

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015871.D
 Acq On : 06 Oct 2023 18:44
 Operator : SY/MD
 Sample : 04778-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1

Quant Time: Oct 07 07:31:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

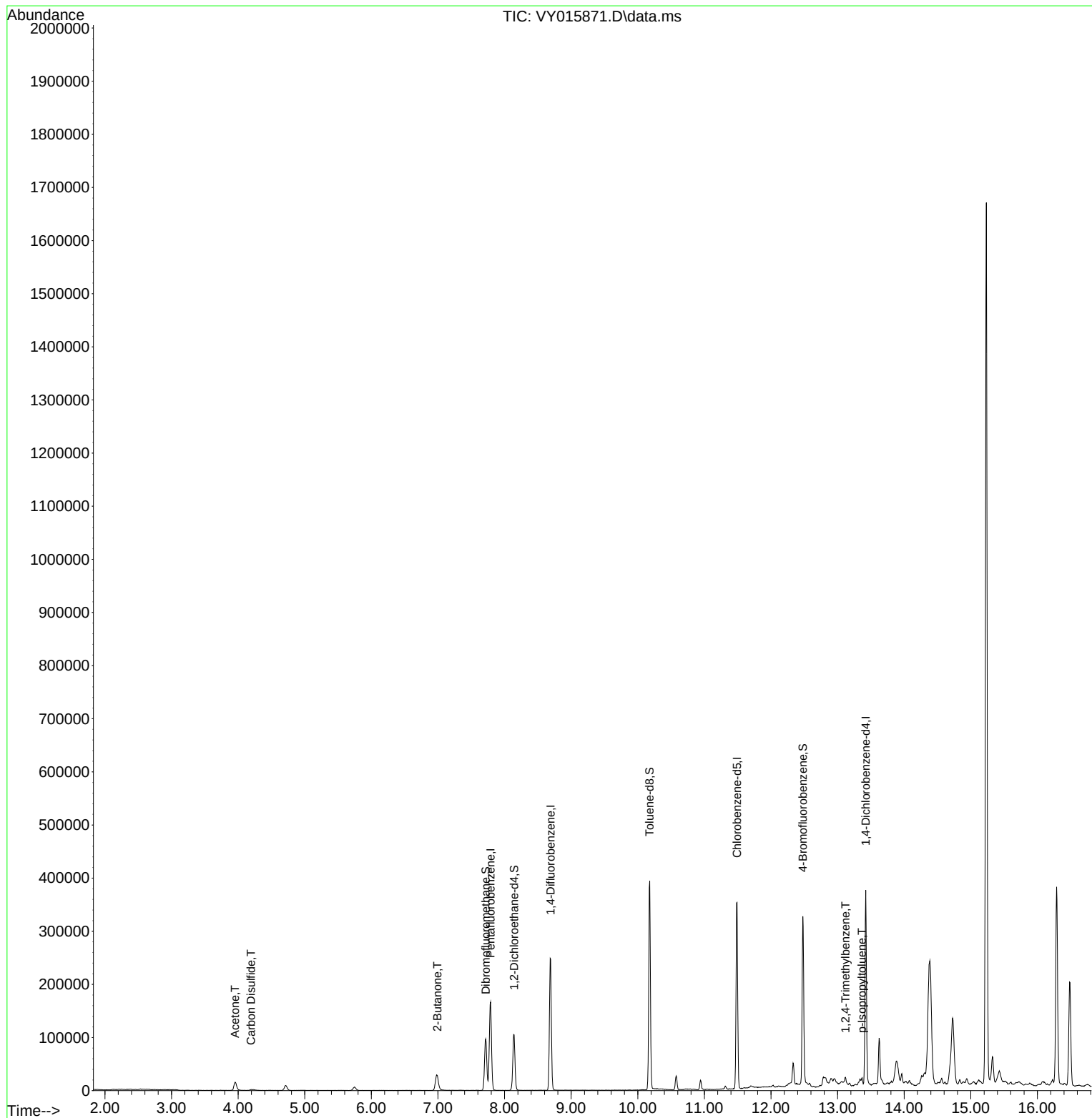
Internal Standards						
1) Pentafluorobenzene	7.789	168	132122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	218362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83160	63.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.960%	
35) Dibromofluoromethane	7.716	113	70120	56.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.680%	
50) Toluene-d8	10.179	98	261378	64.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.360%	
62) 4-Bromofluorobenzene	12.477	95	92011	55.703	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.400%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	28601	42.470	ug/l	94
17) Carbon Disulfide	4.192	76	2492	4.694	ug/l #	94
25) 2-Butanone	6.990	43	9526	10.283	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	5700	1.136	ug/l	98
86) p-Isopropyltoluene	13.367	119	7888	1.414	ug/l	94

