

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007696.D
 Acq On : 03 Mar 2022 12:01
 Operator : SY/MD
 Sample : N1731-01
 Misc : 4.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 04 00:40:18 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)

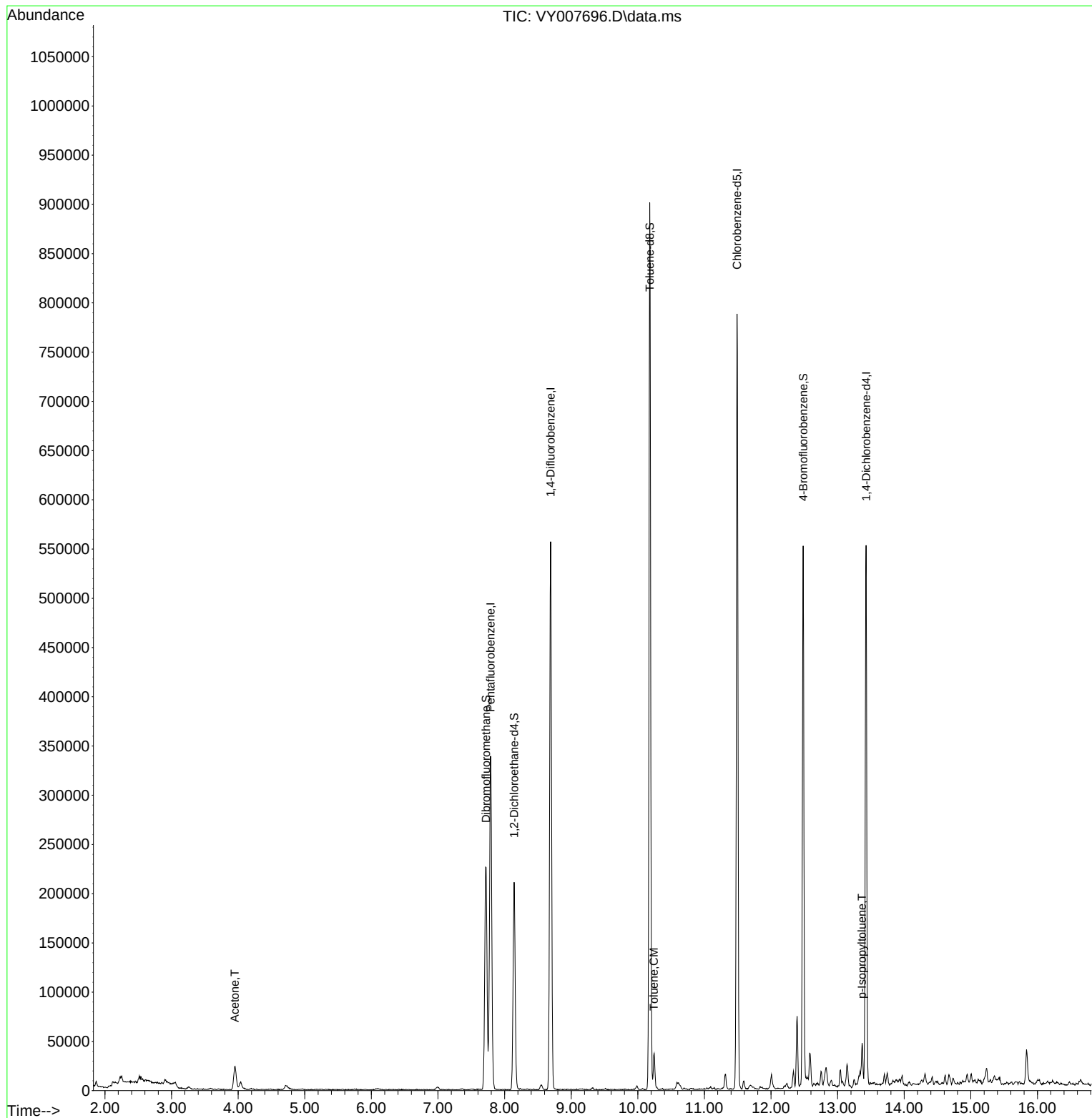
Internal Standards						
1) Pentafluorobenzene	7.789	168	270906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	483189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	430298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	162371	57.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.500%
35) Dibromofluoromethane	7.722	113	161218	52.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.380%
50) Toluene-d8	10.179	98	590553	51.933	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.483	95	150208	40.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.960%
Target Compounds						
16) Acetone	3.948	43	41132	71.292	ug/l	94
52) Toluene	10.240	92	13650	1.561	ug/l	98
86) p-Isopropyltoluene	13.367	119	21430	2.207	ug/l	91

