

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030222\
 Data File : VY007688.D
 Acq On : 02 Mar 2022 14:43
 Operator : SY/MD
 Sample : N1731-01
 Misc : 4.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VACLOT-TOPSOIL-GRILLO-01

Quant Time: Mar 03 00:34:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

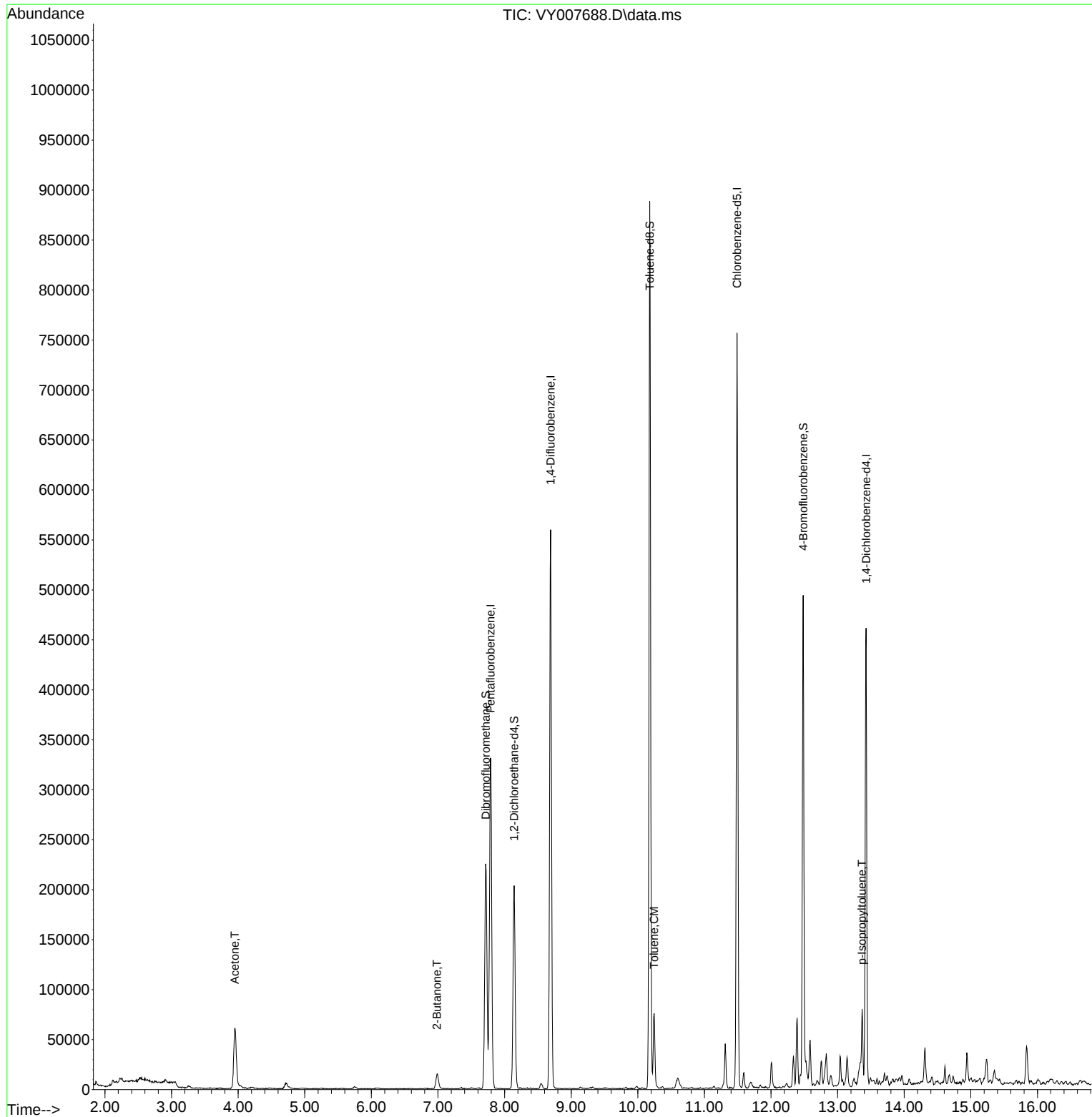
Internal Standards						
1) Pentafluorobenzene	7.789	168	266645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	476007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	153553	55.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.020%
35) Dibromofluoromethane	7.716	113	156137	51.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.620%
50) Toluene-d8	10.179	98	566172	50.540	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.080%
62) 4-Bromofluorobenzene	12.483	95	134577	37.268	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.540%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	108575	191.196	ug/l	94
25) 2-Butanone	6.984	43	24175	25.377	ug/l	92
52) Toluene	10.246	92	30504	3.541	ug/l	97
86) p-Isopropyltoluene	13.367	119	37979	4.612	ug/l	94