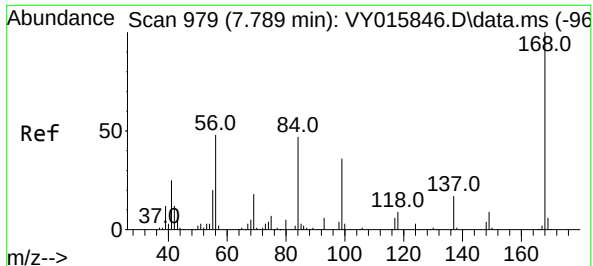
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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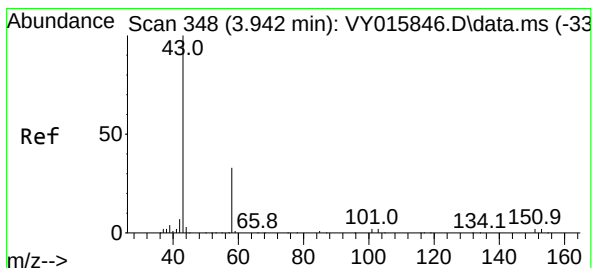
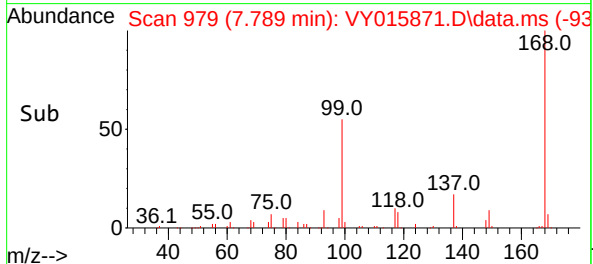
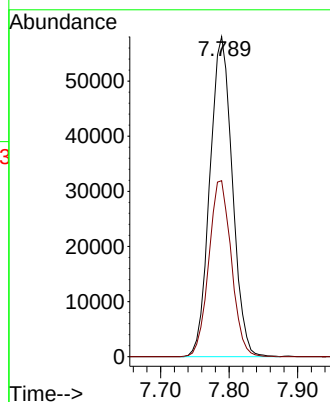
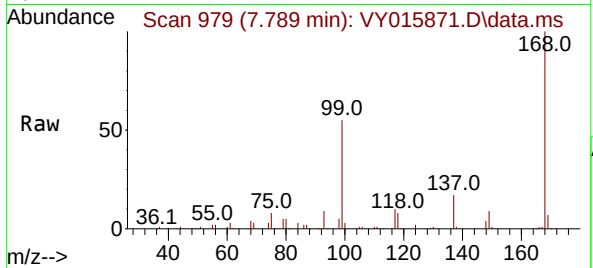




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015871.D
Acq: 06 Oct 2023 18:44

