

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011473.D
 Acq On : 16 Nov 2022 15:08
 Operator : KP/MD
 Sample : N5641-03
 Misc : 6.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-PILE-3

Quant Time: Nov 17 03:16:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

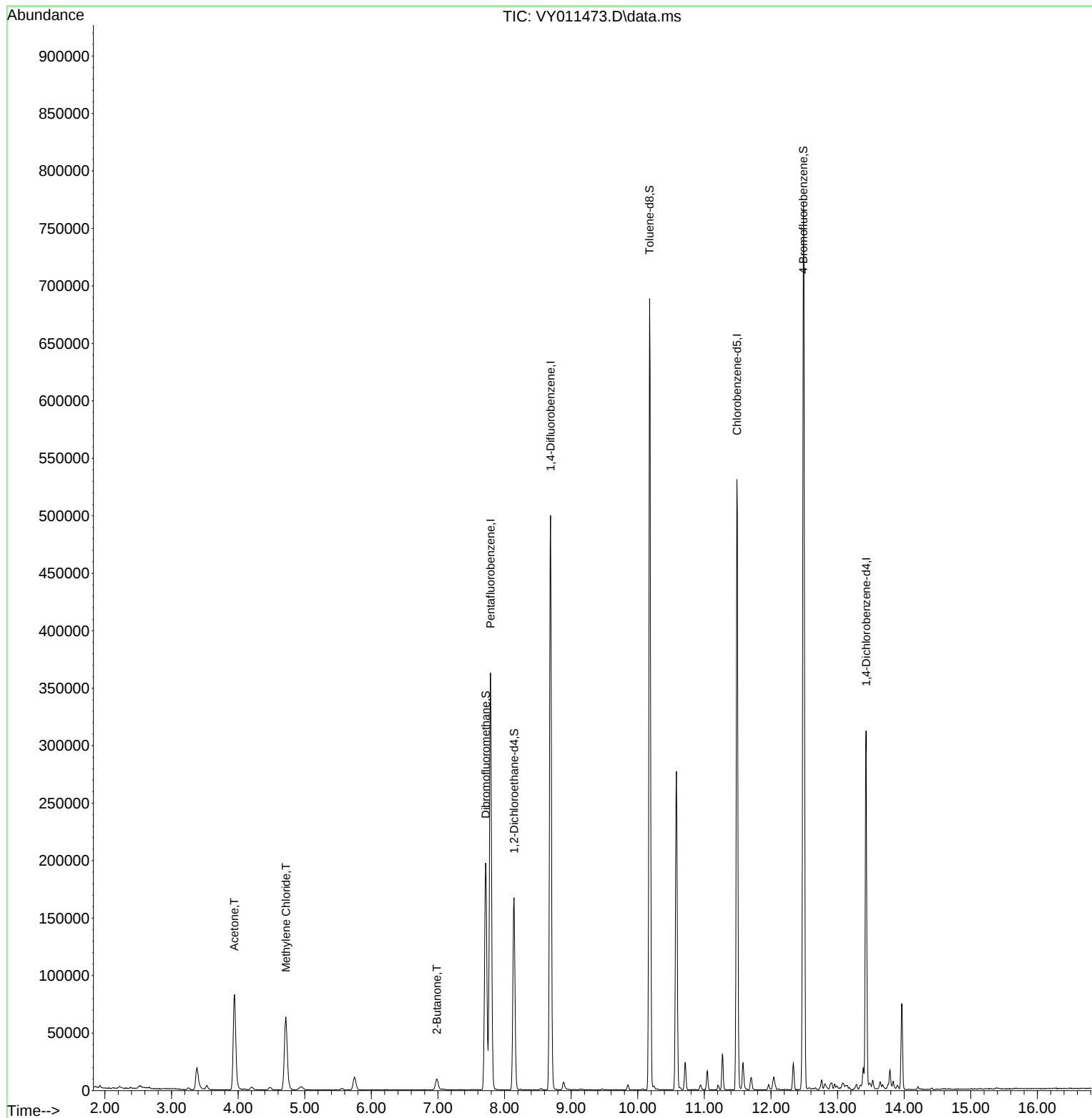
Internal Standards						
1) Pentafluorobenzene	7.789	168	290288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	455883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	316934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130698	53.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.460%	
35) Dibromofluoromethane	7.716	113	145666	57.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.040%	
50) Toluene-d8	10.179	98	470605	48.216	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.440%	
62) 4-Bromofluorobenzene	12.483	95	108239	31.794	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 63.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	142392	221.830	ug/l #	80
20) Methylene Chloride	4.716	84	52457	8.871	ug/l #	77
25) 2-Butanone	6.984	43	10976	12.004	ug/l #	71

