

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010496.D
 Acq On : 14 Sep 2022 19:54
 Operator : KP/MD
 Sample : N4600-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OH-SOIL-0913

Quant Time: Sep 15 01:12:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

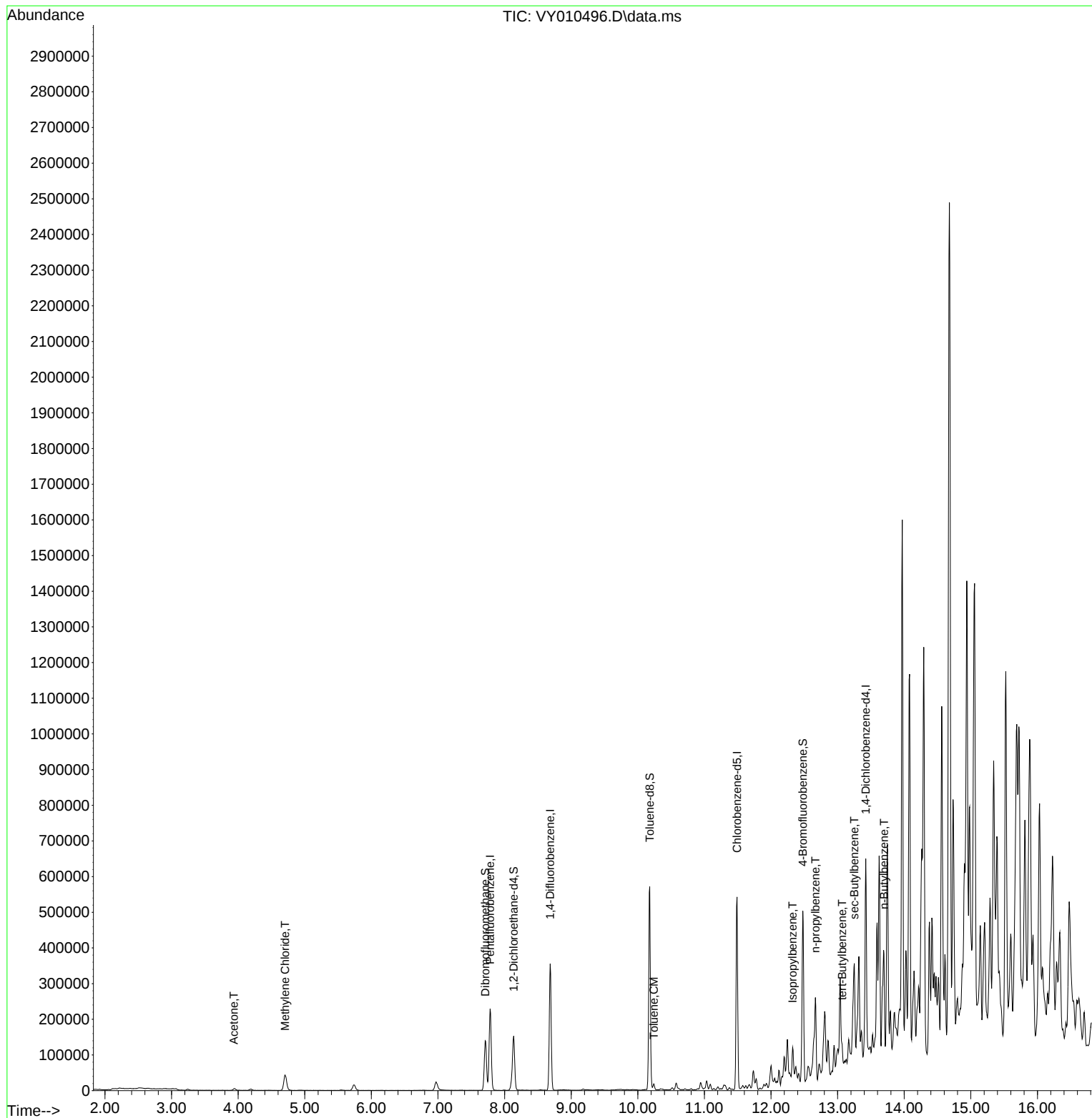
Internal Standards						
1) Pentafluorobenzene	7.783	168	177448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	308392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109660	61.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.720%	
35) Dibromofluoromethane	7.710	113	99093	45.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.480%	
50) Toluene-d8	10.179	98	373758	52.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.477	95	142333	50.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.340%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	8827	21.522	ug/l #	85
20) Methylene Chloride	4.704	84	33742	11.731	ug/l #	85
52) Toluene	10.240	92	6483	1.148	ug/l	93
73) Isopropylbenzene	12.325	105	58517	4.907	ug/l	100
78) n-propylbenzene	12.666	91	169745	12.021	ug/l	99
83) tert-Butylbenzene	13.068	119	14807	1.684	ug/l	98
85) sec-Butylbenzene	13.251	105	145881	11.203	ug/l #	72
89) n-Butylbenzene	13.696	91	173219	17.325	ug/l #	86

