

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015873.D
 Acq On : 06 Oct 2023 19:32
 Operator : SY/MD
 Sample : 04778-07
 Misc : 4.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3

Quant Time: Oct 07 07:32:09 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)

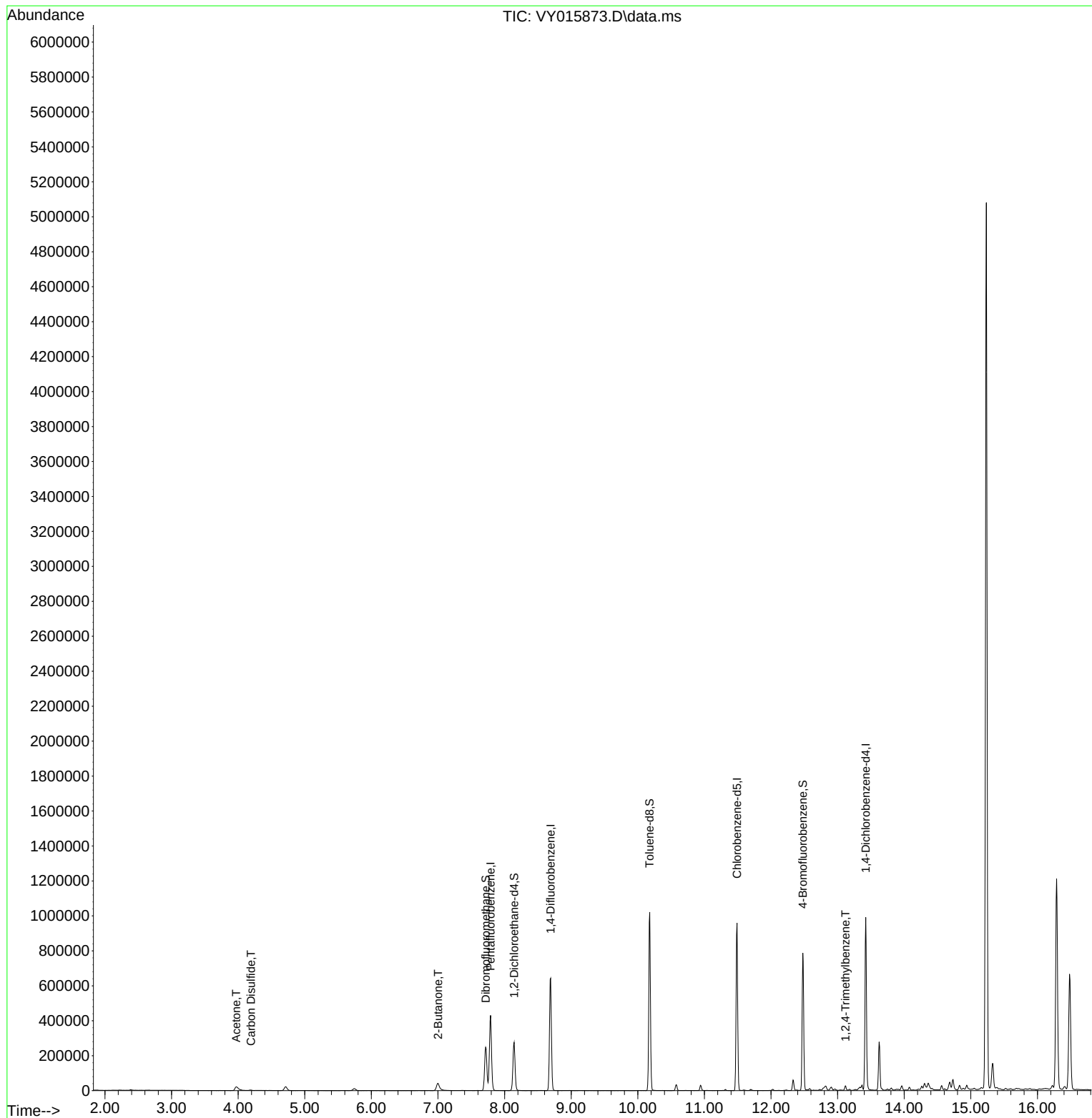
Internal Standards						
1) Pentafluorobenzene	7.789	168	327245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	566744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	525206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	253742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	213520	66.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.640%	
35) Dibromofluoromethane	7.716	113	180619	55.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.820%	
50) Toluene-d8	10.179	98	667940	63.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.360%	
62) 4-Bromofluorobenzene	12.477	95	237695	55.444	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	55658	33.368	ug/l	91
17) Carbon Disulfide	4.192	76	6049	4.658	ug/l	100
25) 2-Butanone	7.002	43	19917	8.681	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	13854	1.007	ug/l	99

