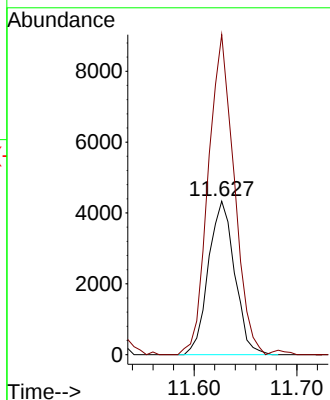
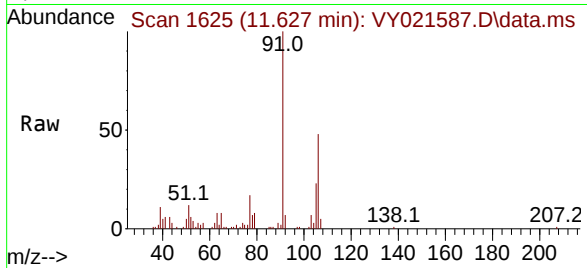




#68
m/p-Xylenes
Concen: 1.185 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY021587.D
Acq: 20 Mar 2025 17:08

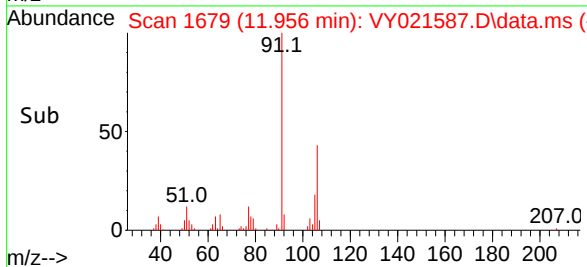
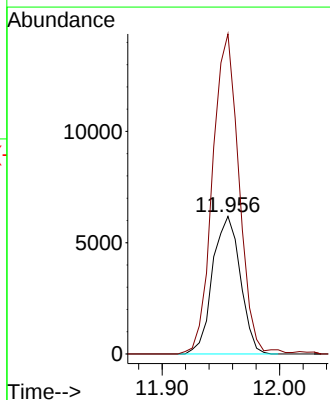
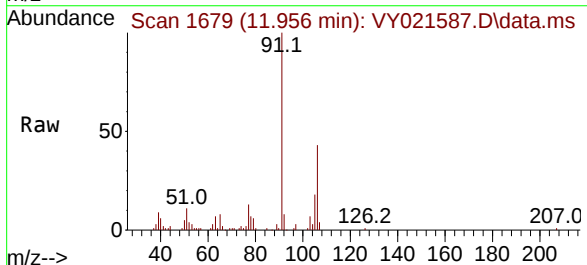
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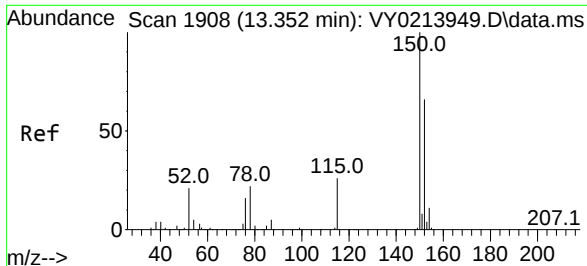
Tgt Ion:106 Resp: 7698
Ion Ratio Lower Upper
106 100
91 205.5 161.7 242.5



#69
o-Xylene
Concen: 1.692 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY021587.D
Acq: 20 Mar 2025 17:08