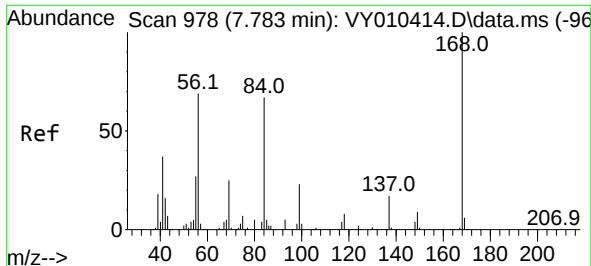
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
Data File : VY010496.D
Acq On : 14 Sep 2022 19:54
Operator : KP/MD
Sample : N4600-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OH-SOIL-0913

Quant Time: Sep 15 01:12:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 09 17:08:30 2022
Response via : Initial Calibration

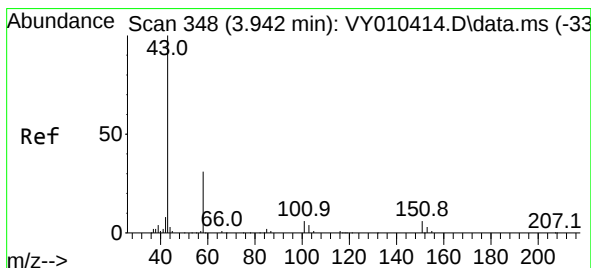
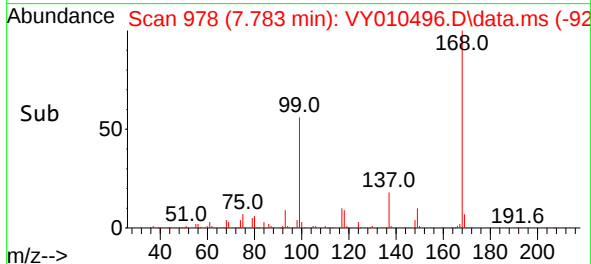
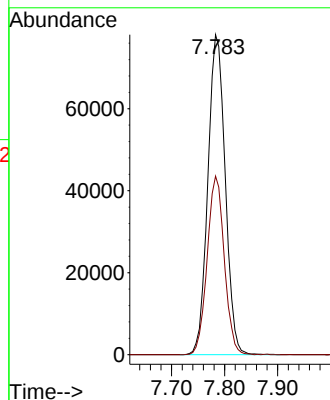
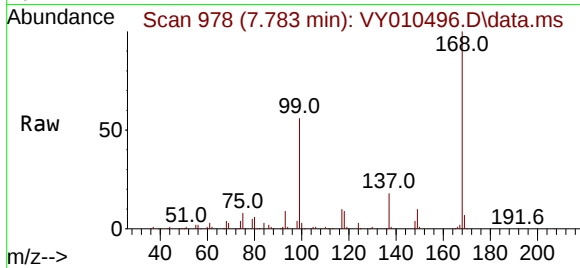




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

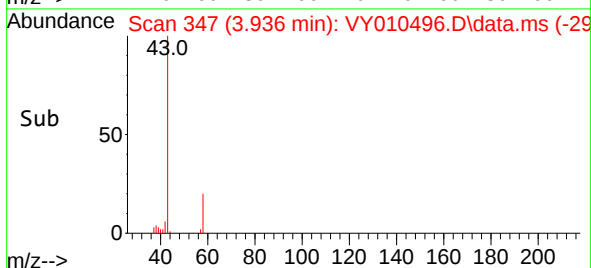
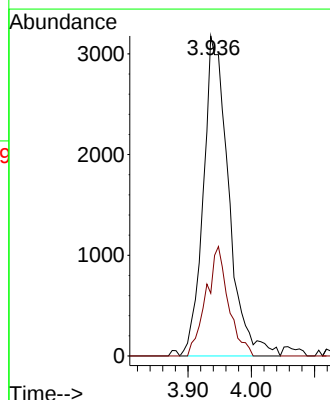
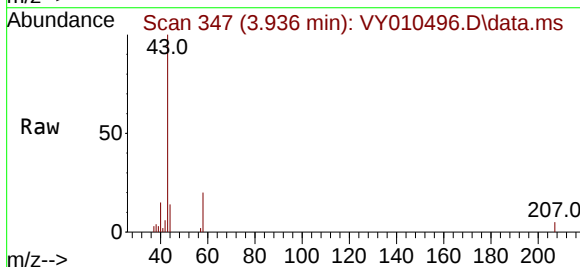
Instrument :
MSVOA_Y
ClientSampleId :
OH-SOIL-0913

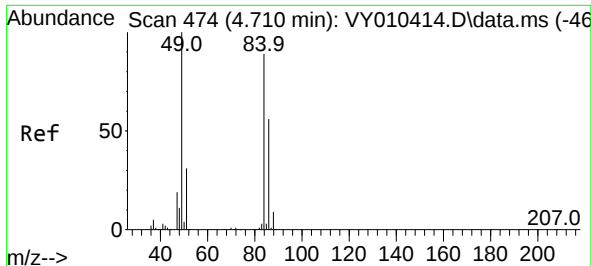
Tgt Ion:168 Resp: 177448
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#16
Acetone
Concen: 21.522 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