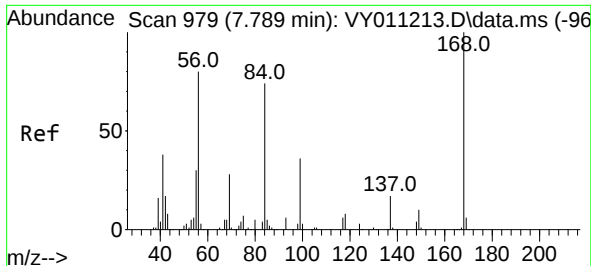
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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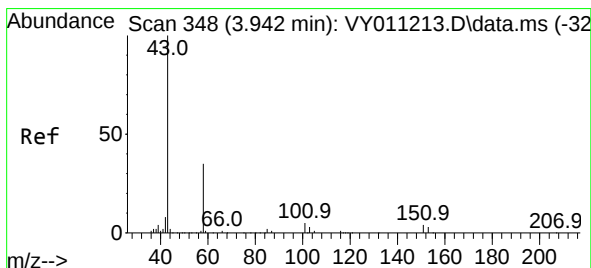
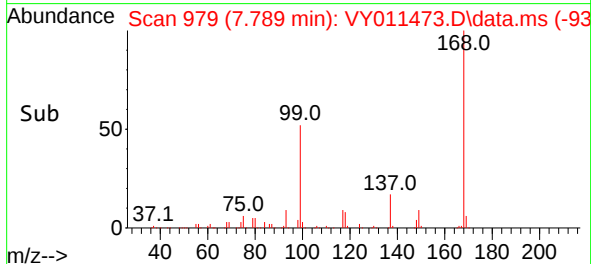
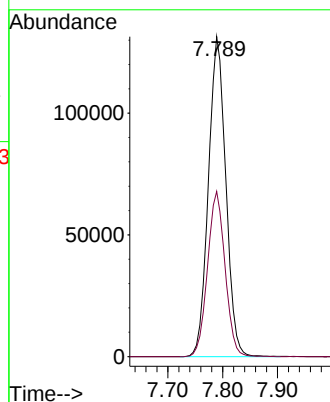
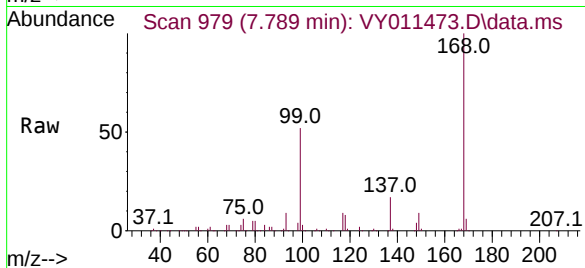




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011473.D
Acq: 16 Nov 2022 15:08

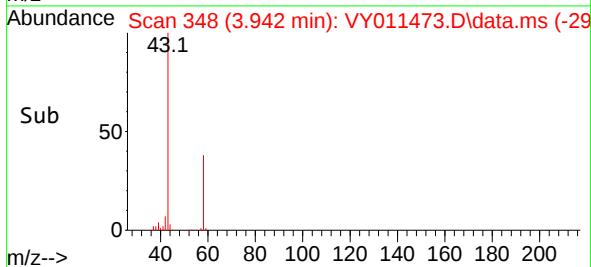
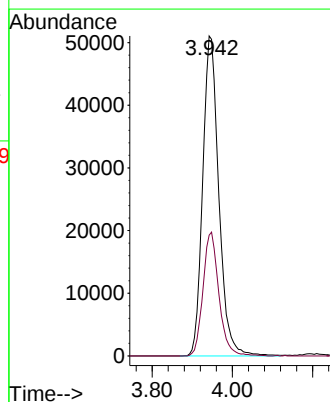
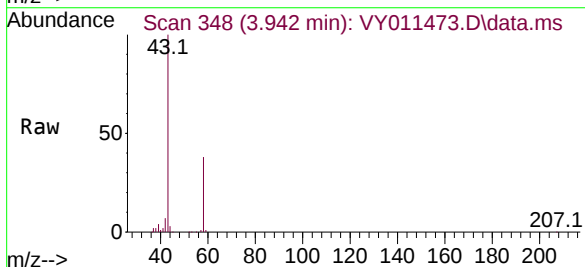
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-3