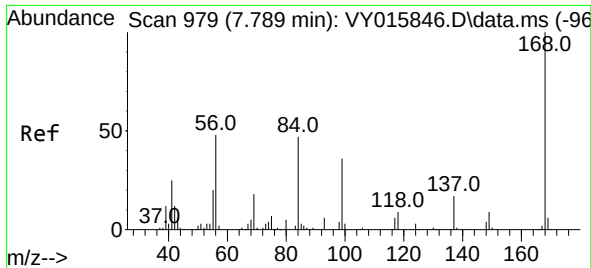
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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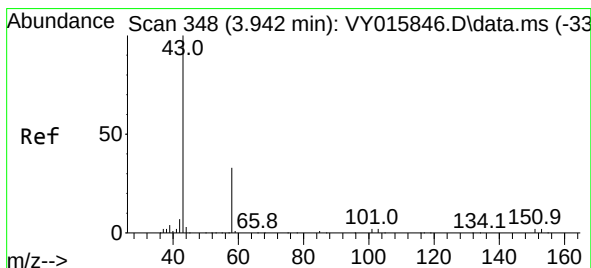
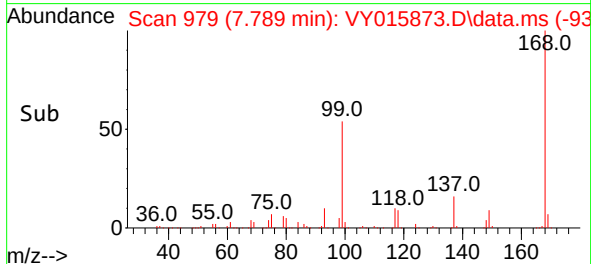
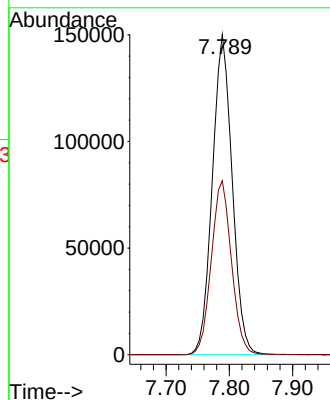
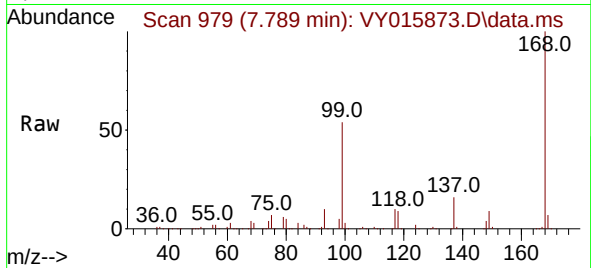




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015873.D
Acq: 06 Oct 2023 19:32

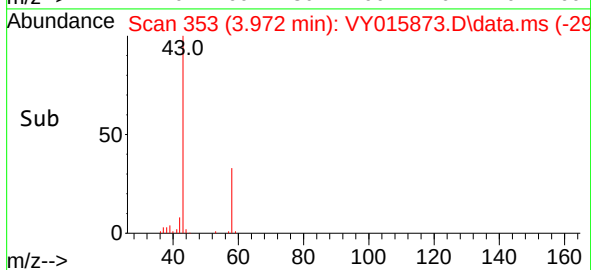
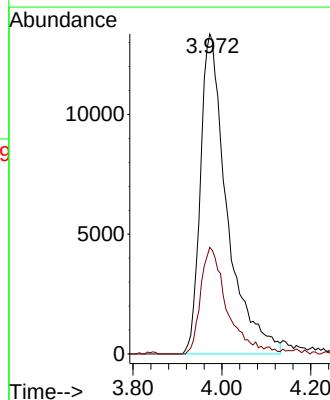
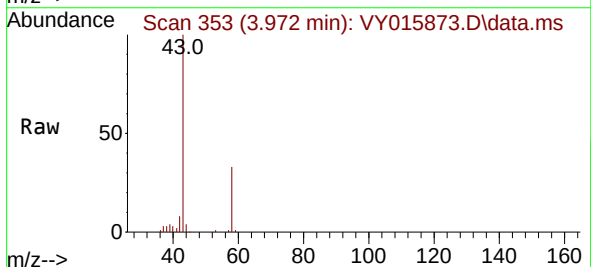
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

