

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030222\
 Data File : VY007689.D
 Acq On : 02 Mar 2022 15:06
 Operator : SY/MD
 Sample : N1731-02
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Mar 03 00:34:24 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)

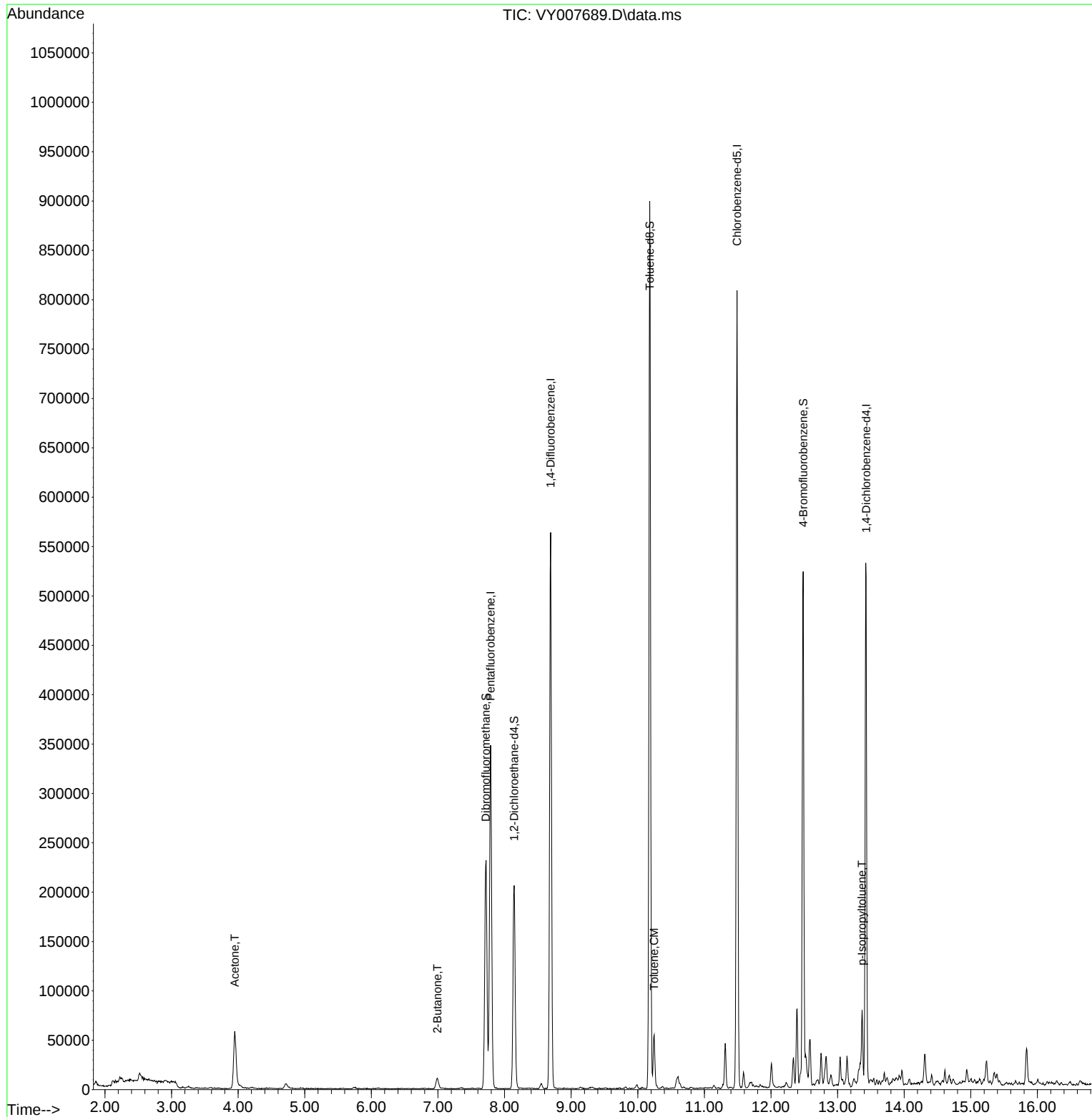
Internal Standards						
1) Pentafluorobenzene	7.789	168	266979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	479298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	421585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	162005	57.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.920%	
35) Dibromofluoromethane	7.716	113	161105	52.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.140%	
50) Toluene-d8	10.179	98	582441	51.635	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.483	95	147187	40.481	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.960%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	99858	175.625	ug/l #	89
25) 2-Butanone	6.990	43	17617	18.470	ug/l #	76
52) Toluene	10.246	92	22232	2.563	ug/l	98
86) p-Isopropyltoluene	13.367	119	37812	4.135	ug/l	97