Tgt Ion:106 Resp: 10128
Ion Ratio Lower Upper
106 100
91 222.4 107.6 322.8

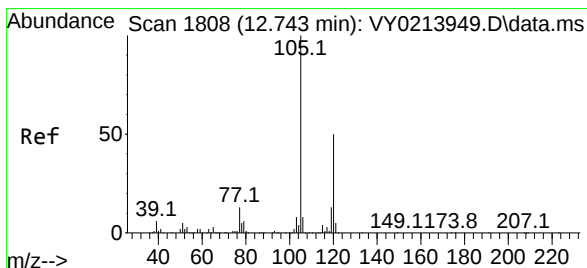
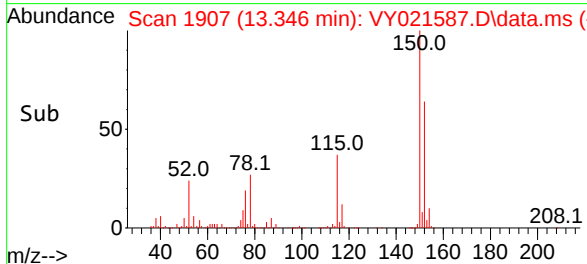
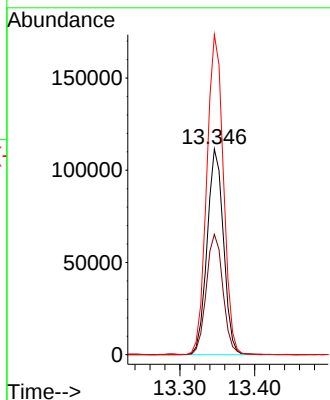
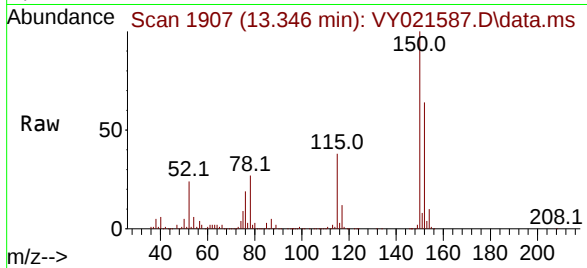




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021587.D
 Acq: 20 Mar 2025 17:08

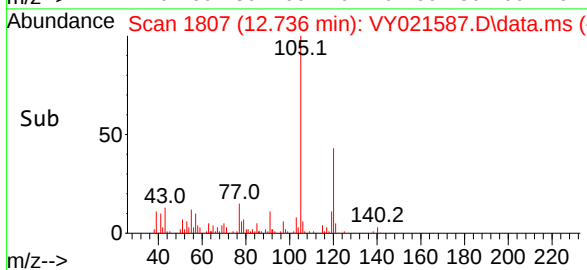
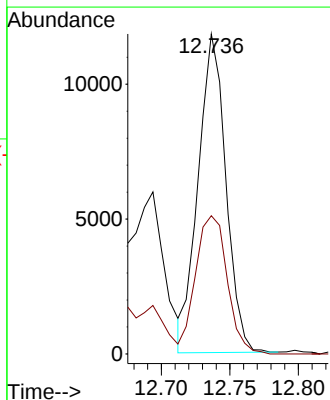
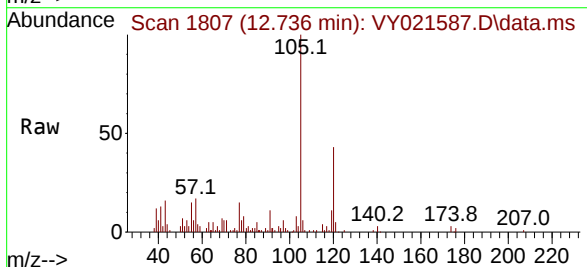
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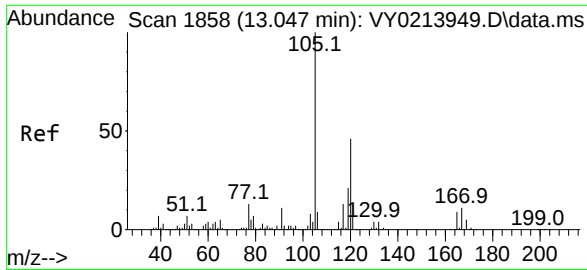
Tgt Ion:152 Resp: 169730
 Ion Ratio Lower Upper
 152 100
 115 59.6 29.0 87.0
 150 158.8 0.0 347.2



#80
 1,3,5-Trimethylbenzene
 Concen: 1.525 ug/l
 RT: 12.736 min Scan# 1807
 Delta R.T. -0.006 min
 Lab File: VY021587.D
 Acq: 20 Mar 2025 17:08

Tgt Ion:105 Resp: 16574
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 2.230 ug/l

RT: 13.041 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021587.D

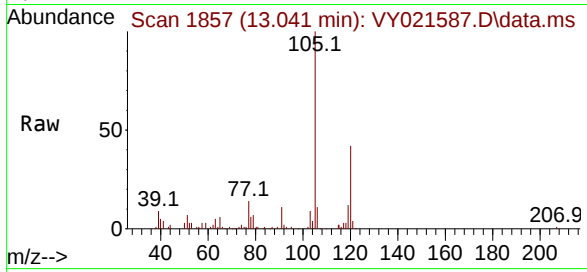
Acq: 20 Mar 2025 17:08

Instrument :

MSVOA_Y

ClientSampleId :

DRUM-SOIL-CUTTING



Tgt Ion:105 Resp: 24057

Ion Ratio Lower Upper

105 100

120 43.7 22.7 68.1