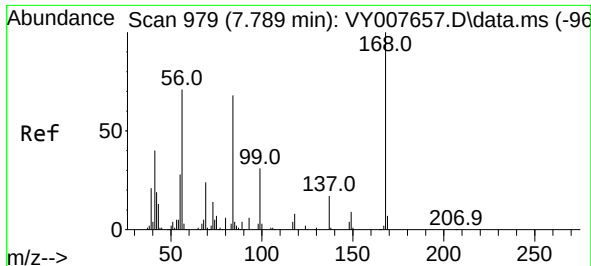
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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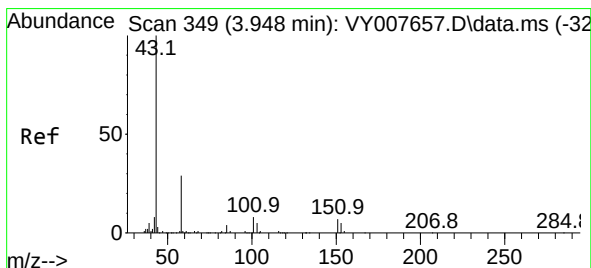
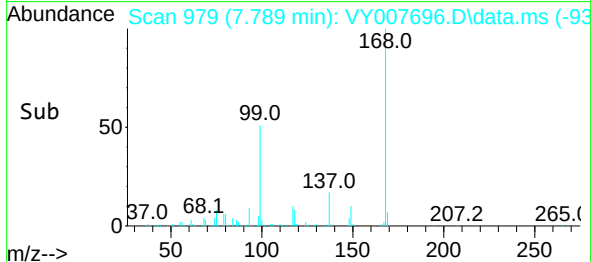
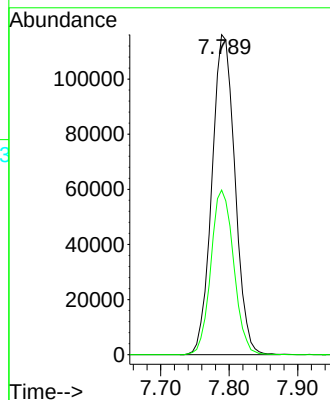
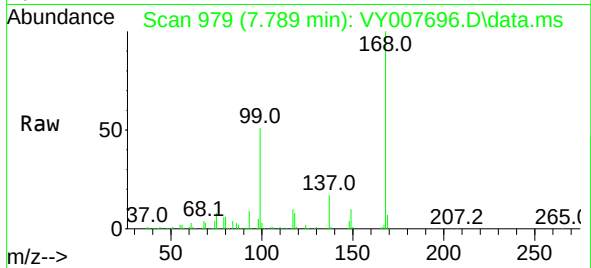




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007696.D
Acq: 03 Mar 2022 12:01

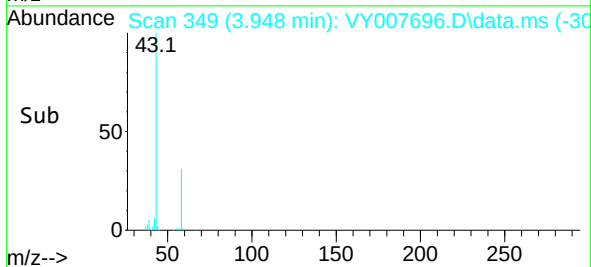
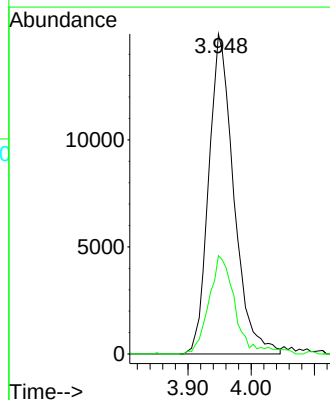
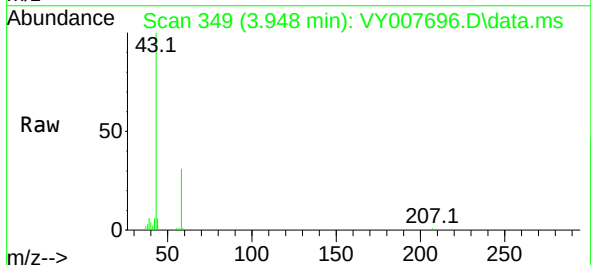
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-GRILLO-01