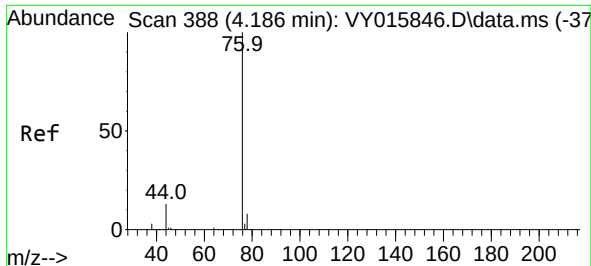
Tgt Ion:168 Resp: 327245
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#16
Acetone
Concen: 33.368 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015873.D
Acq: 06 Oct 2023 19:32

Tgt Ion: 43 Resp: 55658
Ion Ratio Lower Upper
43 100
58 33.3 22.7 34.1

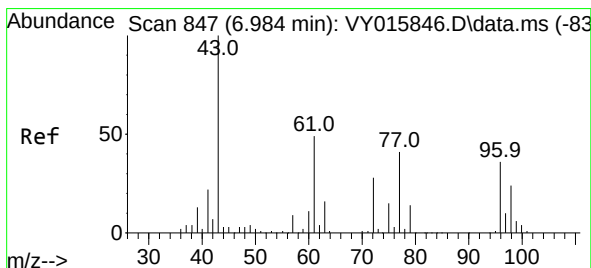
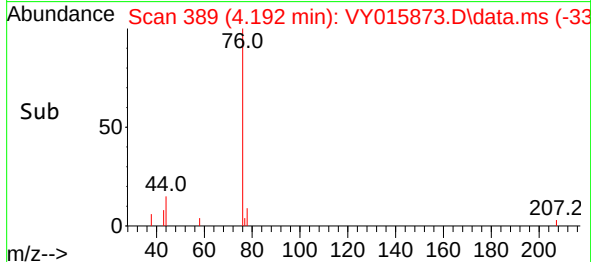
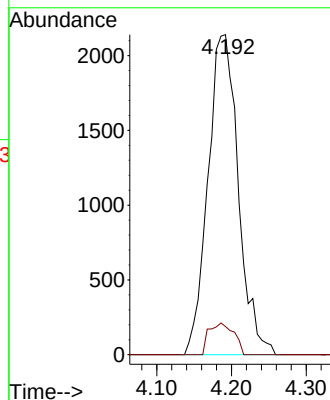
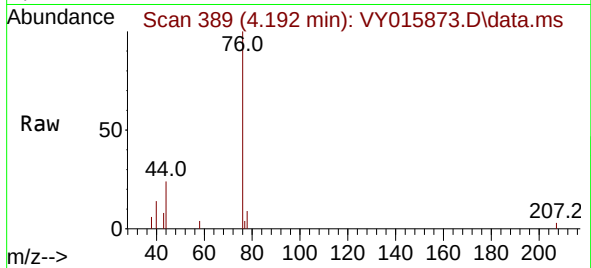




#17
Carbon Disulfide
Concen: 4.658 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015873.D
Acq: 06 Oct 2023 19:32

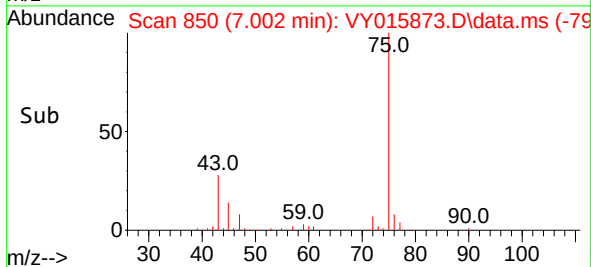
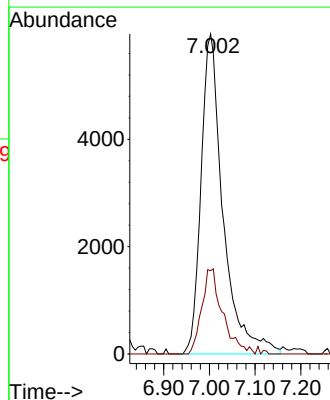
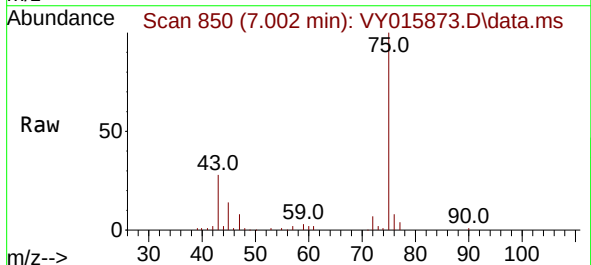
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