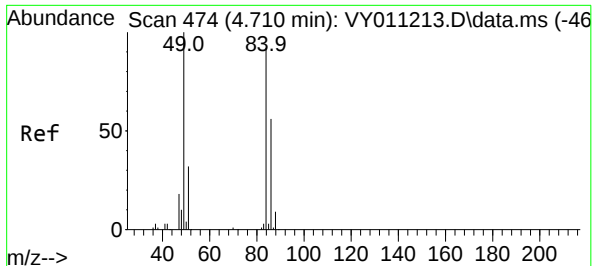
Tgt Ion:168 Resp: 290288
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#16
Acetone
Concen: 221.830 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011473.D
Acq: 16 Nov 2022 15:08

Tgt Ion: 43 Resp: 142392
Ion Ratio Lower Upper
43 100
58 37.7 22.0 33.0#

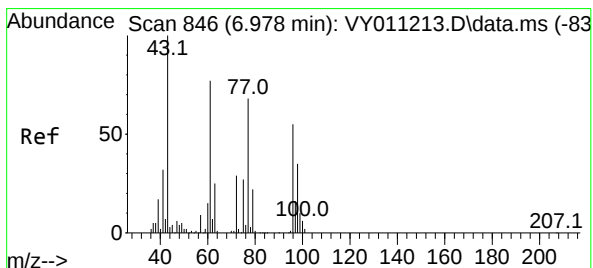
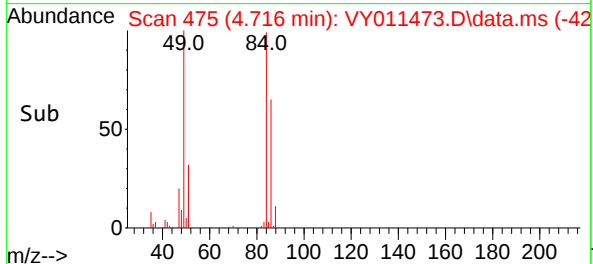
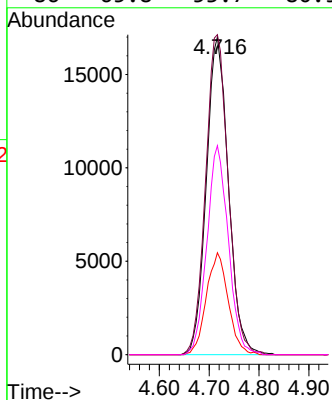
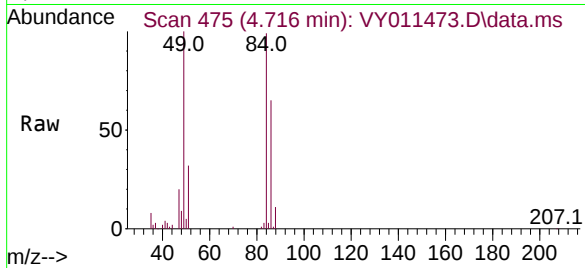




#20
Methylene Chloride
Concen: 8.871 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011473.D
Acq: 16 Nov 2022 15:08