Tgt Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
58 19.6 22.0 33.0#

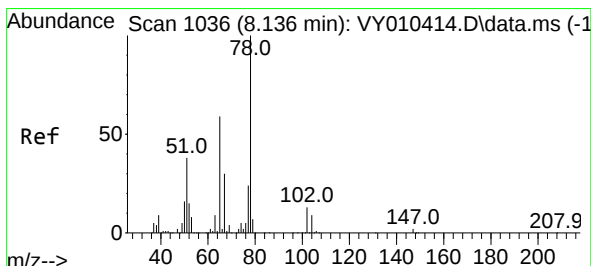
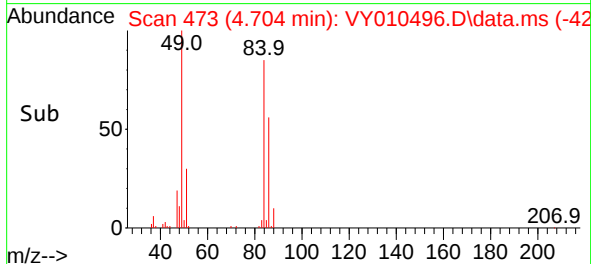
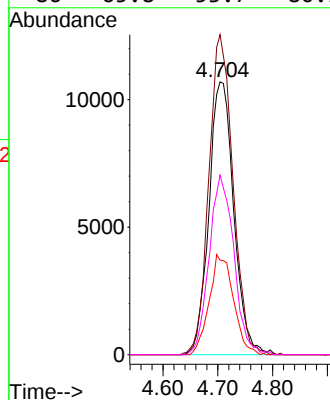
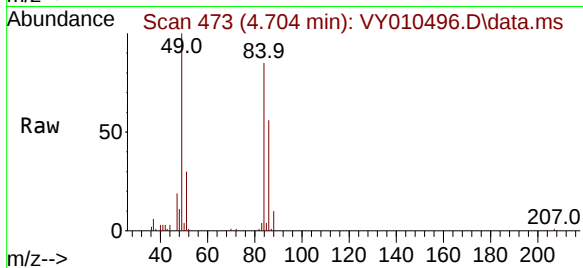




#20
Methylene Chloride
Concen: 11.731 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

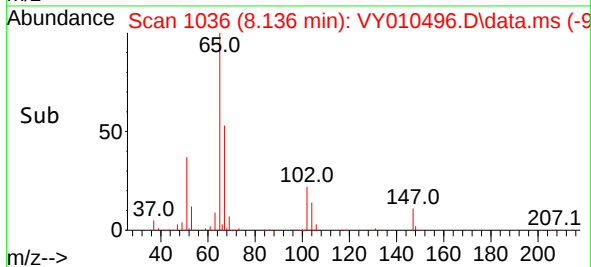
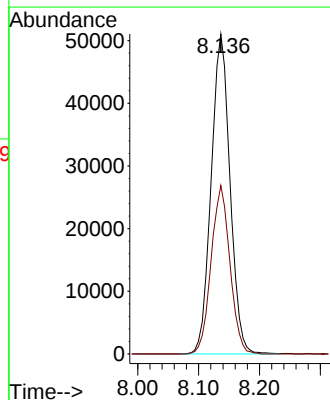
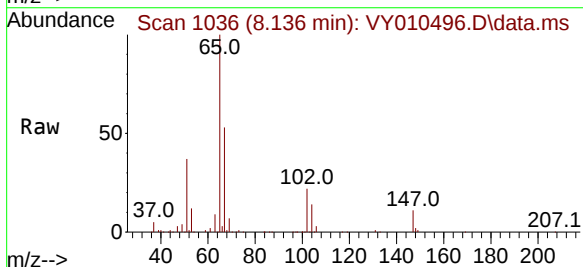
Instrument :
MSVOA_Y
ClientSampleId :
OH-SOIL-0913

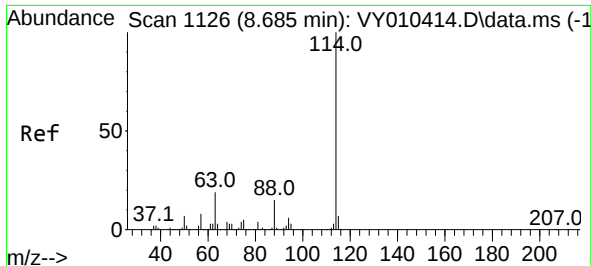
Tgt Ion:	84	Resp:	33742
Ion	Ratio	Lower	Upper
84	100		
49	117.3	114.4	171.6
51	34.7	35.3	52.9#
86	65.8	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 61.359 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

Tgt Ion:	65	Resp:	109660
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	99.4