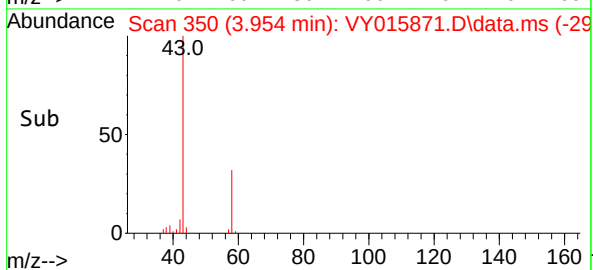
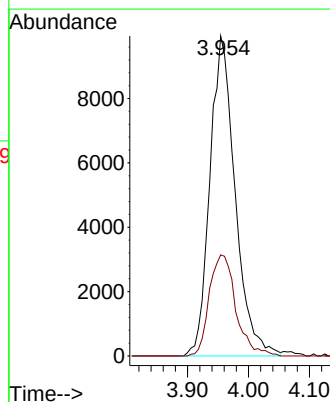
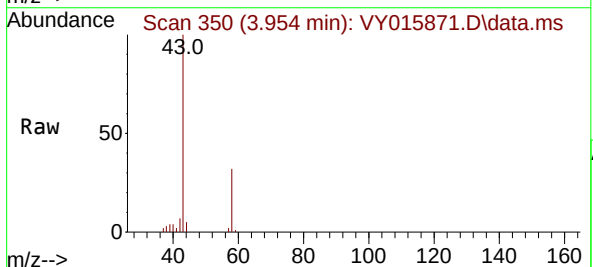
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

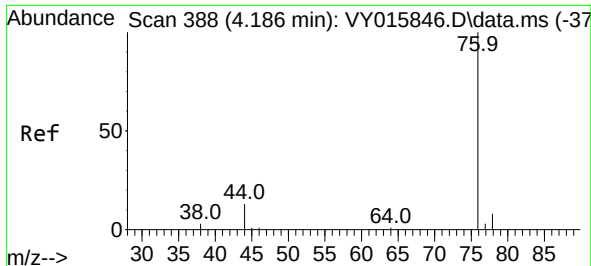
Tgt Ion:168 Resp: 132122
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#16
Acetone
Concen: 42.470 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015871.D
Acq: 06 Oct 2023 18:44

Tgt Ion: 43 Resp: 28601
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1

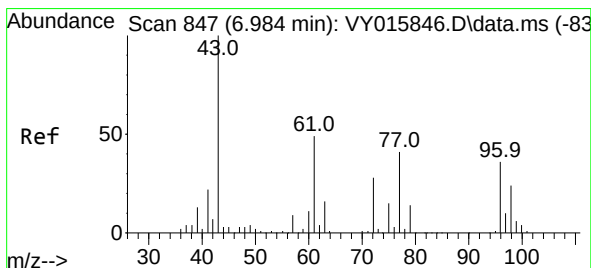
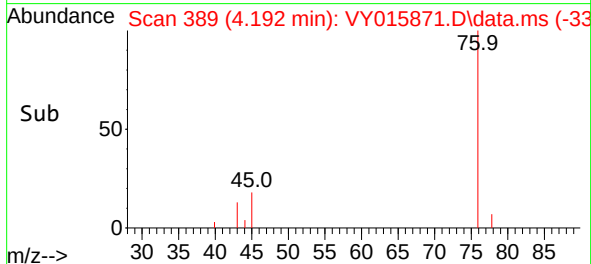
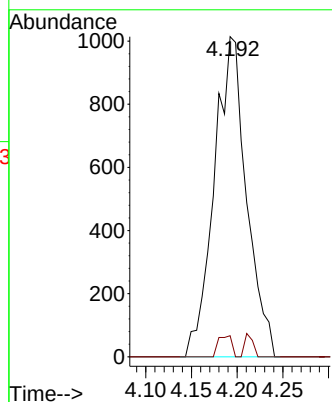
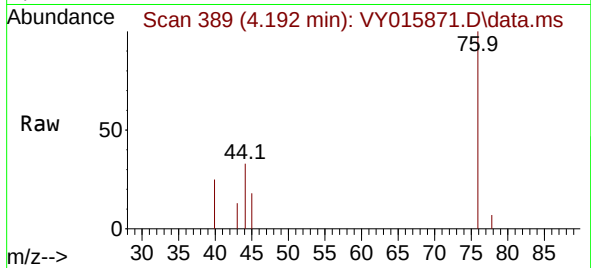




#17
Carbon Disulfide
Concen: 4.694 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015871.D
Acq: 06 Oct 2023 18:44