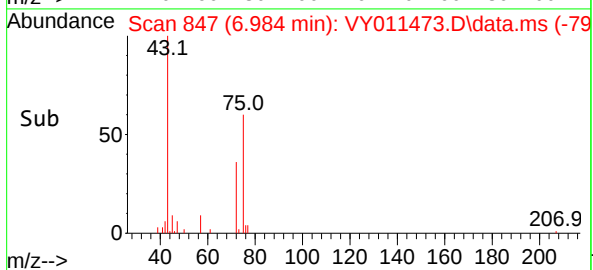
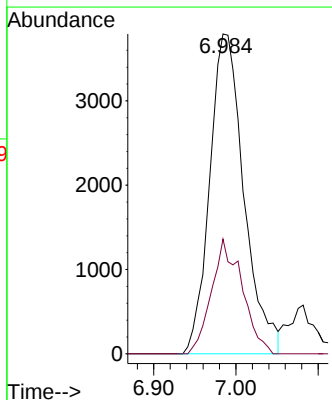
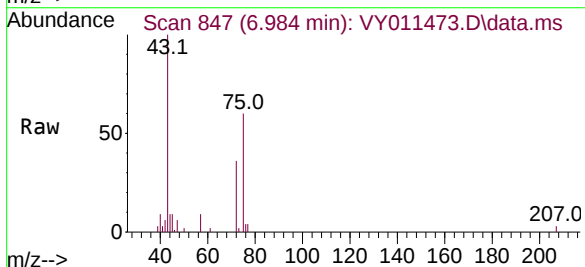
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-PILE-3

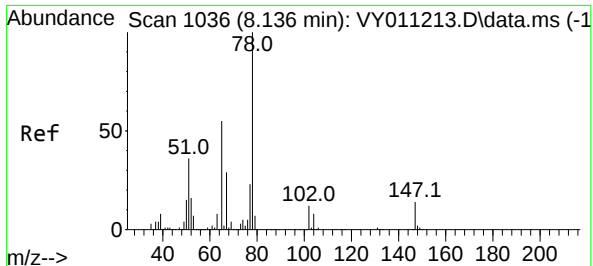
Tgt Ion: 84 Resp: 52457
Ion Ratio Lower Upper
84 100
49 100.8 114.4 171.6#
51 32.1 35.3 52.9#
86 65.8 53.7 80.5



#25
2-Butanone
Concen: 12.004 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY011473.D
Acq: 16 Nov 2022 15:08

Tgt Ion: 43 Resp: 10976
Ion Ratio Lower Upper
43 100
72 35.9 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 53.729 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY011473.D

Acq: 16 Nov 2022 15:08

Instrument :

MSVOA_Y

ClientSampleId :

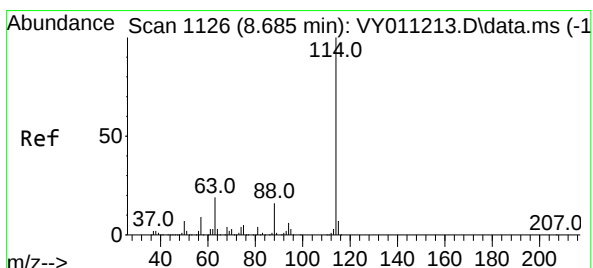
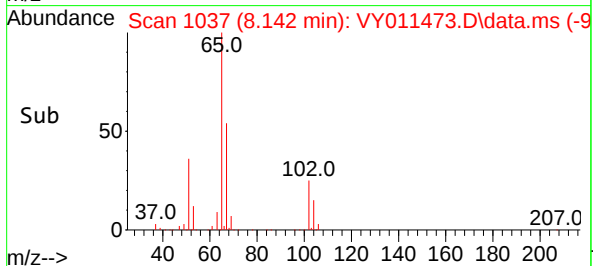
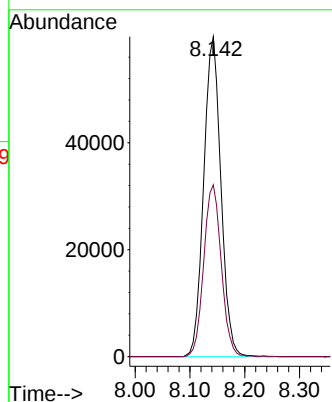
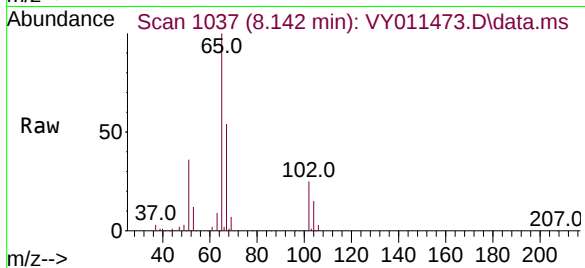
SOIL-PILE-3