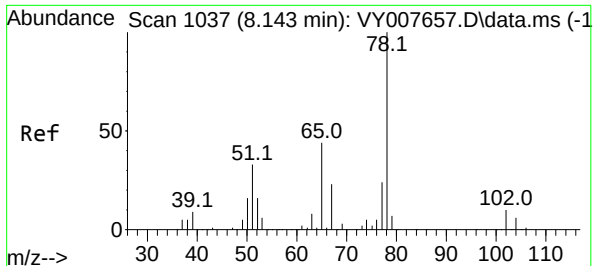
Tgt Ion:168 Resp: 270906
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#16
Acetone
Concen: 71.292 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007696.D
Acq: 03 Mar 2022 12:01

Tgt Ion: 43 Resp: 41132
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 57.251 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007696.D

Acq: 03 Mar 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

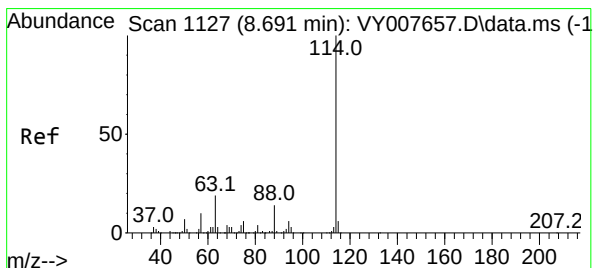
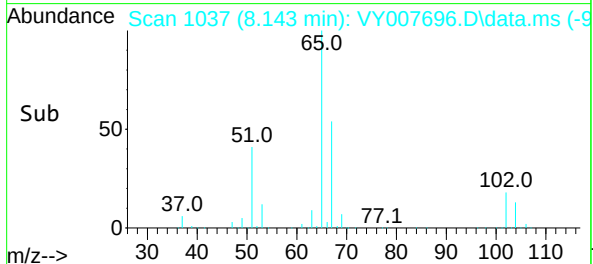
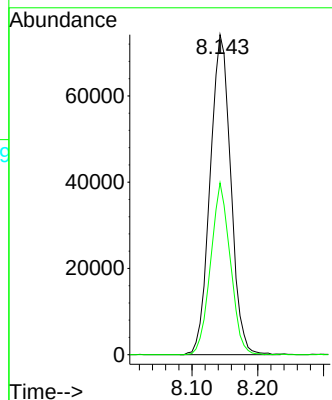
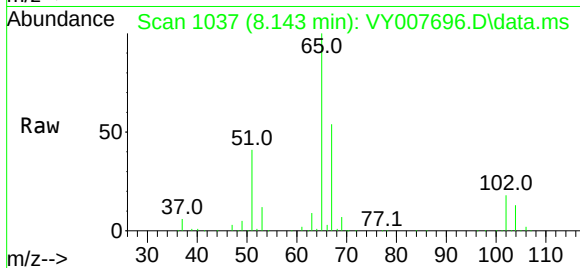
VACLOT-TOPSOIL-GRILLO-01