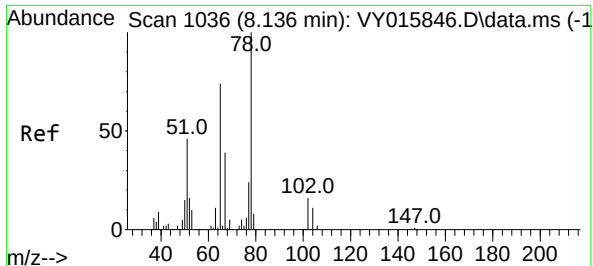
Tgt Ion: 76 Resp: 6049
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#25
2-Butanone
Concen: 8.681 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.018 min
Lab File: VY015873.D
Acq: 06 Oct 2023 19:32

Tgt Ion: 43 Resp: 19917
Ion Ratio Lower Upper
43 100
72 26.0 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 66.320 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015873.D

Acq: 06 Oct 2023 19:32

Instrument :

MSVOA_Y

ClientSampleId :

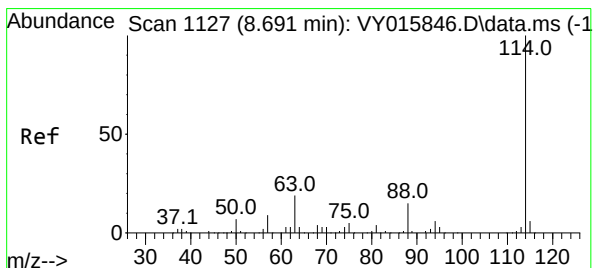
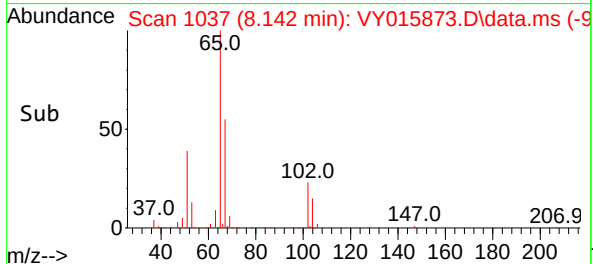
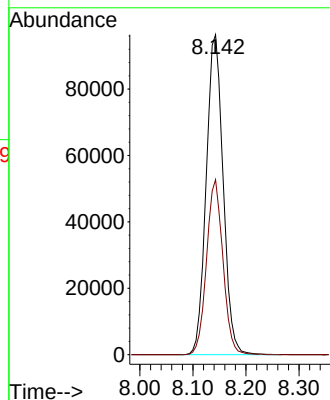
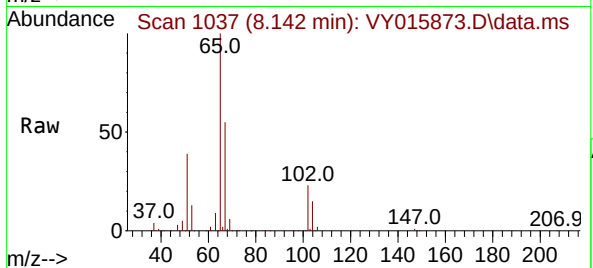
SOIL-3