Tgt Ion: 65 Resp: 130698

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011473.D

Acq: 16 Nov 2022 15:08

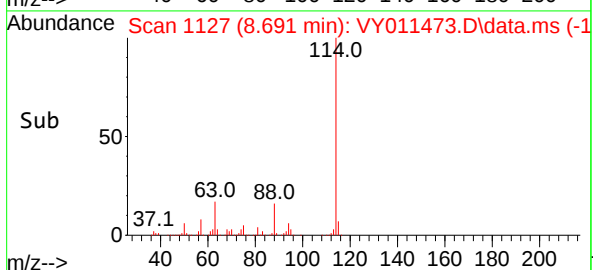
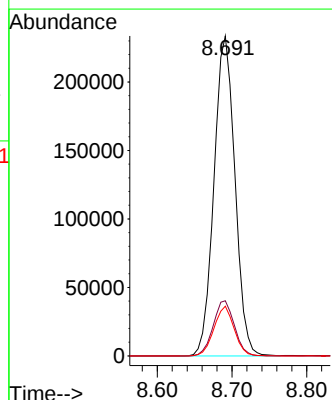
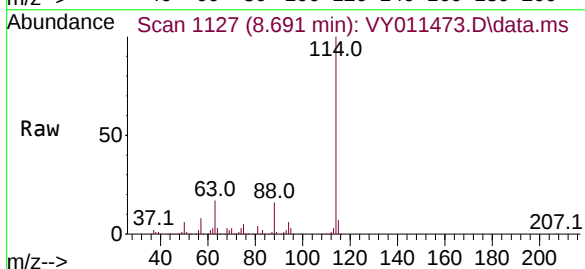
Tgt Ion: 114 Resp: 455883

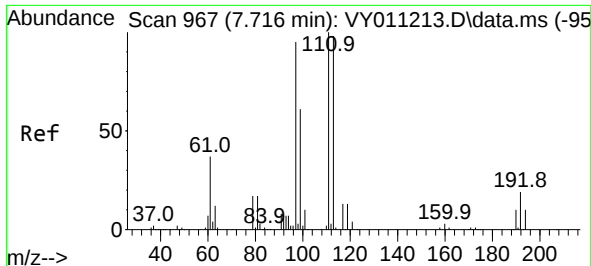
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 15.5 0.0 31.8

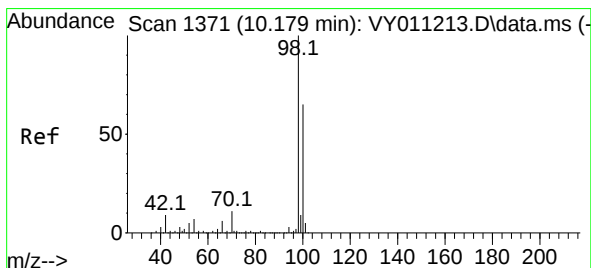
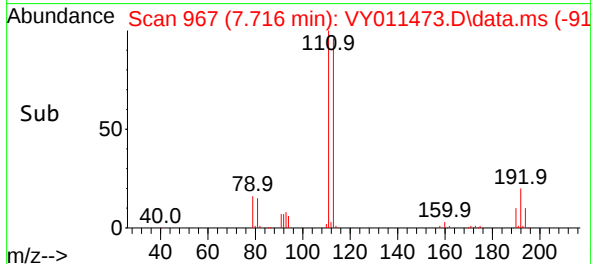
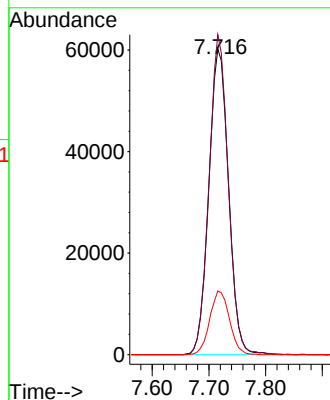
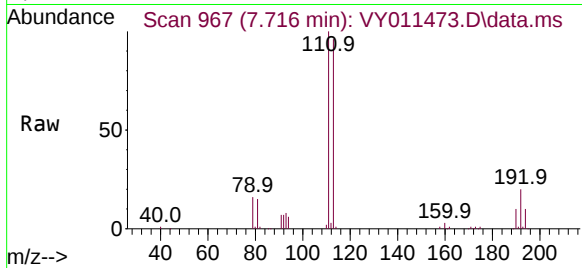