Tgt Ion: 65 Resp: 162371

Ion Ratio Lower Upper

65 100

67 51.1 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: VY007696.D

Acq: 03 Mar 2022 12:01

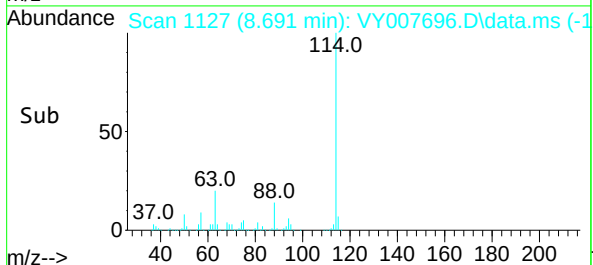
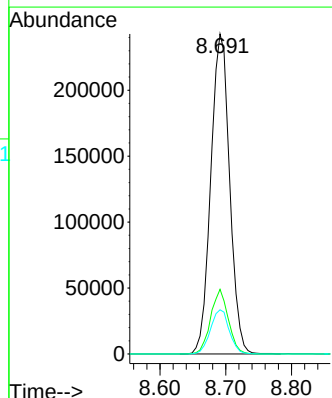
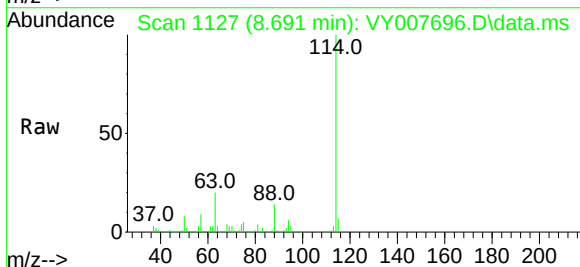
Tgt Ion: 114 Resp: 483189

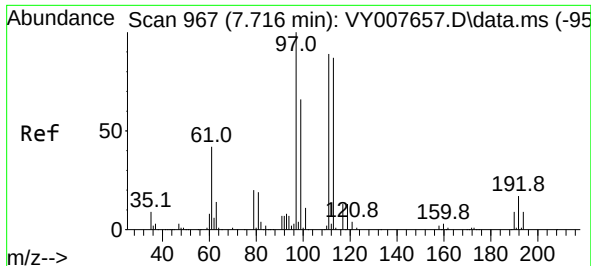
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 13.8 0.0 31.8

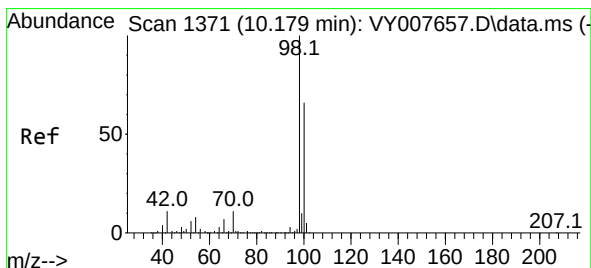
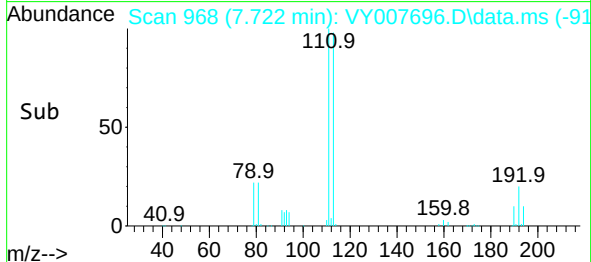
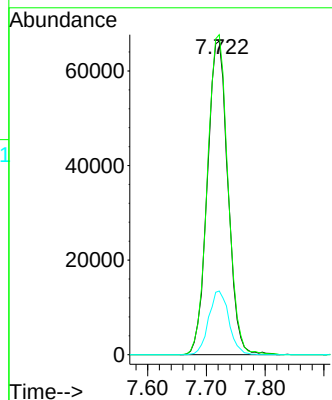
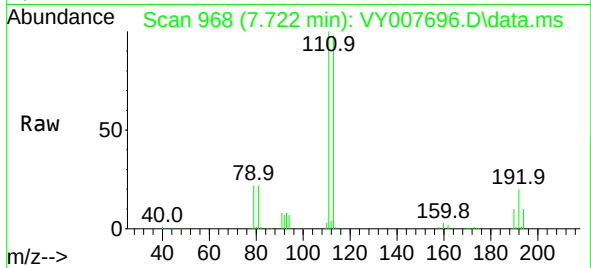