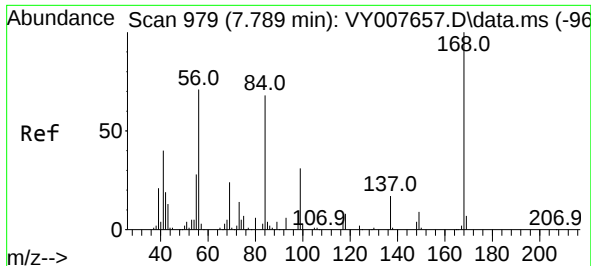
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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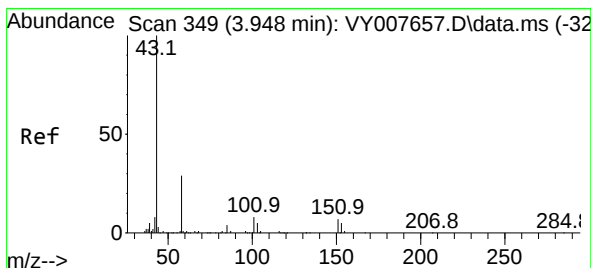
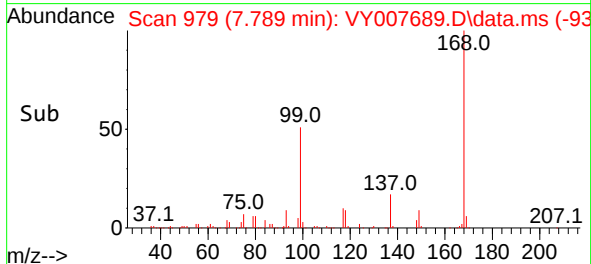
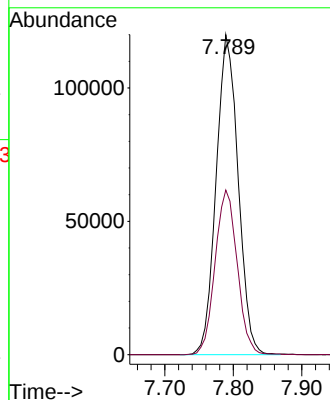
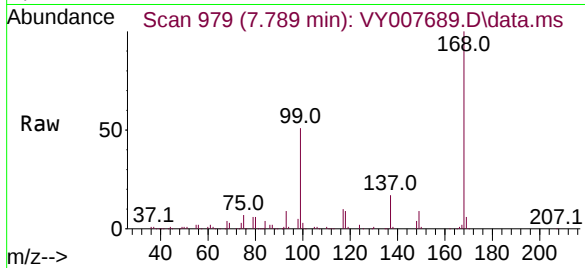




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007689.D
Acq: 02 Mar 2022 15:06

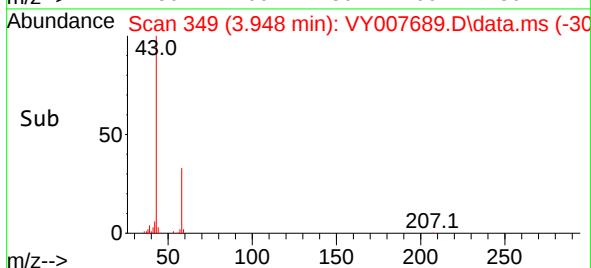
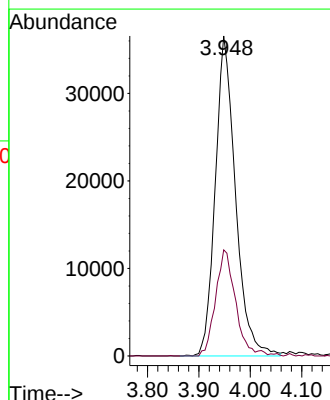
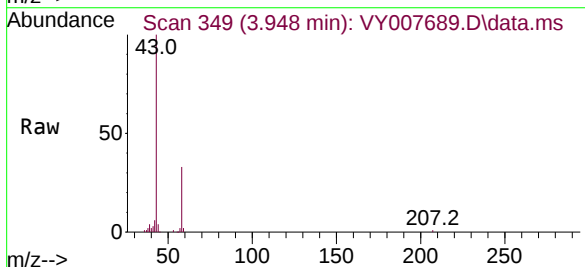
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-GRILLO-01A