#35
Dibromofluoromethane
Concen: 57.015 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011473.D
Acq: 16 Nov 2022 15:08

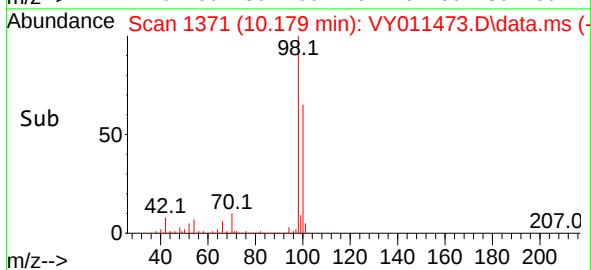
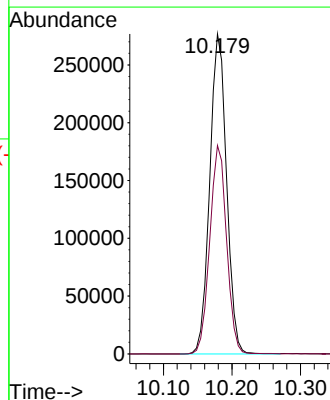
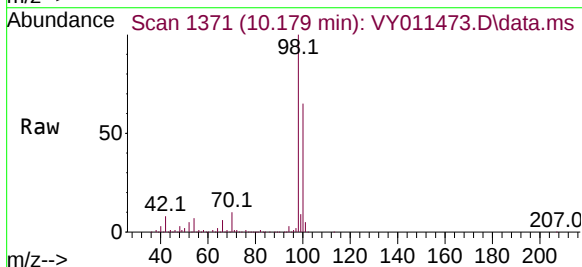
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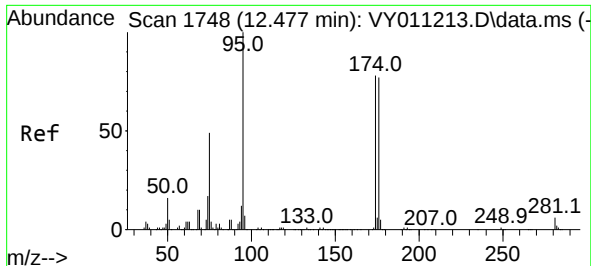
Tgt Ion:113 Resp: 145666
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.8 17.6 26.4



#50
Toluene-d8
Concen: 48.216 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011473.D
Acq: 16 Nov 2022 15:08

Tgt Ion: 98 Resp: 470605
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 31.794 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011473.D