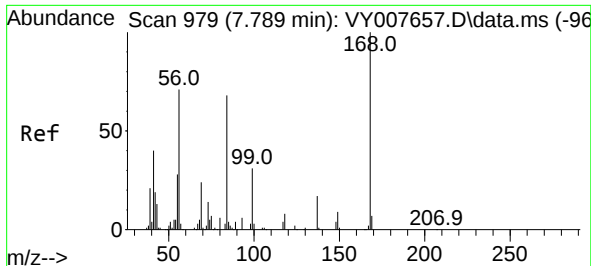
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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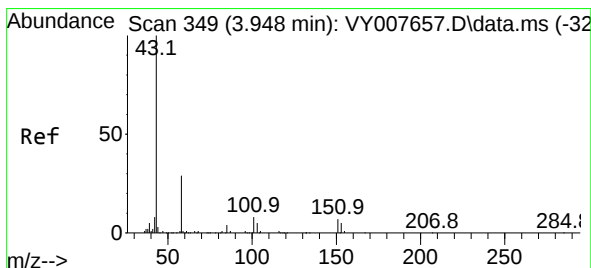
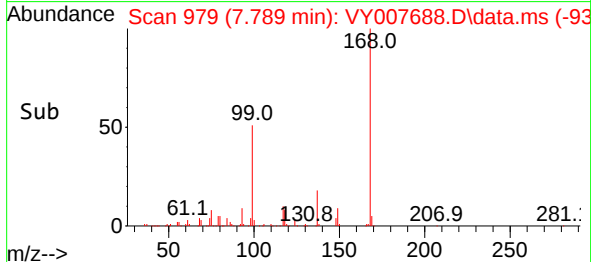
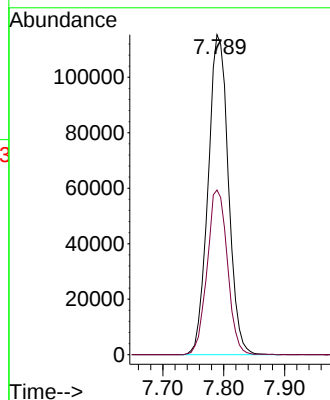
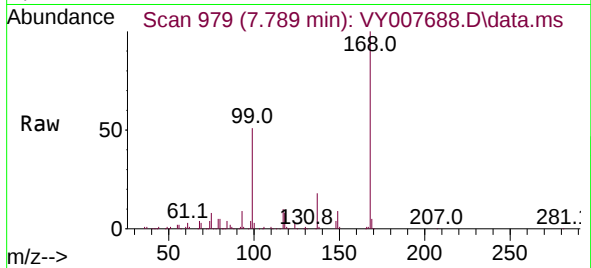




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007688.D
Acq: 02 Mar 2022 14:43