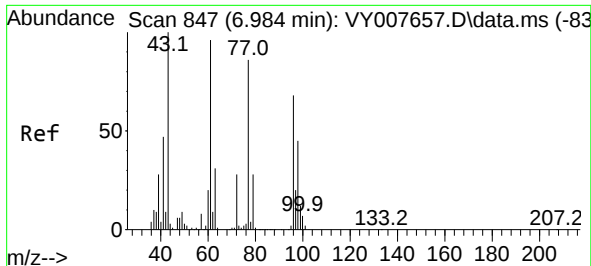
Tgt Ion:168 Resp: 266979
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#16
Acetone
Concen: 175.625 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007689.D
Acq: 02 Mar 2022 15:06

Tgt Ion: 43 Resp: 99858
Ion Ratio Lower Upper
43 100
58 33.1 22.0 33.0#

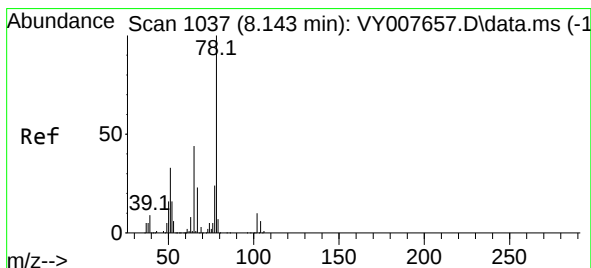
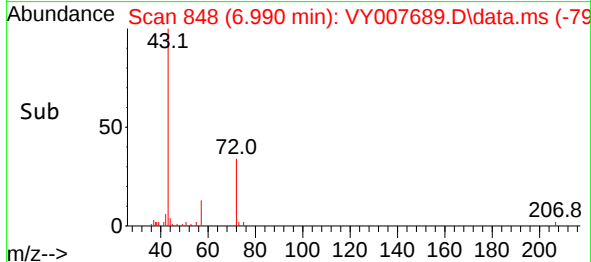
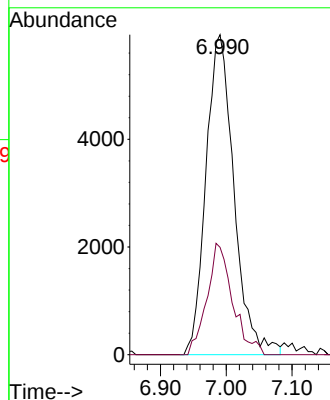
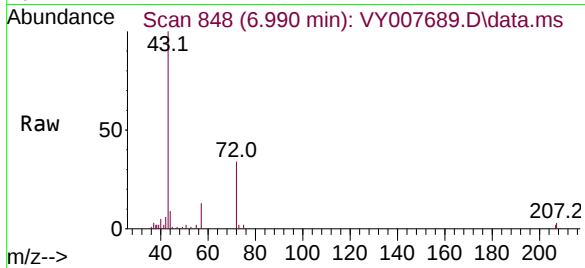




#25
2-Butanone
Concen: 18.470 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY007689.D
Acq: 02 Mar 2022 15:06