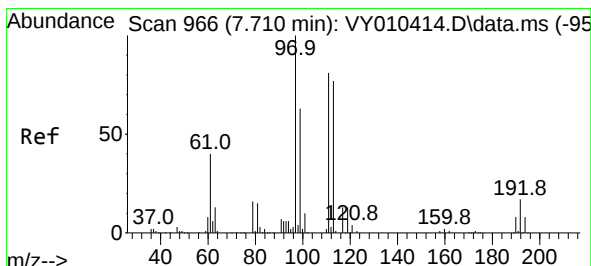
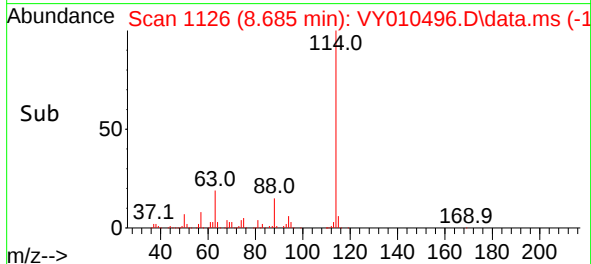
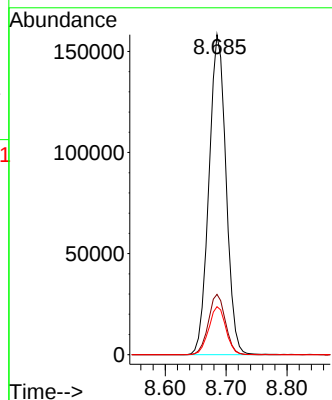
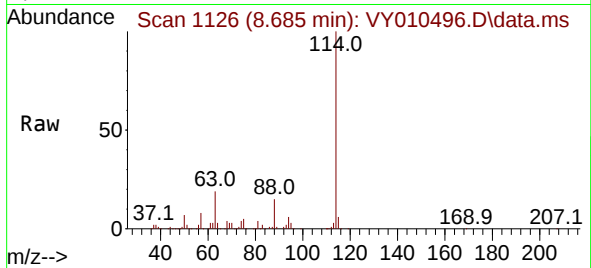




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

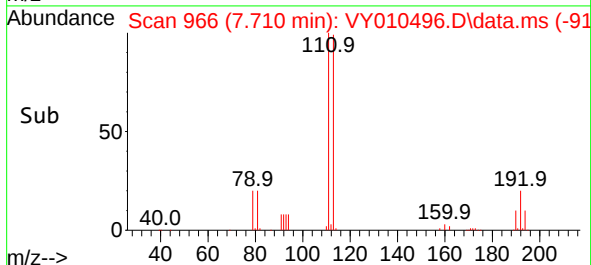
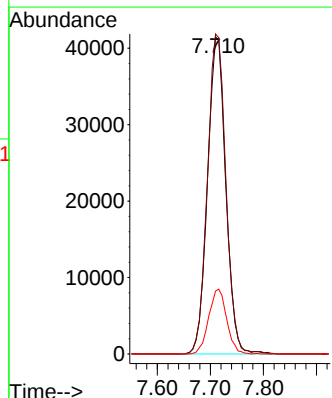
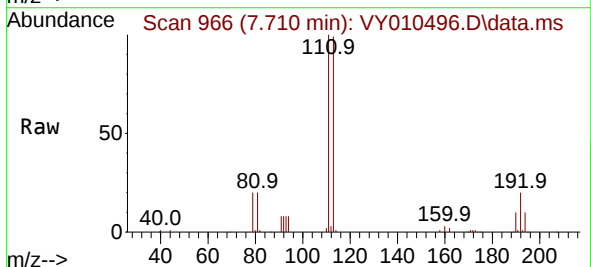
Instrument :
MSVOA_Y
ClientSampleId :
OH-SOIL-0913

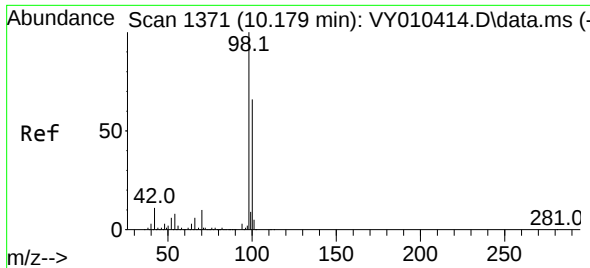
Tgt Ion:114 Resp: 308392
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.243 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

Tgt Ion:113 Resp: 99093
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.1 17.6 26.4

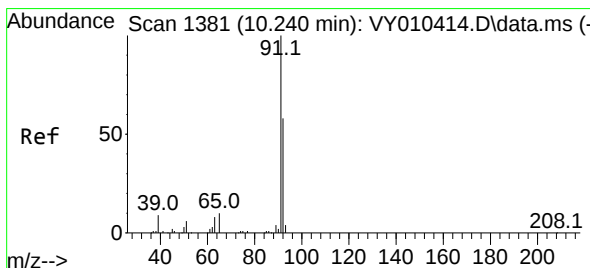
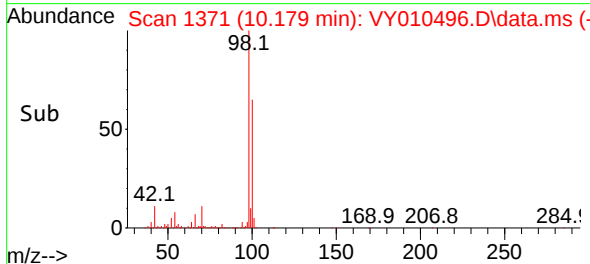
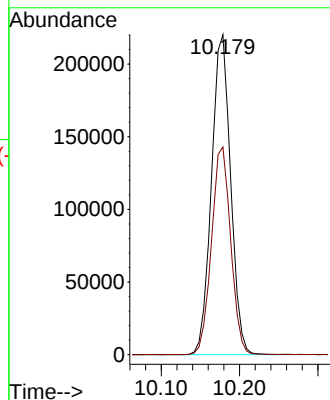
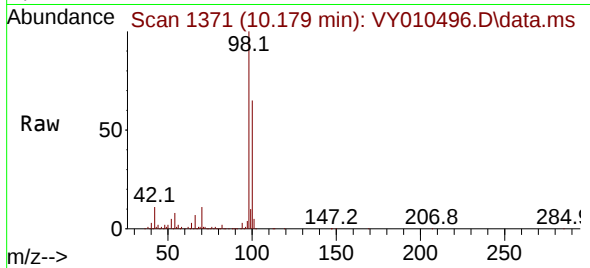