Tgt Ion: 65 Resp: 213520

Ion Ratio Lower Upper

65 100

67 52.9 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: VY015873.D

Acq: 06 Oct 2023 19:32

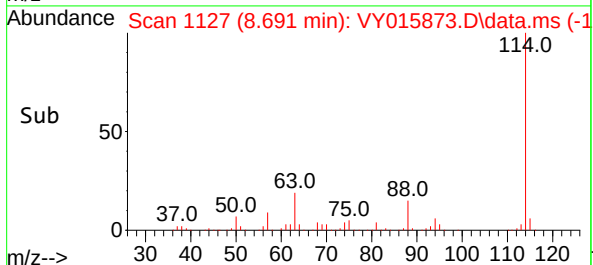
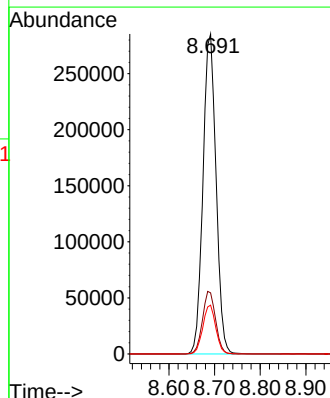
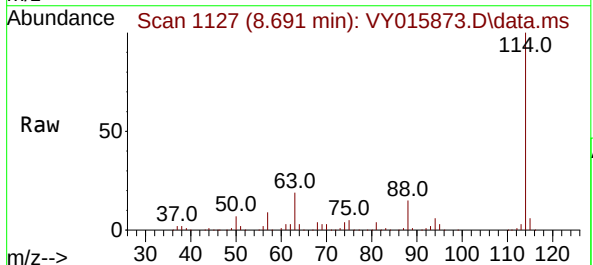
Tgt Ion: 114 Resp: 566744

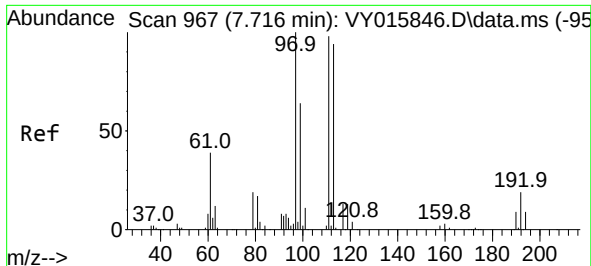
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.3 0.0 30.6

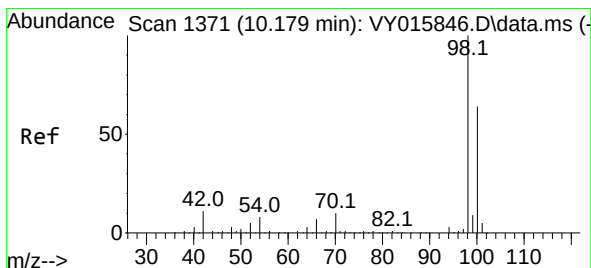
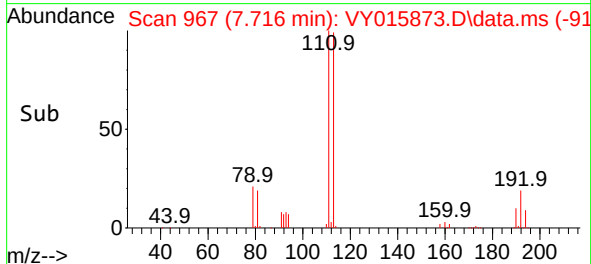
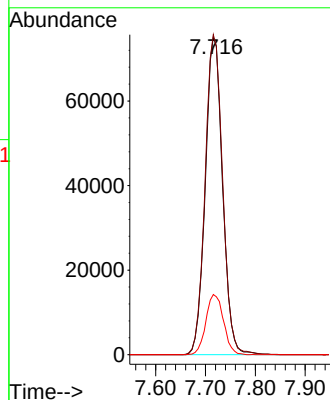
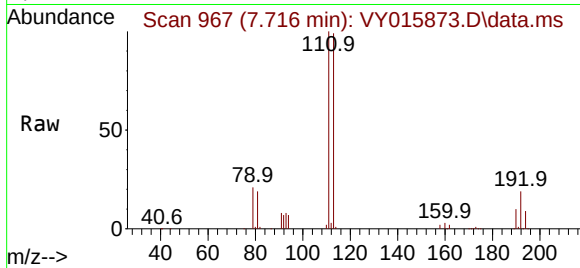




#35
Dibromofluoromethane
Concen: 55.911 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015873.D
Acq: 06 Oct 2023 19:32