#35
Dibromofluoromethane
Concen: 52.188 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007696.D
Acq: 03 Mar 2022 12:01

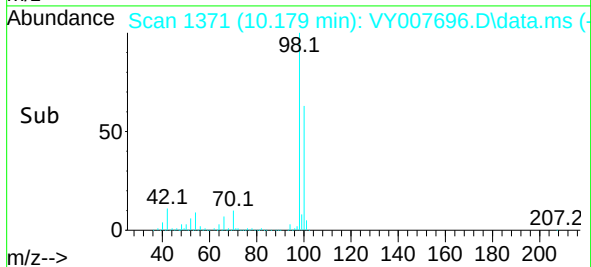
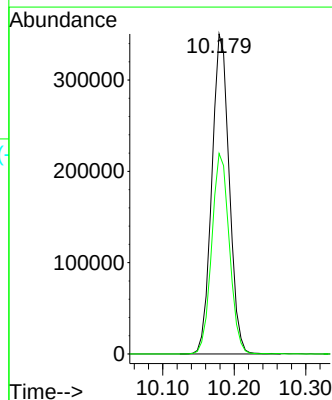
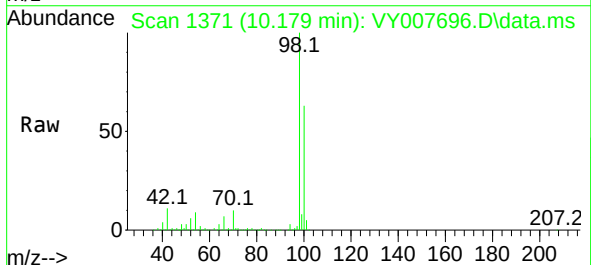
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-GRILLO-01

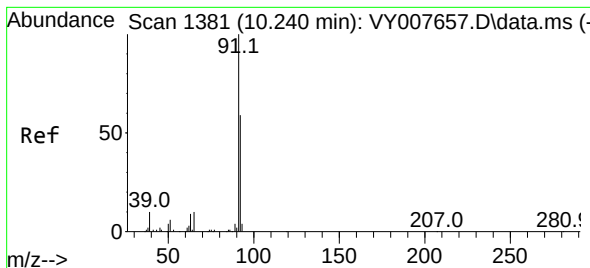
Tgt Ion:113 Resp: 161218
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.9 17.6 26.4



#50
Toluene-d8
Concen: 51.933 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007696.D
Acq: 03 Mar 2022 12:01

Tgt Ion: 98 Resp: 590553
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2





#52

Toluene

Concen: 1.561 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY007696.D

Acq: 03 Mar 2022 12:01

Instrument :

MSVOA_Y

ClientSampleId :

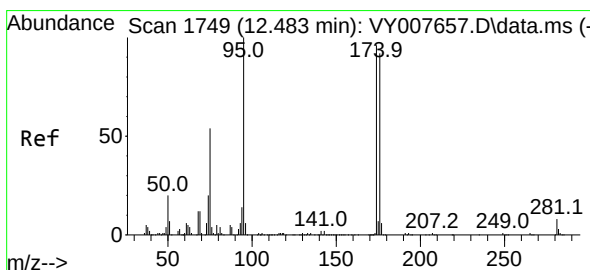
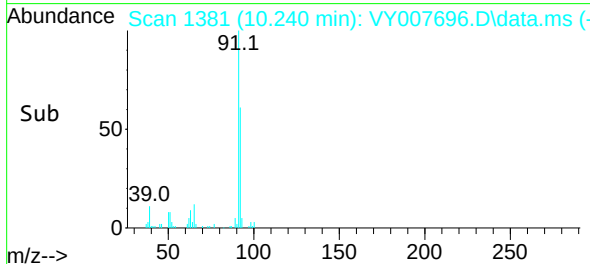
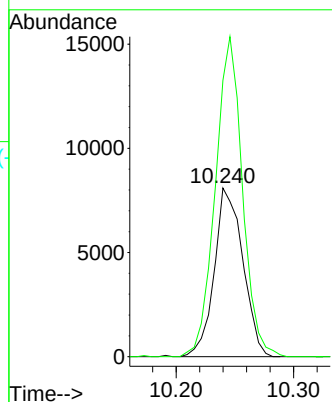
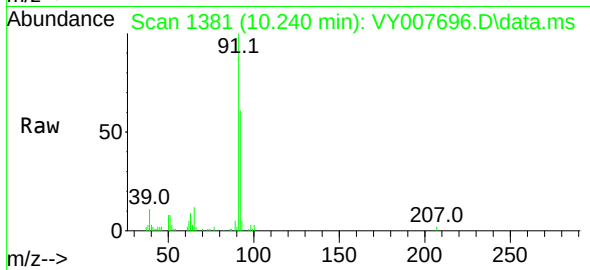
VACLOT-TOPSOIL-GRILLO-01