#50
Toluene-d8
Concen: 52.654 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

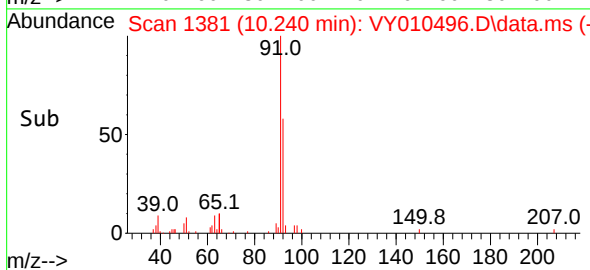
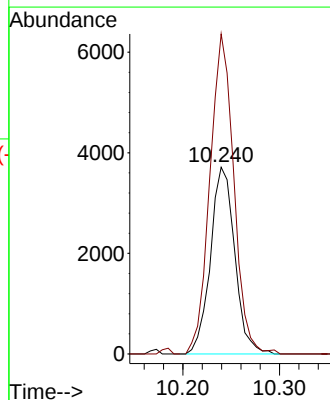
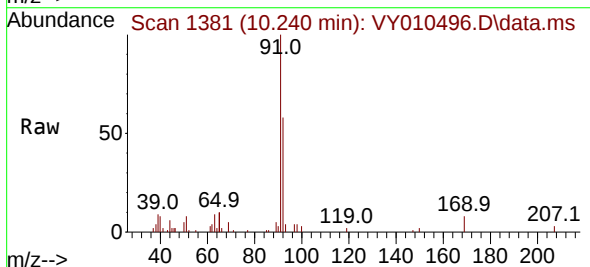
Instrument :
MSVOA_Y
ClientSampleId :
OH-SOIL-0913

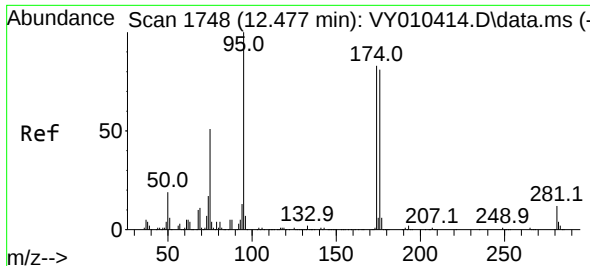
Tgt Ion: 98 Resp: 373758
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#52
Toluene
Concen: 1.148 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

Tgt Ion: 92 Resp: 6483
Ion Ratio Lower Upper
92 100
91 168.7 142.6 213.8

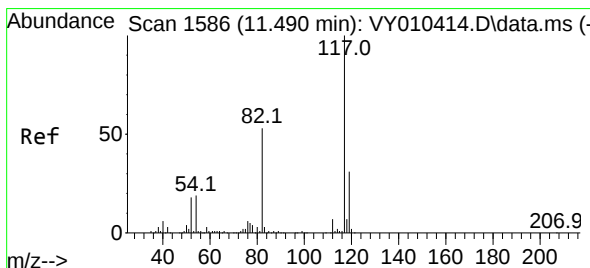
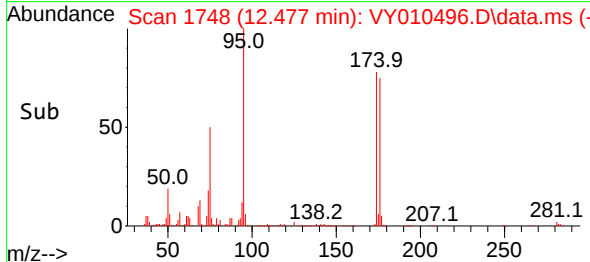
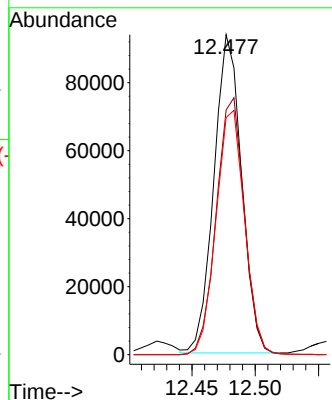
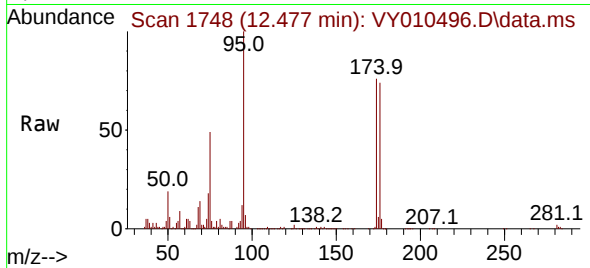