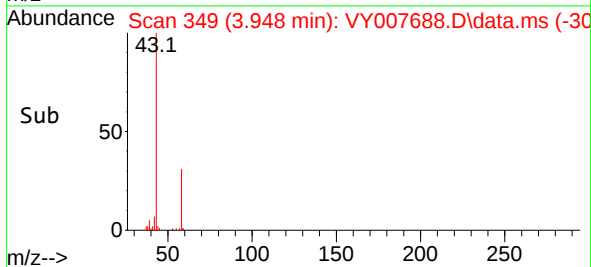
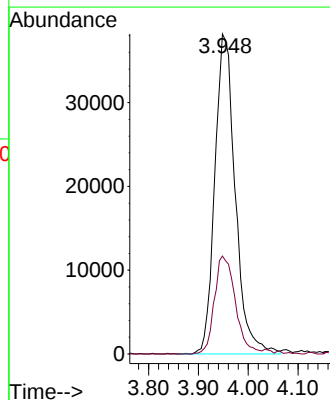
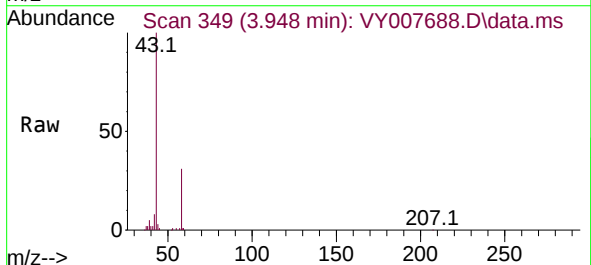
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-GRILLO-01

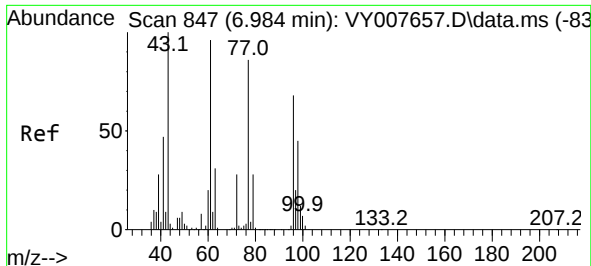
Tgt Ion:168 Resp: 266645
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#16
Acetone
Concen: 191.196 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007688.D
Acq: 02 Mar 2022 14:43

Tgt Ion: 43 Resp: 108575
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0

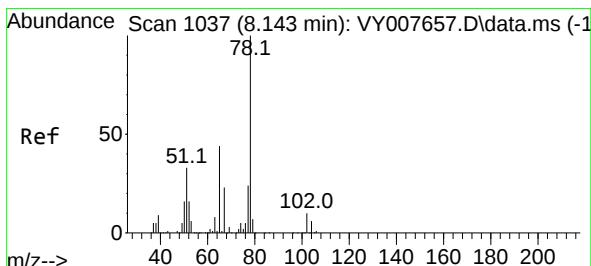
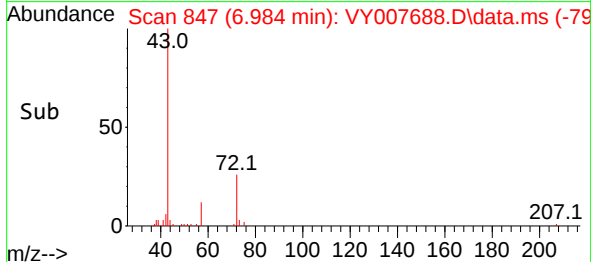
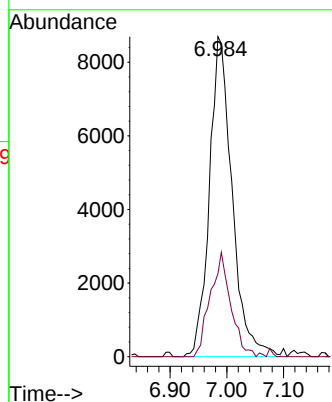
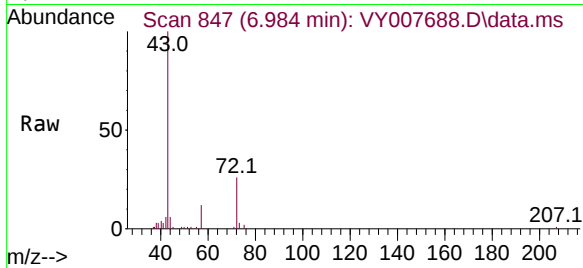