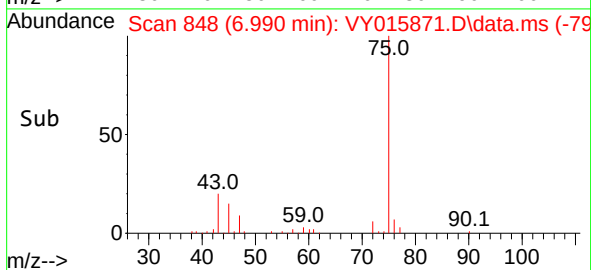
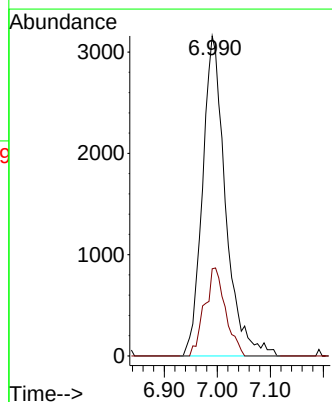
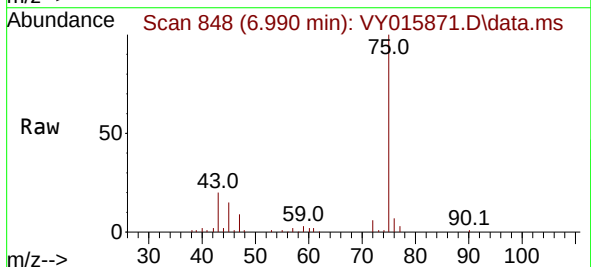
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

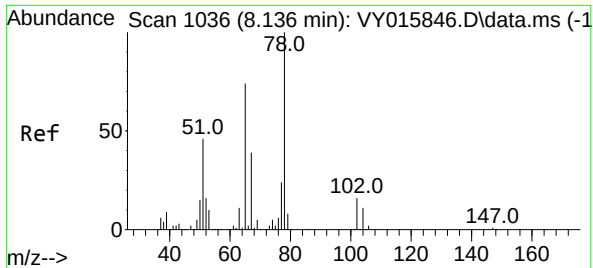
Tgt Ion: 76 Resp: 2492
Ion Ratio Lower Upper
76 100
78 6.6 7.0 10.4#



#25
2-Butanone
Concen: 10.283 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY015871.D
Acq: 06 Oct 2023 18:44

Tgt Ion: 43 Resp: 9526
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7

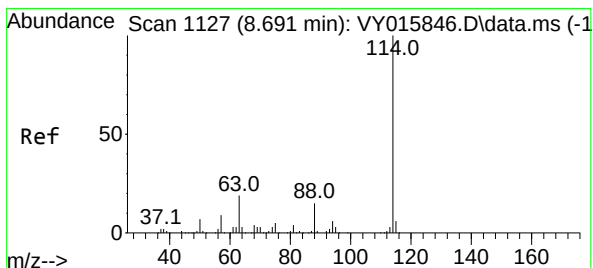
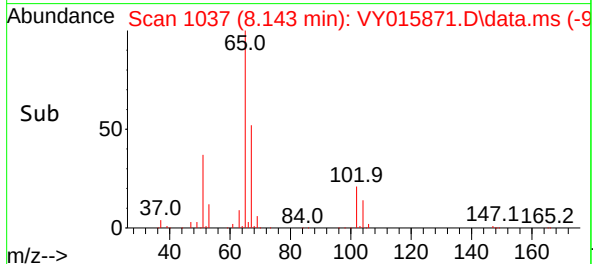
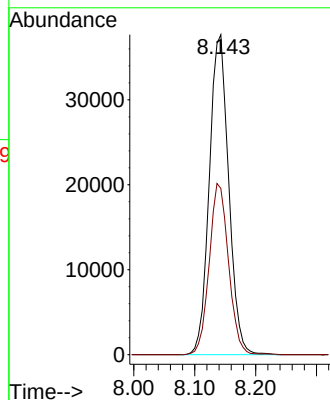
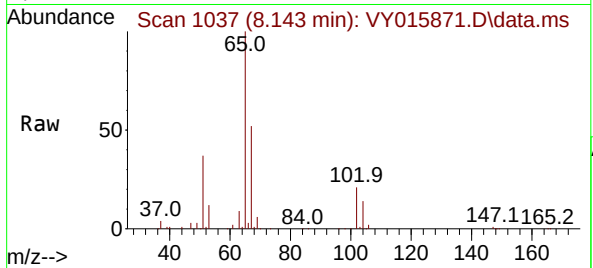