#62
4-Bromofluorobenzene
Concen: 50.669 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

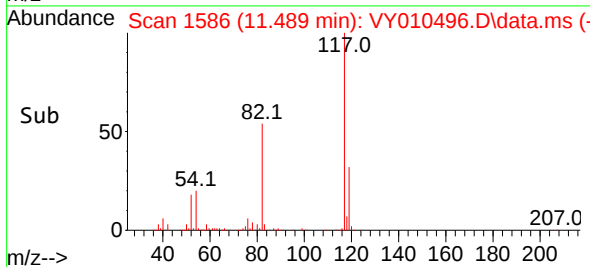
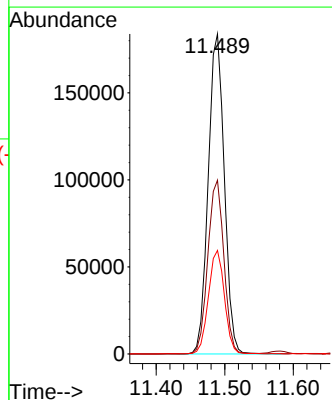
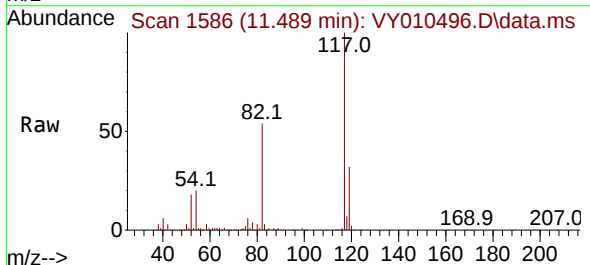
Instrument :
MSVOA_Y
ClientSampleId :
OH-SOIL-0913

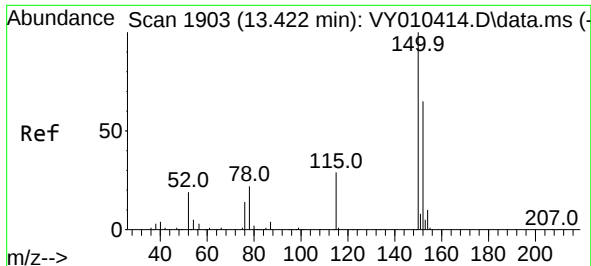
Tgt Ion: 95 Resp: 142333
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 79.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010496.D
Acq: 14 Sep 2022 19:54

Tgt Ion: 117 Resp: 300614
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.3 25.4 38.0

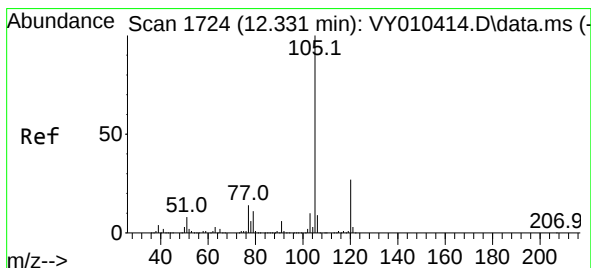
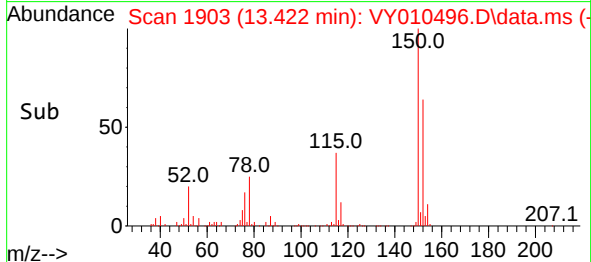
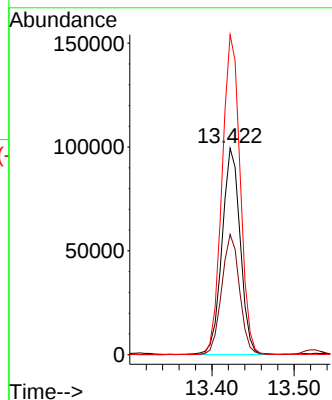
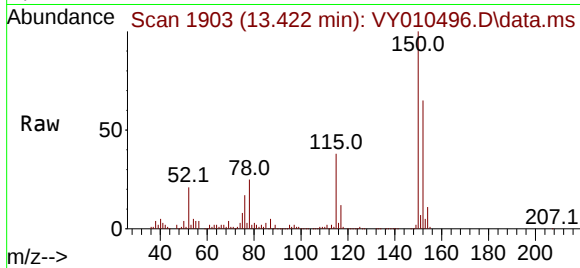