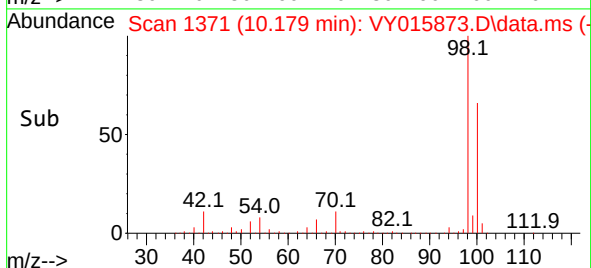
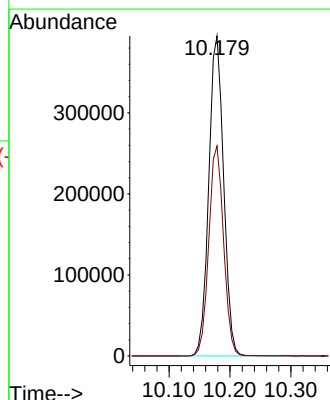
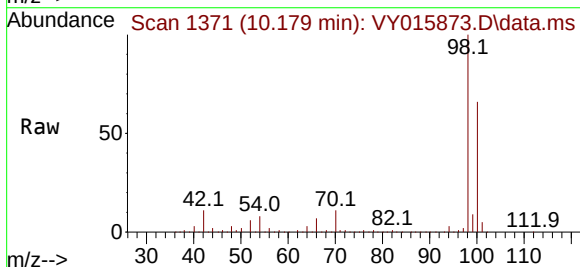
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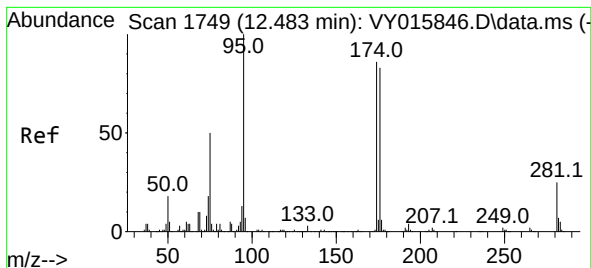
Tgt Ion:113 Resp: 180619
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 63.684 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015873.D
Acq: 06 Oct 2023 19:32

Tgt Ion: 98 Resp: 667940
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

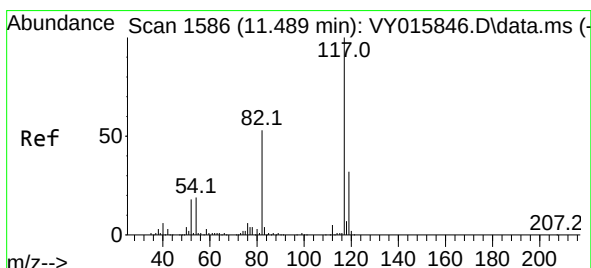
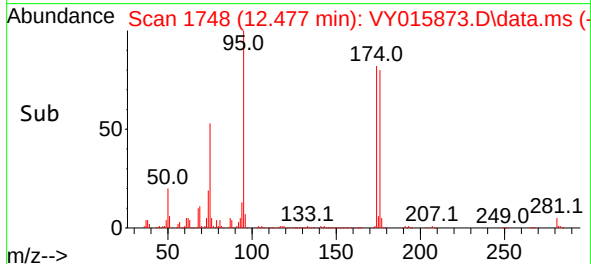
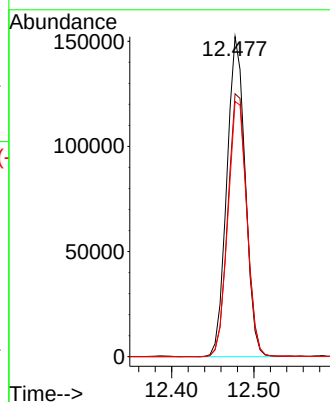
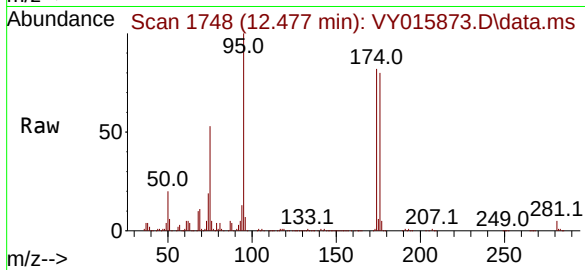




#62
4-Bromofluorobenzene
Concen: 55.444 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015873.D
Acq: 06 Oct 2023 19:32