#25
2-Butanone
Concen: 25.377 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007688.D
Acq: 02 Mar 2022 14:43

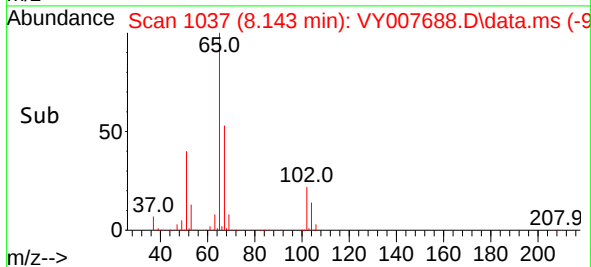
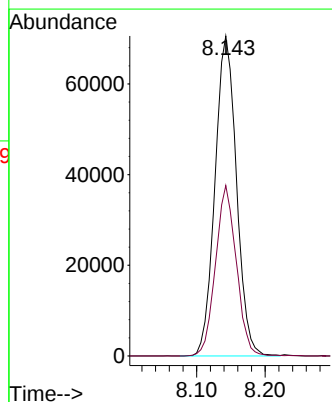
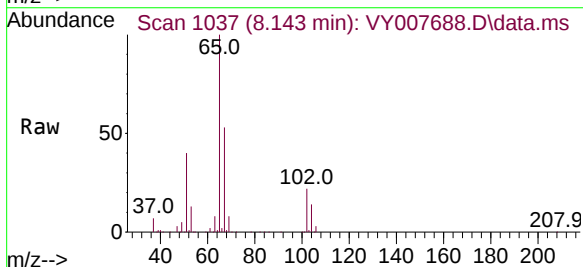
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-GRILLO-01

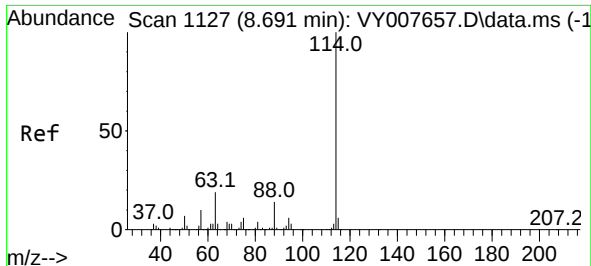
Tgt Ion: 43 Resp: 24175
Ion Ratio Lower Upper
43 100
72 26.0 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 55.007 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007688.D
Acq: 02 Mar 2022 14:43

Tgt Ion: 65 Resp: 153553
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007688.D