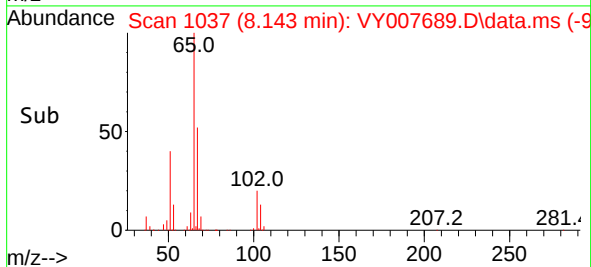
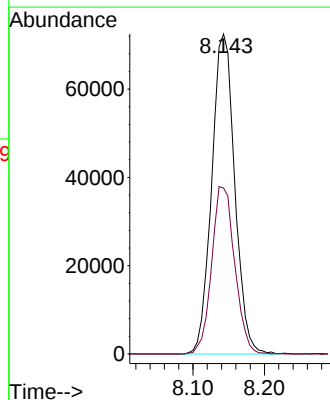
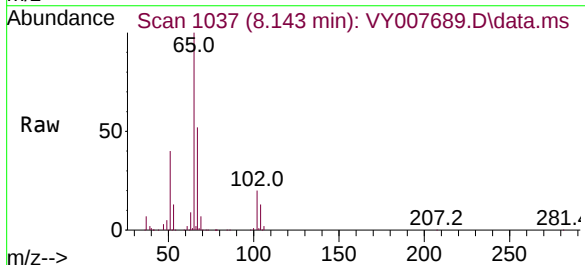
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-GRILLO-01A

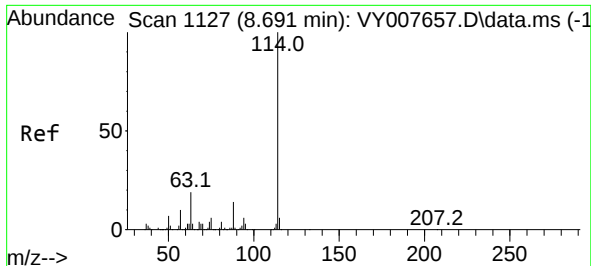
Tgt Ion: 43 Resp: 17617
Ion Ratio Lower Upper
43 100
72 33.5 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 57.962 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007689.D
Acq: 02 Mar 2022 15:06

Tgt Ion: 65 Resp: 162005
Ion Ratio Lower Upper
65 100
67 52.5 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: VY007689.D

Acq: 02 Mar 2022 15:06

Instrument :

MSVOA_Y

ClientSampleId :

VACLOT-TOPSOIL-GRILLO-01A

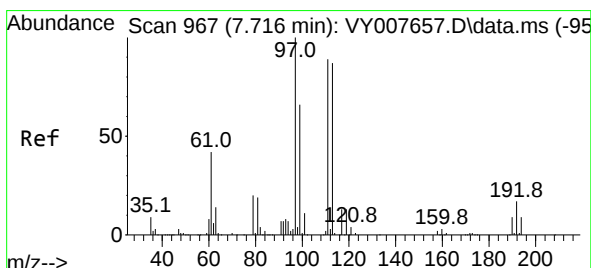
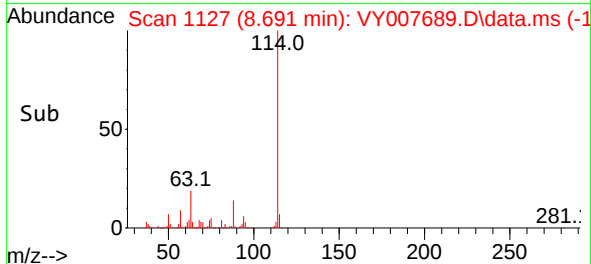
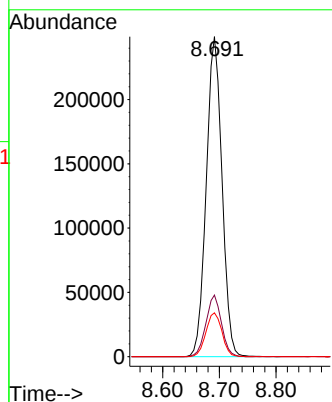
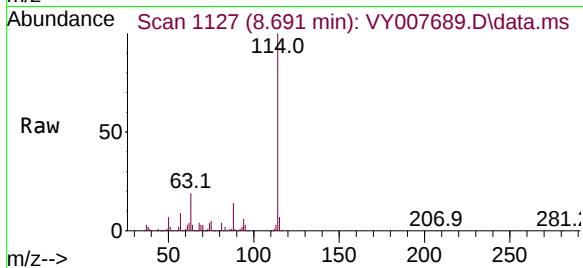
Tgt Ion:114 Resp: 479298