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010496.D
 Acq: 14 Sep 2022 19:54

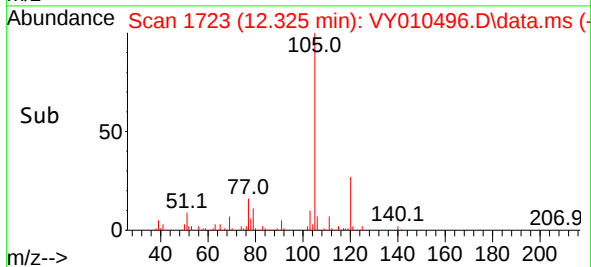
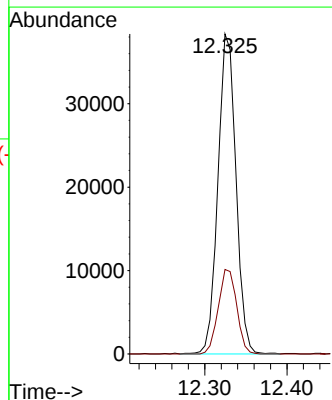
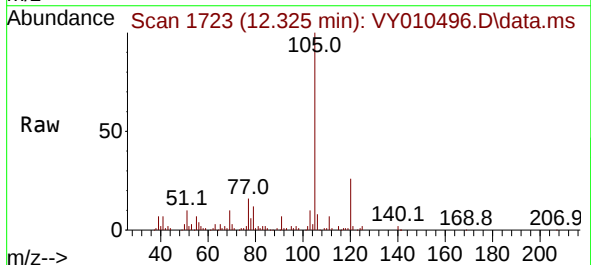
Instrument :
 MSVOA_Y
 ClientSampleId :
 OH-SOIL-0913

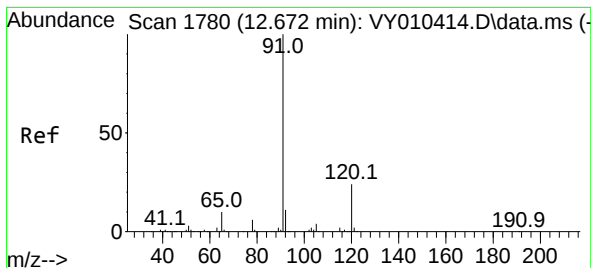
Tgt Ion:152 Resp: 152836
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 154.3 0.0 347.6



#73
 Isopropylbenzene
 Concen: 4.907 ug/l
 RT: 12.325 min Scan# 1723
 Delta R.T. -0.006 min
 Lab File: VY010496.D
 Acq: 14 Sep 2022 19:54

Tgt Ion:105 Resp: 58517
 Ion Ratio Lower Upper
 105 100
 120 26.9 13.4 40.2





#78

n-propylbenzene

Concen: 12.021 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY010496.D

Acq: 14 Sep 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :

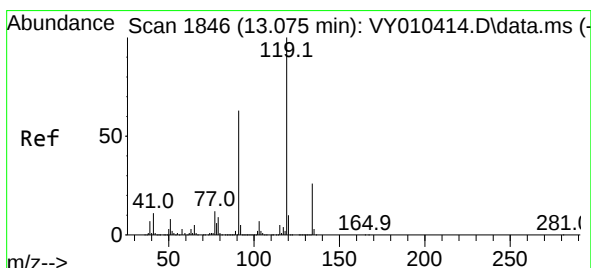
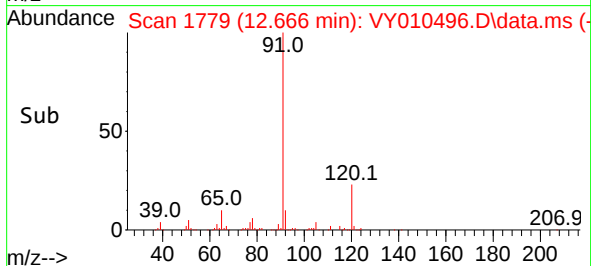
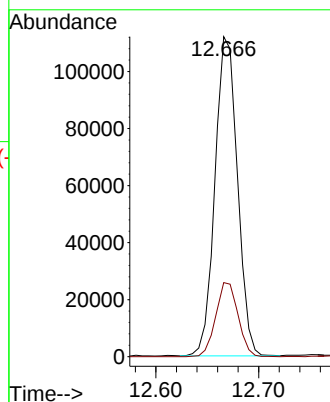
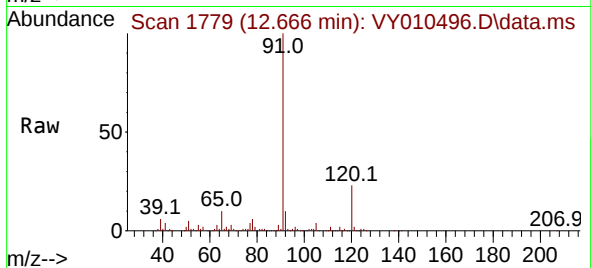
OH-SOIL-0913