Acq: 02 Mar 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

VACLOT-TOPSOIL-GRILLO-01

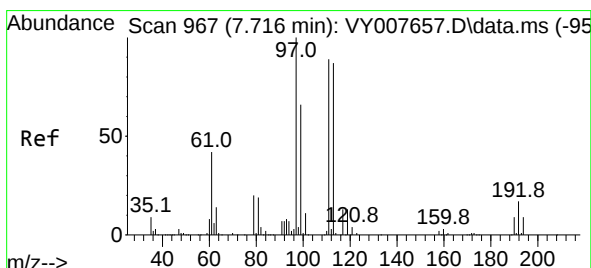
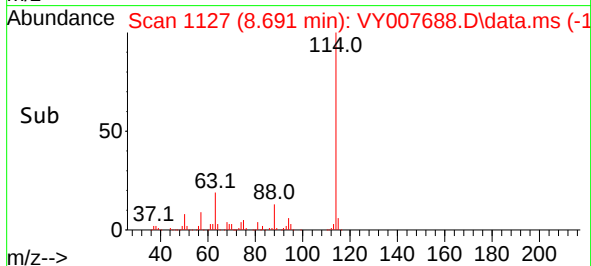
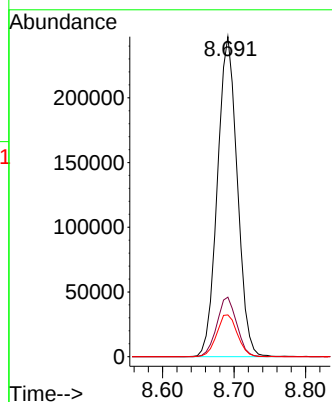
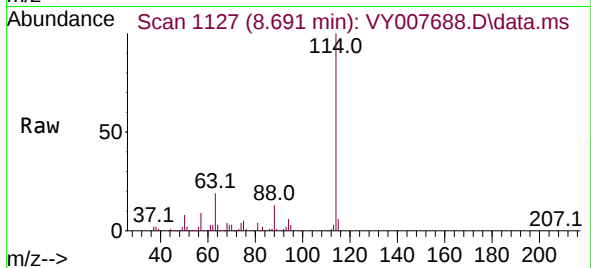
Tgt Ion:114 Resp: 476007

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.306 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007688.D

Acq: 02 Mar 2022 14:43

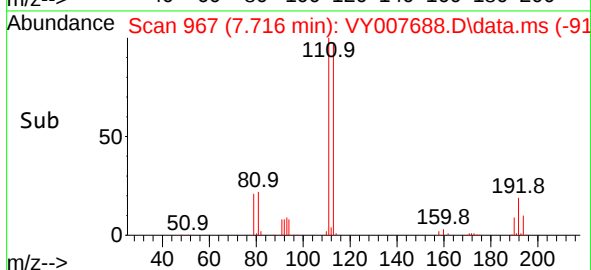
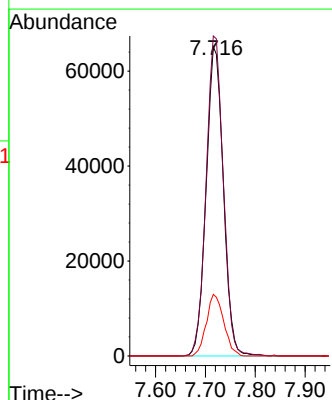
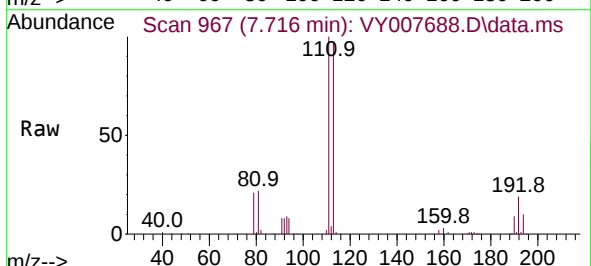
Tgt Ion:113 Resp: 156137

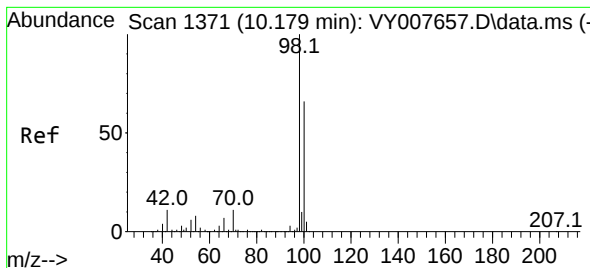
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 20.2 17.6 26.4