#33
 1,2-Dichloroethane-d4
 Concen: 63.976 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY015871.D
 Acq: 06 Oct 2023 18:44

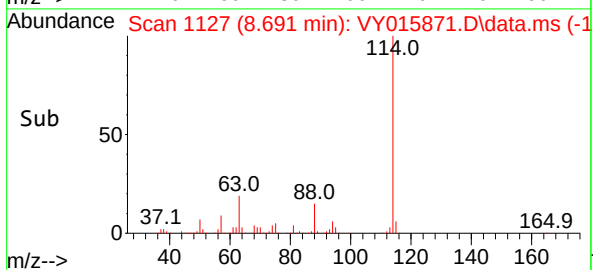
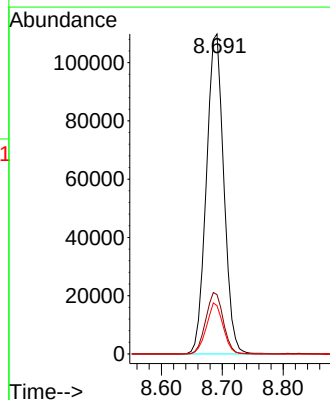
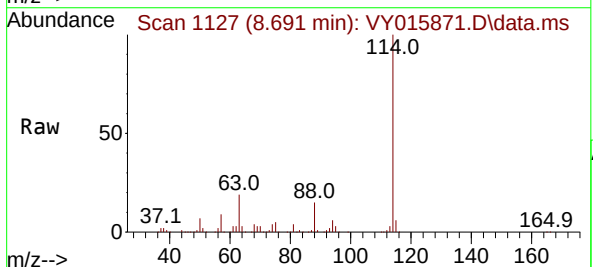
Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1

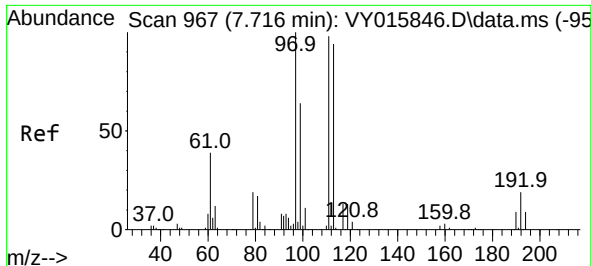
Tgt Ion: 65 Resp: 83160
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY015871.D
 Acq: 06 Oct 2023 18:44

Tgt Ion: 114 Resp: 218362
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.4
 88 15.1 0.0 30.6

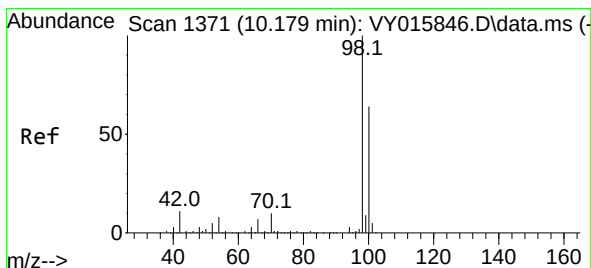
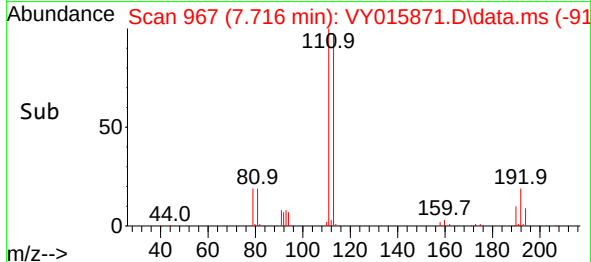
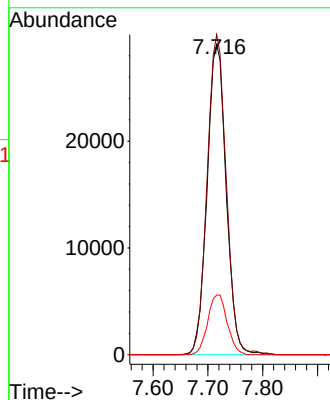
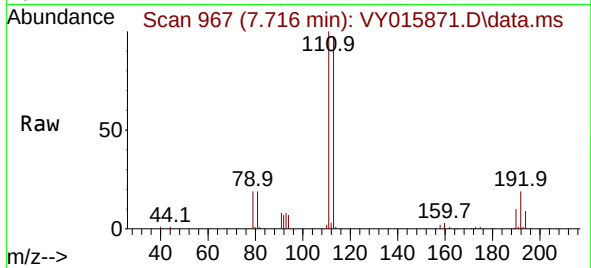