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.575 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007689.D

Acq: 02 Mar 2022 15:06

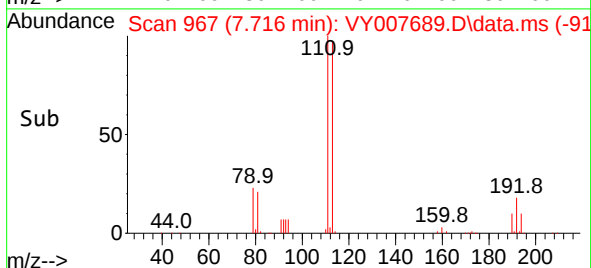
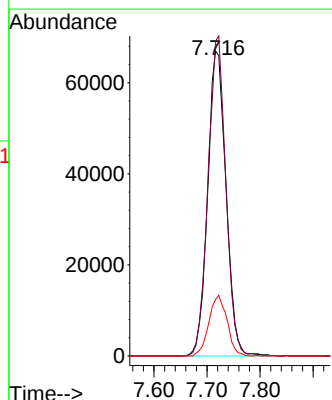
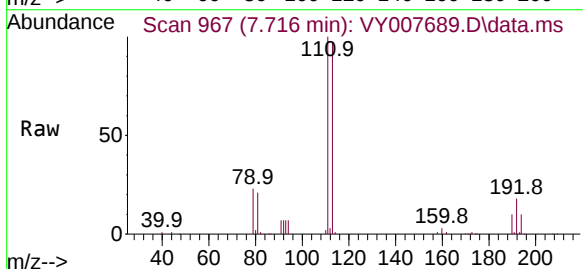
Tgt Ion:113 Resp: 161105

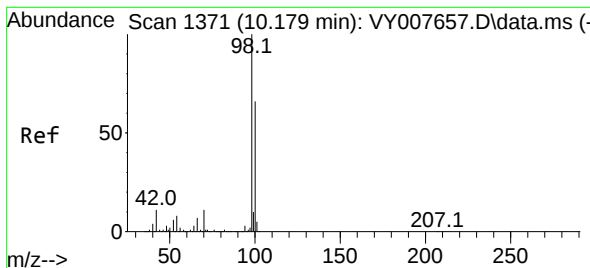
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 19.6 17.6 26.4

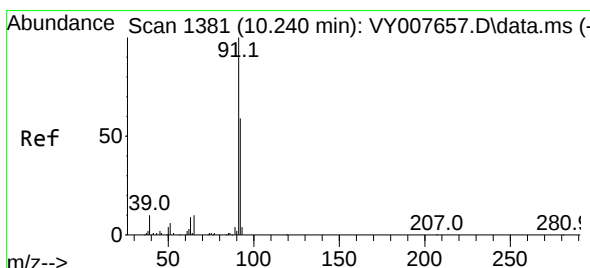
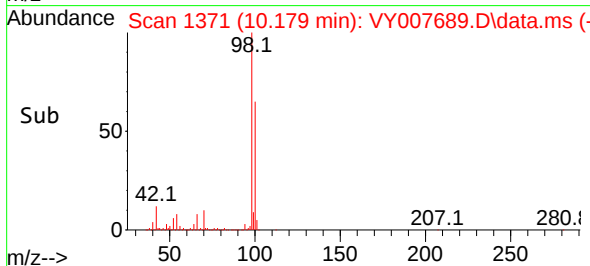
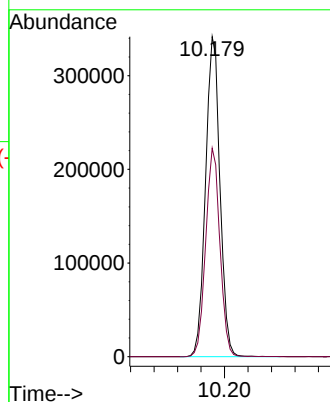
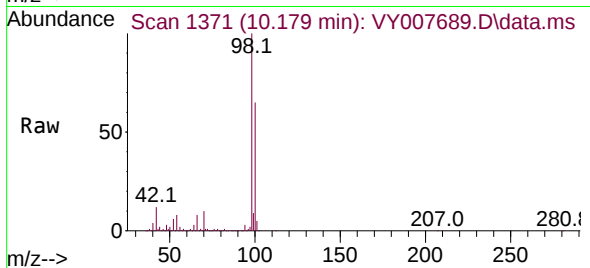