#50

Toluene-d8

Concen: 50.540 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007688.D

Acq: 02 Mar 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

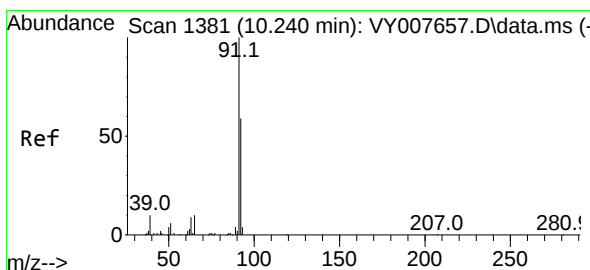
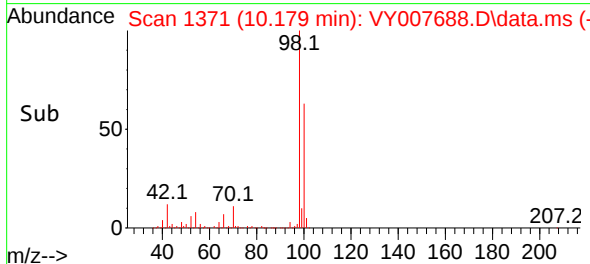
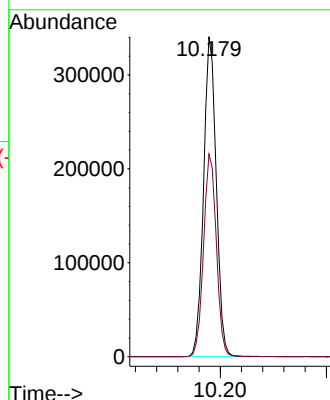
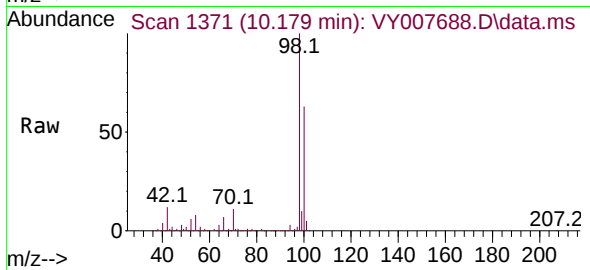
VACLOT-TOPSOIL-GRILLO-01

Tgt Ion: 98 Resp: 566172

Ion Ratio Lower Upper

98 100

100 63.7 50.2 75.2



#52

Toluene

Concen: 3.541 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY007688.D

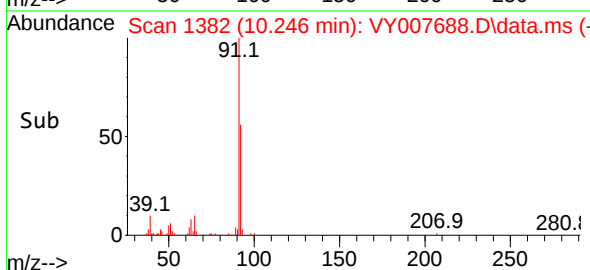
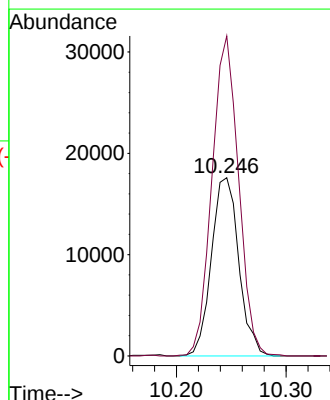
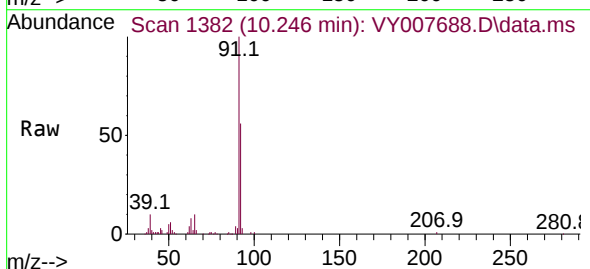
Acq: 02 Mar 2022 14:43