#35
Dibromofluoromethane
Concen: 56.336 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015871.D
Acq: 06 Oct 2023 18:44

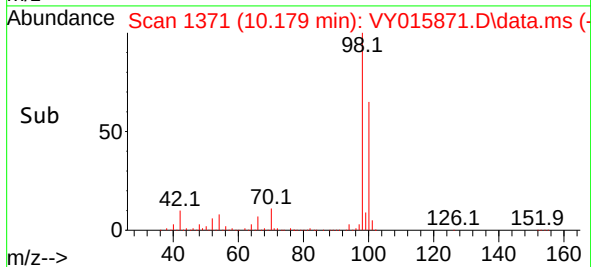
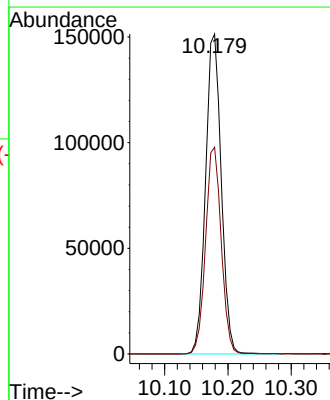
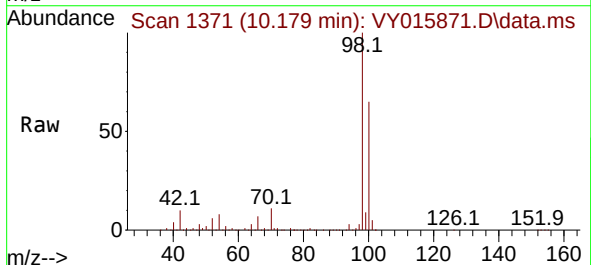
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

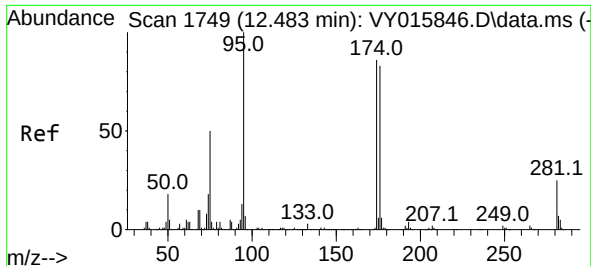
Tgt Ion:113 Resp: 70120
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 64.680 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015871.D
Acq: 06 Oct 2023 18:44

Tgt Ion: 98 Resp: 261378
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 55.703 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015871.D