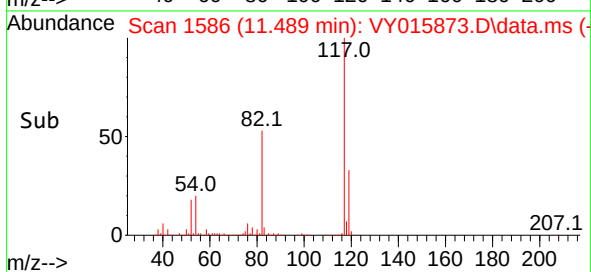
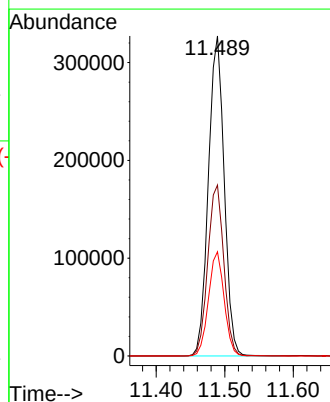
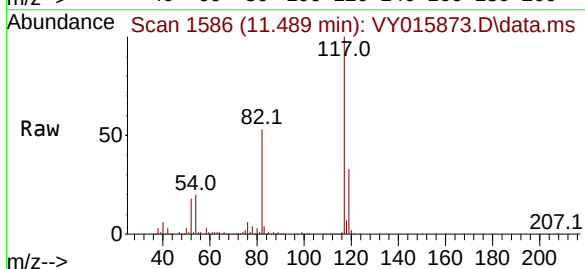
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-3

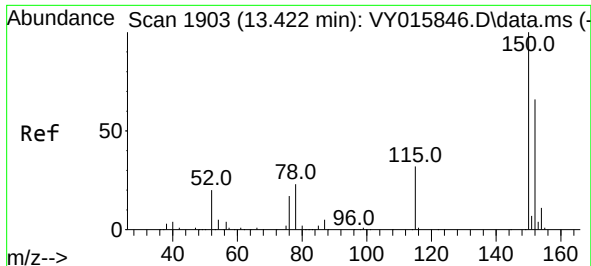
Tgt Ion: 95 Resp: 237695
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015873.D
Acq: 06 Oct 2023 19:32

Tgt Ion: 117 Resp: 525206
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.6 26.3 39.5

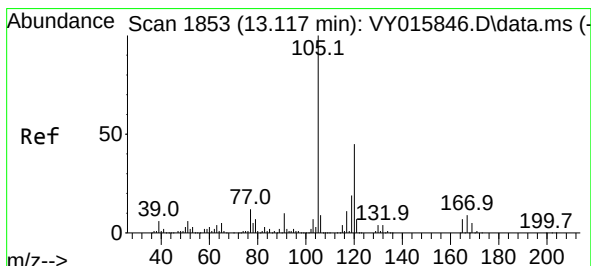
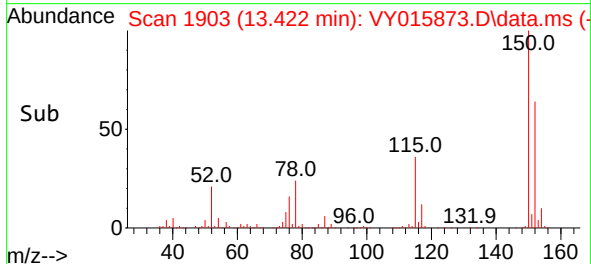
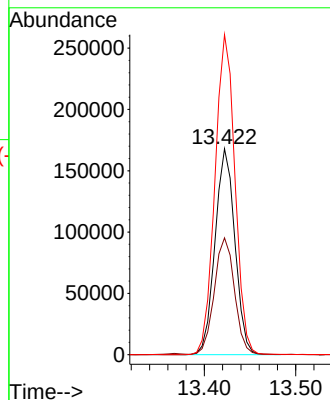
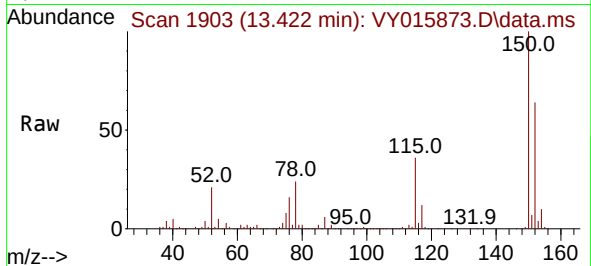




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015873.D
 Acq: 06 Oct 2023 19:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-3

Tgt Ion:152 Resp: 253742
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.8 86.5
 150 156.6 0.0 348.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.007 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY015873.D
 Acq: 06 Oct 2023 19:32

Tgt Ion:105 Resp: 13854
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.2 66.6