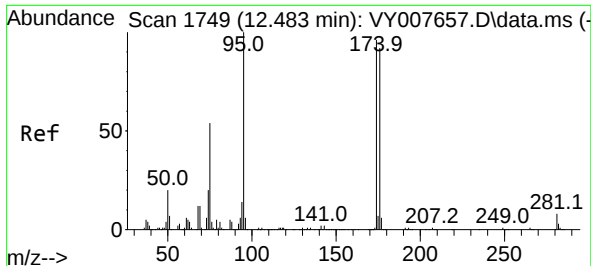
Tgt Ion: 92 Resp: 30504

Ion Ratio Lower Upper

92 100

91 174.6 142.6 213.8

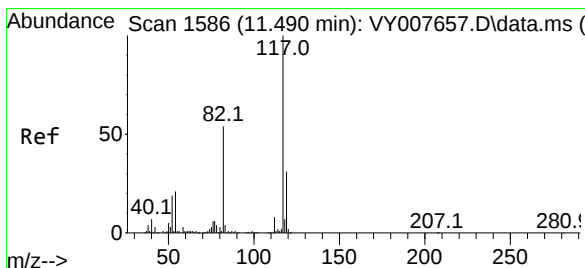
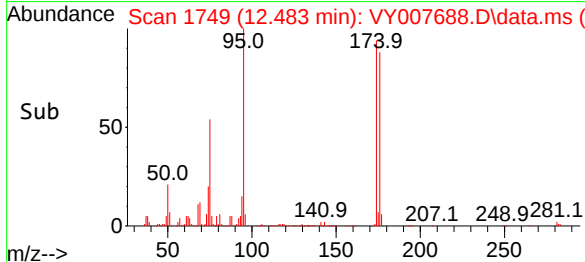
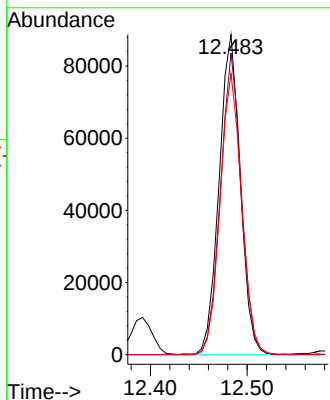
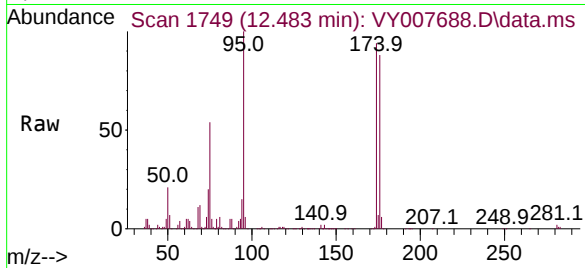




#62
4-Bromofluorobenzene
Concen: 37.268 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007688.D
Acq: 02 Mar 2022 14:43

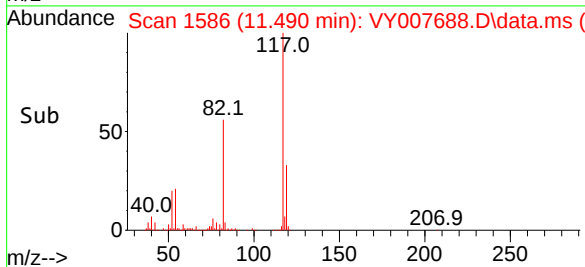
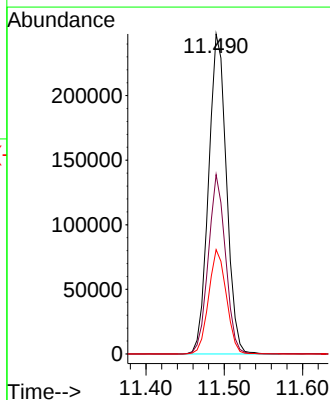
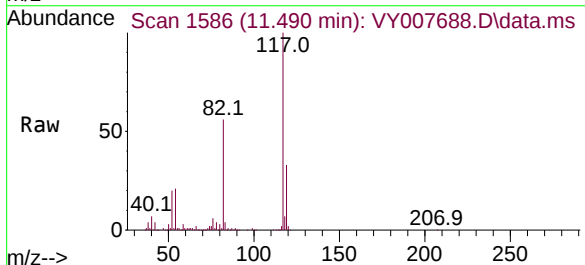
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VACLOT-TOPSOIL-GRILLO-01