Tgt Ion: 91 Resp: 169745

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.9



#83

tert-Butylbenzene

Concen: 1.684 ug/l

RT: 13.068 min Scan# 1845

Delta R.T. -0.007 min

Lab File: VY010496.D

Acq: 14 Sep 2022 19:54

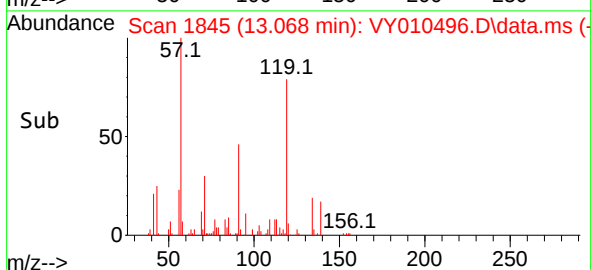
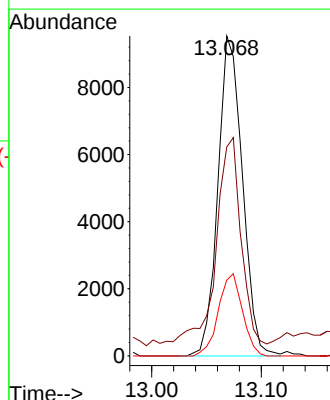
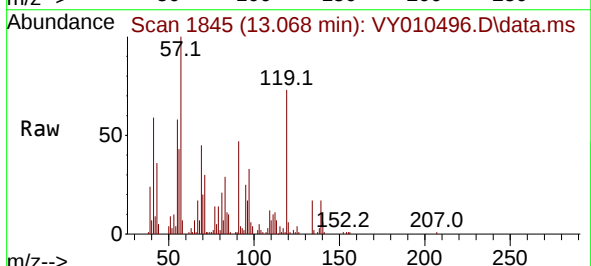
Tgt Ion: 119 Resp: 14807

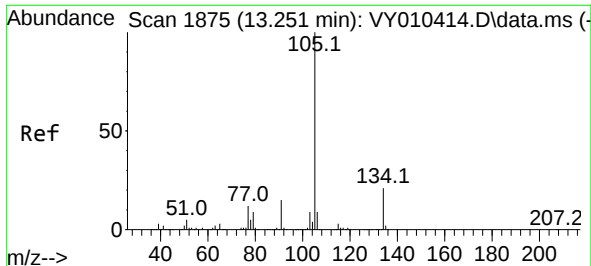
Ion Ratio Lower Upper

119 100

91 67.7 34.8 104.4

134 25.2 13.3 39.9

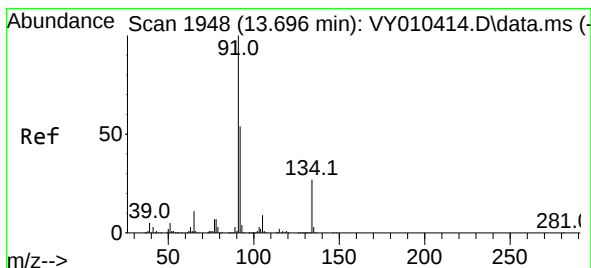
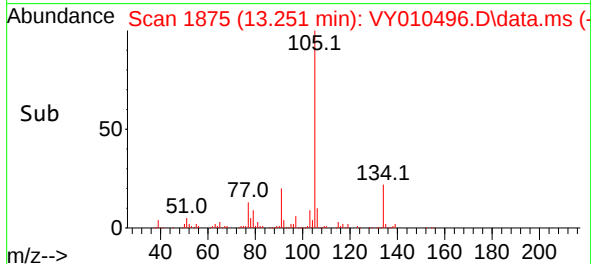
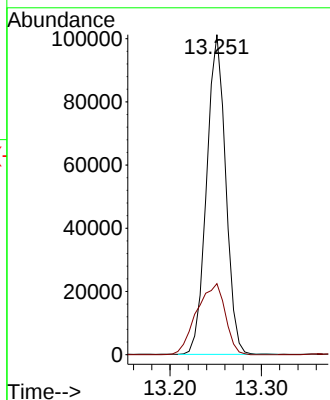
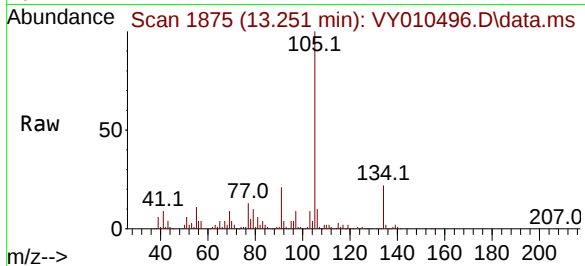




#85
 sec-Butylbenzene
 Concen: 11.203 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010496.D
 Acq: 14 Sep 2022 19:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 OH-SOIL-0913

Tgt Ion:105 Resp: 145881
 Ion Ratio Lower Upper
 105 100
 134 33.4 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 17.325 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VY010496.D
 Acq: 14 Sep 2022 19:54

Tgt Ion: 91 Resp: 173219
 Ion Ratio Lower Upper
 91 100
 92 48.4 26.3 78.9
 134 41.1 13.0 38.9#