Tgt Ion: 92 Resp: 13650

Ion Ratio Lower Upper

92 100

91 180.6 142.6 213.8



#62

4-Bromofluorobenzene

Concen: 40.979 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007696.D

Acq: 03 Mar 2022 12:01

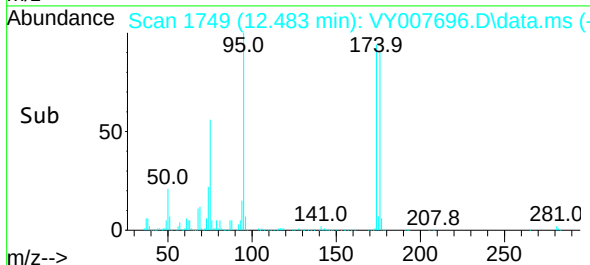
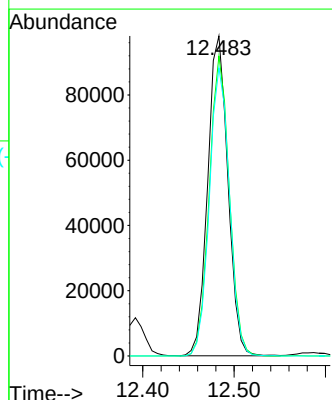
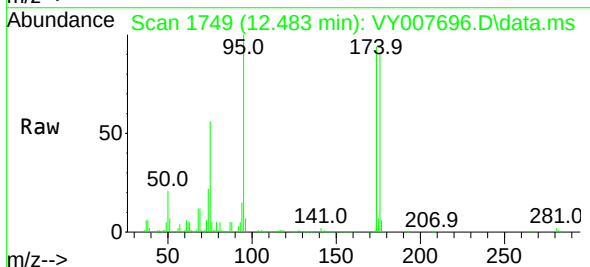
Tgt Ion: 95 Resp: 150208