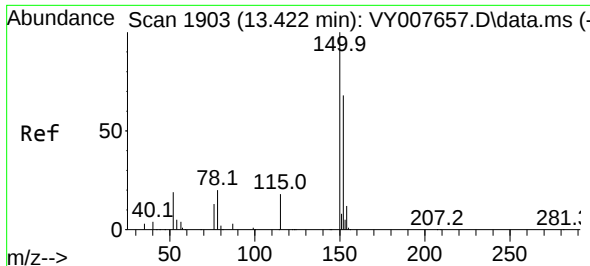
Tgt Ion: 95 Resp: 134577
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 88.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007688.D
Acq: 02 Mar 2022 14:43

Tgt Ion: 117 Resp: 392264
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 32.6 25.4 38.0

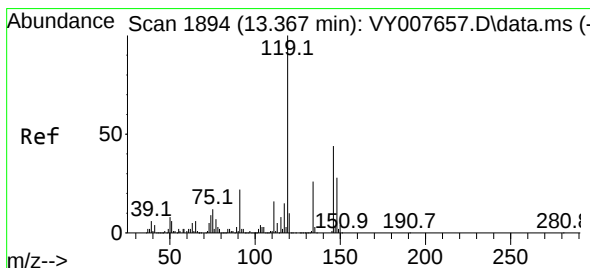
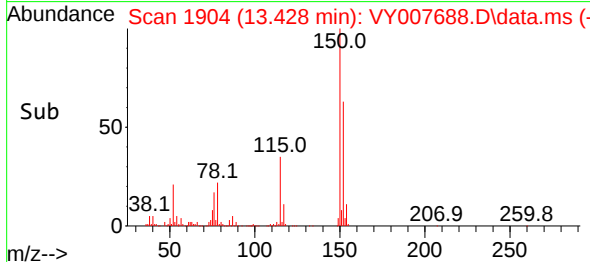
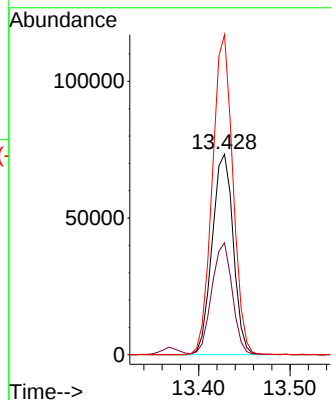
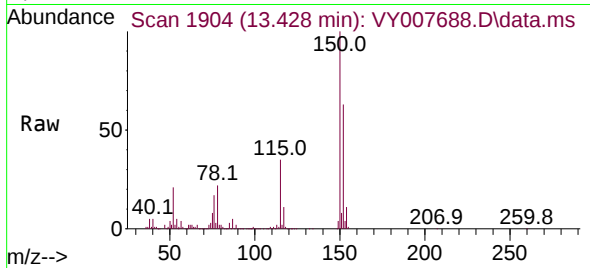




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007688.D
 Acq: 02 Mar 2022 14:43

Instrument :
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 VACLOT-TOPSOIL-GRILLO-01

Tgt Ion:152 Resp: 117628
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 155.7 0.0 347.6



#86
 p-Isopropyltoluene
 Concen: 4.612 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007688.D
 Acq: 02 Mar 2022 14:43

Tgt Ion:119 Resp: 37979
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 30.2 12.4 37.2