Acq: 06 Oct 2023 18:44

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1

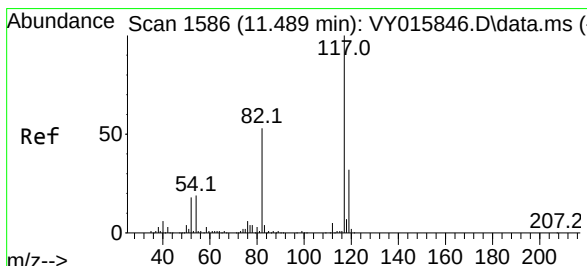
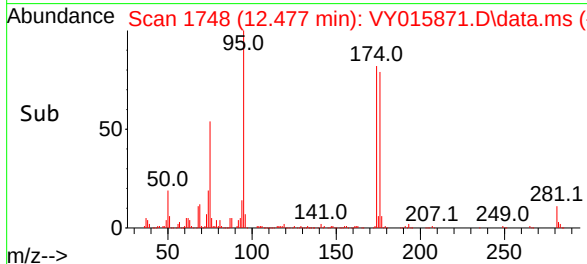
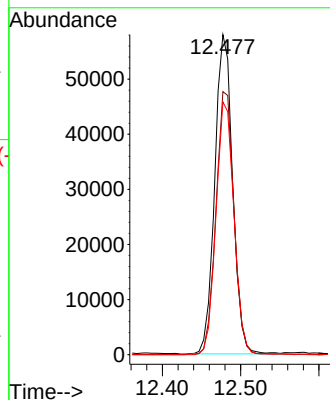
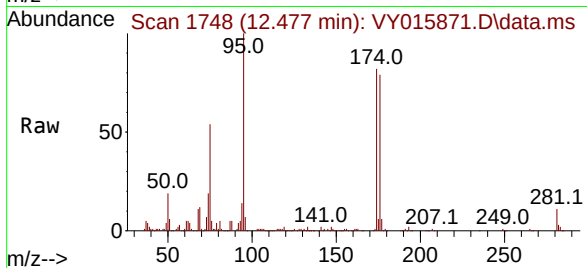
Tgt Ion: 95 Resp: 92011

Ion Ratio Lower Upper

95 100

174 83.4 0.0 178.2

176 79.5 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY015871.D

Acq: 06 Oct 2023 18:44

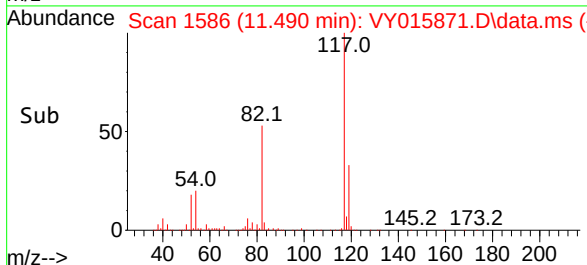
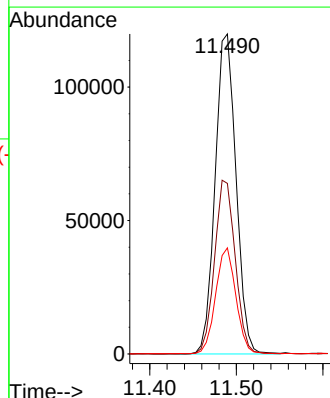
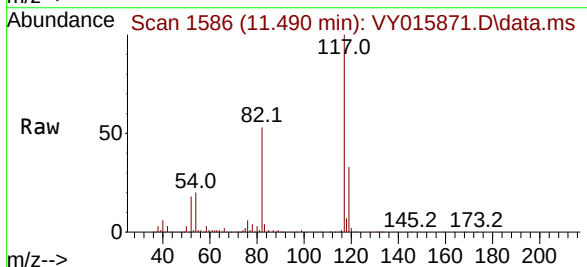
Tgt Ion: 117 Resp: 201055

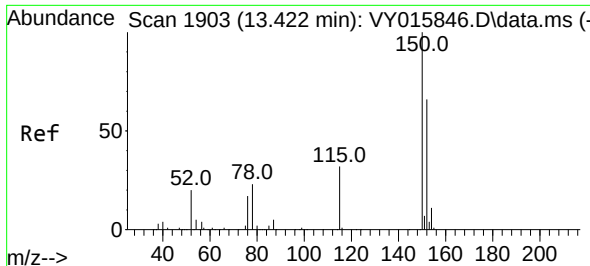
Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 33.0 26.3 39.5