Acq: 16 Nov 2022 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-3

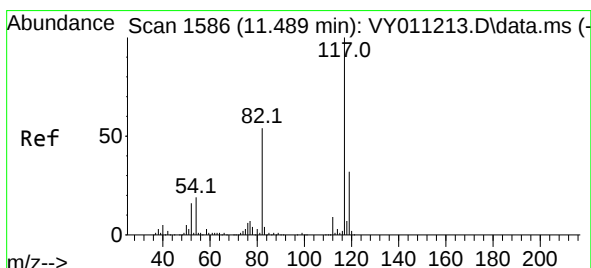
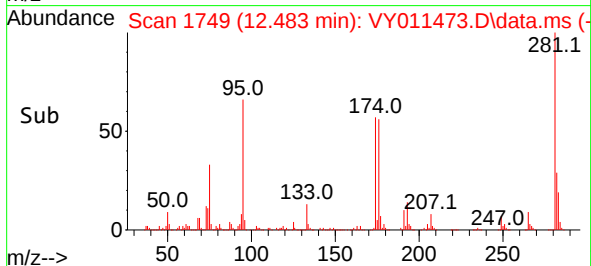
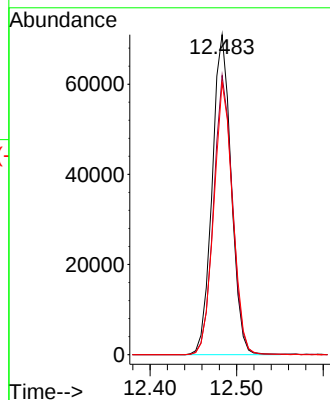
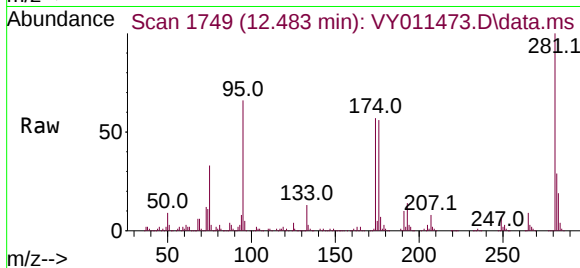
Tgt Ion: 95 Resp: 108239

Ion Ratio Lower Upper

95 100

174 86.5 0.0 177.0

176 84.6 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: VY011473.D

Acq: 16 Nov 2022 15:08

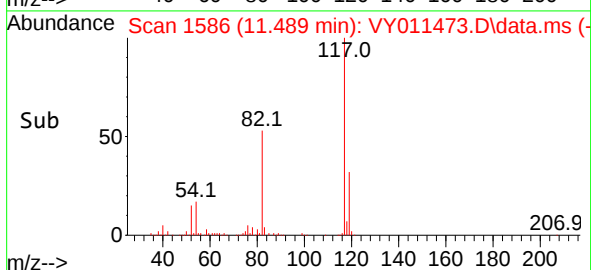
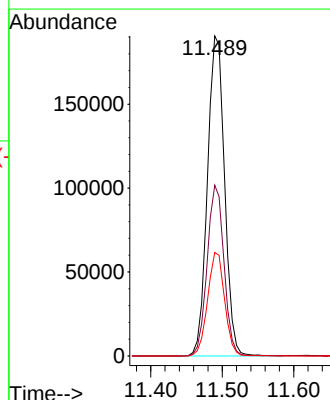
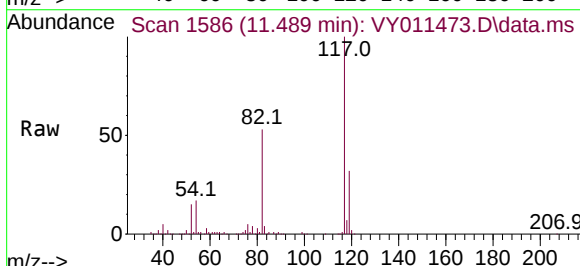
Tgt Ion: 117 Resp: 316934

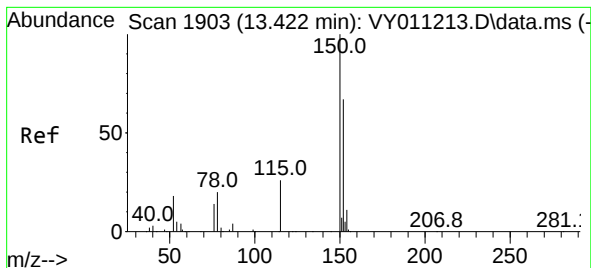
Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011473.D

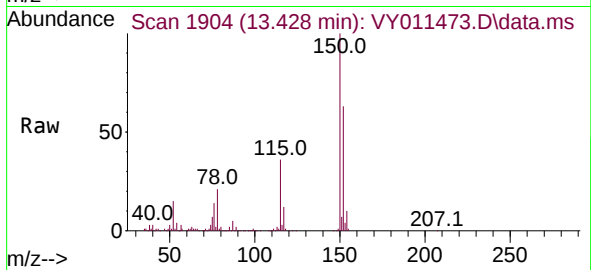
Acq: 16 Nov 2022 15:08

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-PILE-3



Tgt Ion:152 Resp: 83771

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.9 0.0 347.6