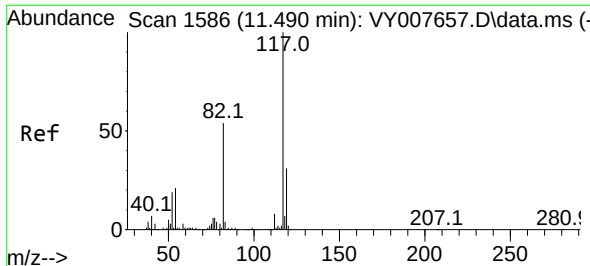
Ion Ratio Lower Upper

95 100

174 93.2 0.0 177.0

176 89.8 0.0 175.8

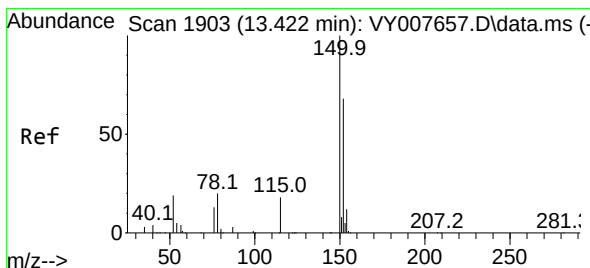
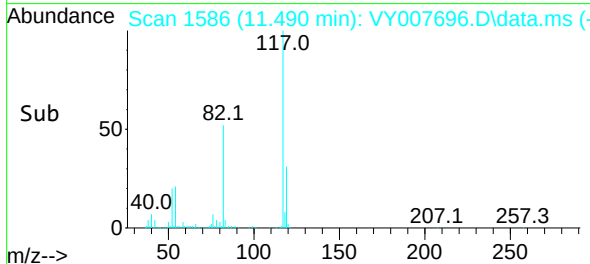
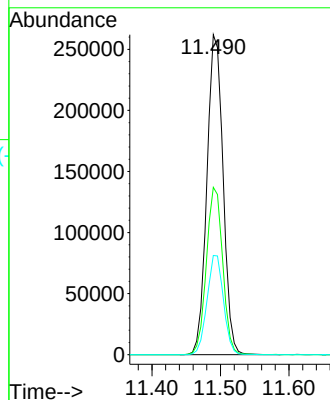
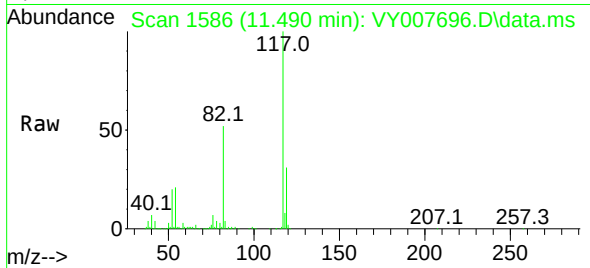




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007696.D
Acq: 03 Mar 2022 12:01

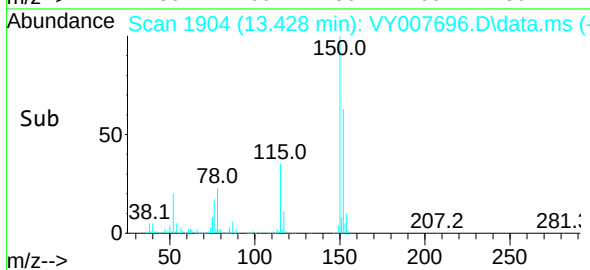
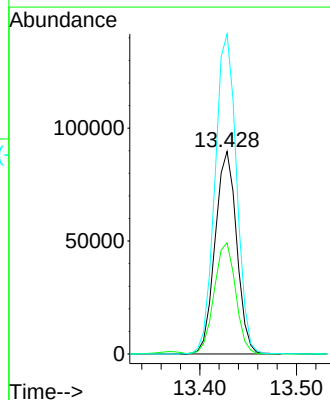
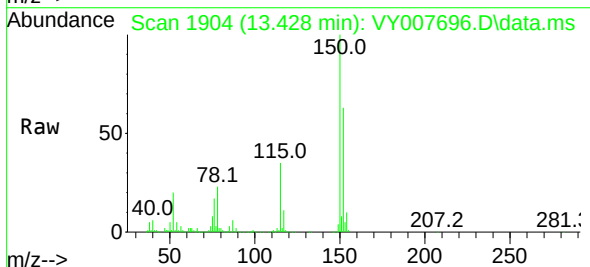
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VACLOT-TOPSOIL-GRILLO-01

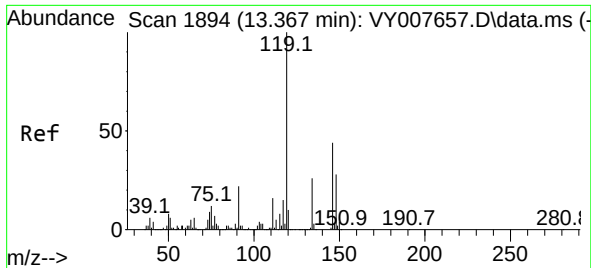
Tgt Ion:117 Resp: 430298
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007696.D
Acq: 03 Mar 2022 12:01

Tgt Ion:152 Resp: 138727
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 157.9 0.0 347.6





#86
 p-Isopropyltoluene
 Concen: 2.207 ug/l
 RT: 13.367 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY007696.D
 Acq: 03 Mar 2022 12:01

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

Tgt Ion:119 Resp: 21430
 Ion Ratio Lower Upper
 119 100
 134 30.0 13.2 39.5
 91 29.8 12.4 37.2