#50
Toluene-d8
Concen: 51.635 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007689.D
Acq: 02 Mar 2022 15:06

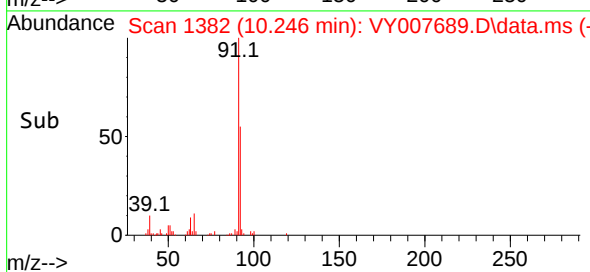
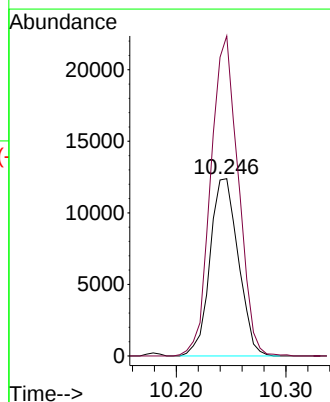
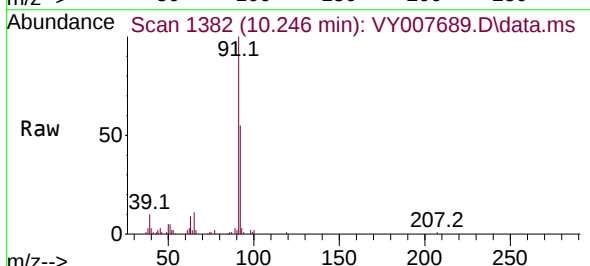
Instrument : MSVOA_Y
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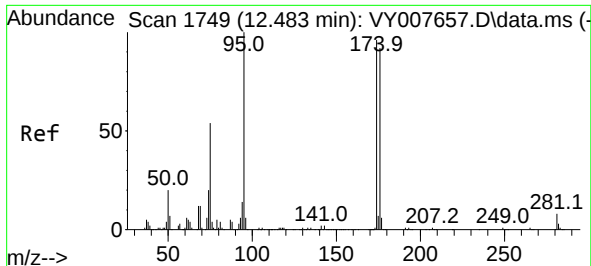
Tgt Ion: 98 Resp: 582441
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#52
Toluene
Concen: 2.563 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007689.D
Acq: 02 Mar 2022 15:06