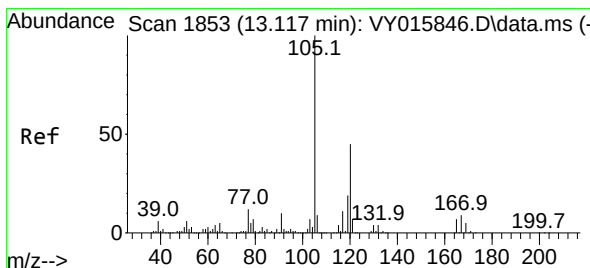
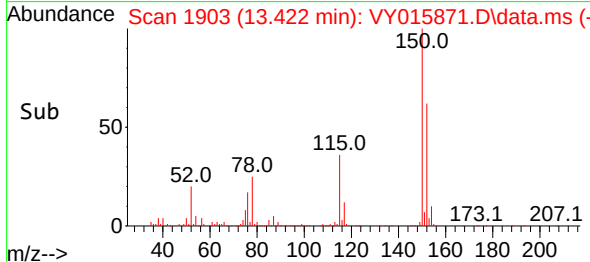
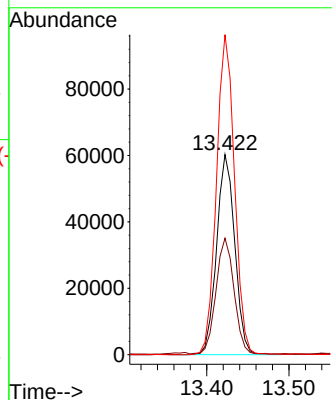
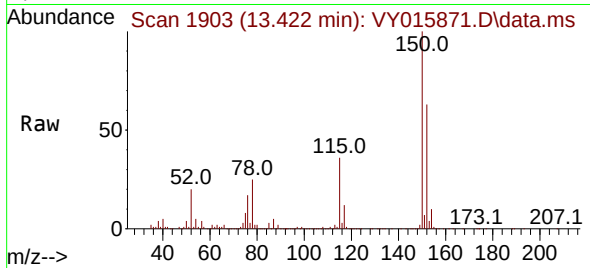




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015871.D
 Acq: 06 Oct 2023 18:44

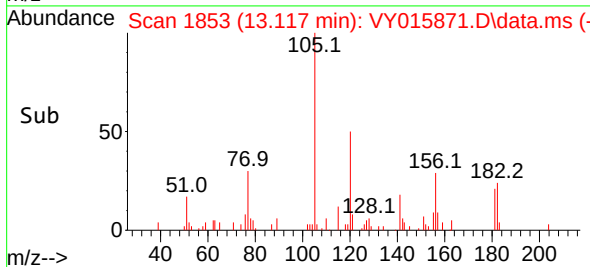
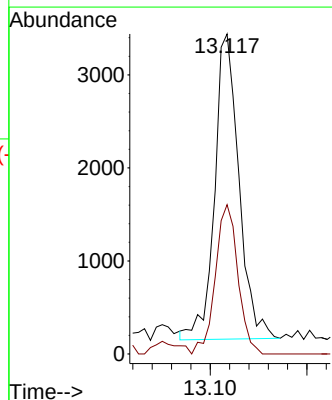
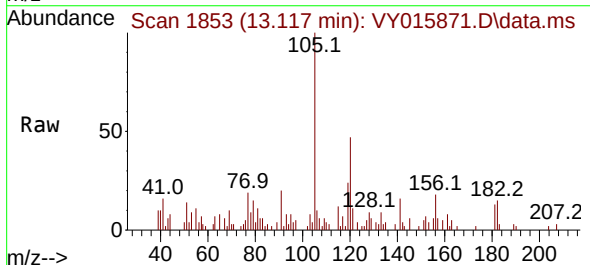
Instrument :
 MSVOA_Y
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 SOIL-1

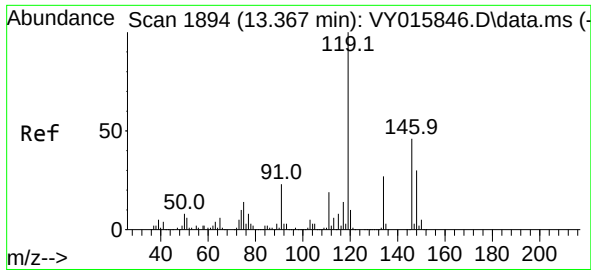
Tgt Ion:152 Resp: 92548
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.8 86.5
 150 158.6 0.0 348.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.136 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015871.D
 Acq: 06 Oct 2023 18:44

Tgt Ion:105 Resp: 5700
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.2 66.6





#86

p-Isopropyltoluene

Concen: 1.414 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015871.D

Acq: 06 Oct 2023 18:44

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1

Tgt Ion:119 Resp: 7888

Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.8

91 30.5 12.4 37.4