Tgt Ion: 92 Resp: 22232
Ion Ratio Lower Upper
92 100
91 175.5 142.6 213.8

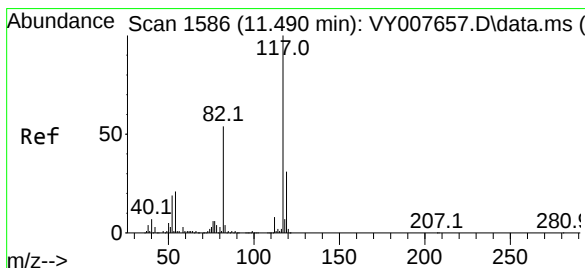
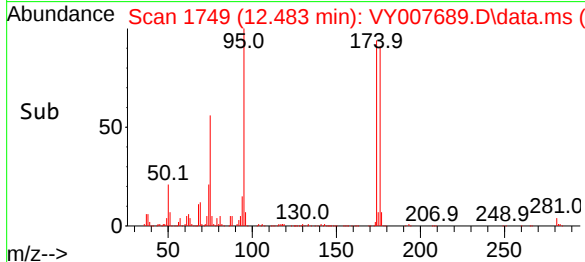
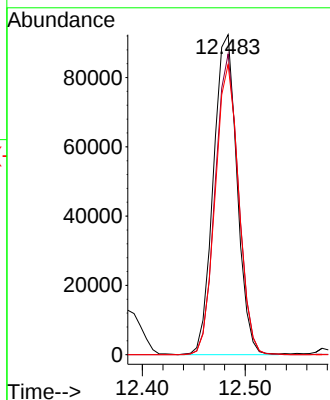
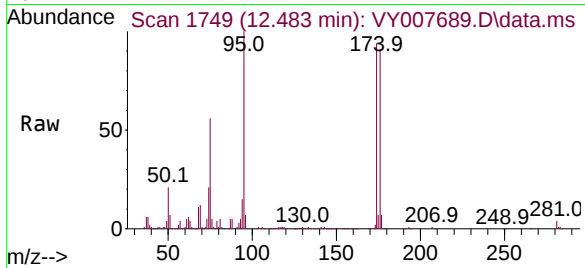




#62
4-Bromofluorobenzene
Concen: 40.481 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007689.D
Acq: 02 Mar 2022 15:06

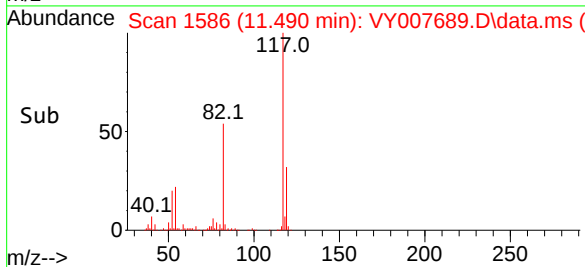
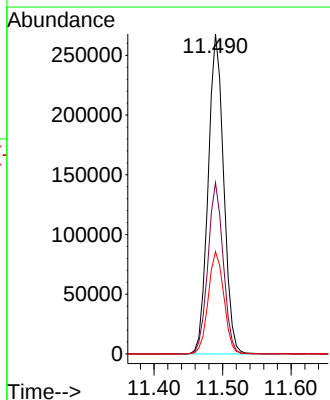
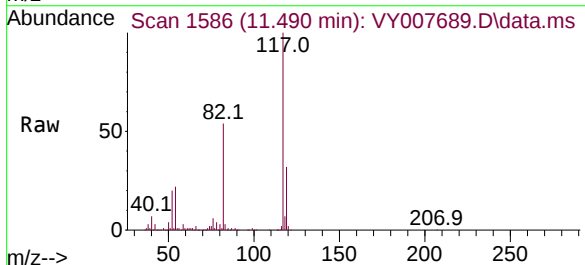
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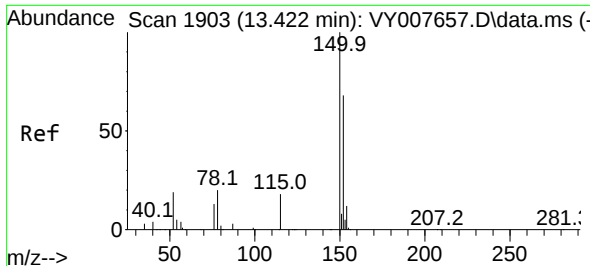
Tgt Ion: 95 Resp: 147187
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 90.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007689.D
Acq: 02 Mar 2022 15:06

Tgt Ion: 117 Resp: 421585
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.0 25.4 38.0

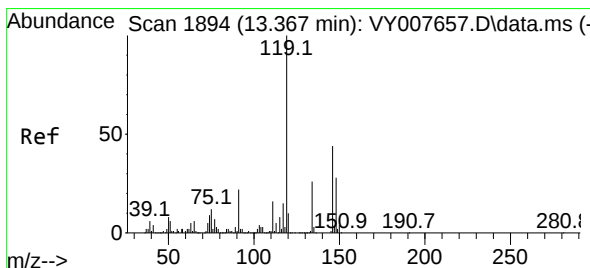
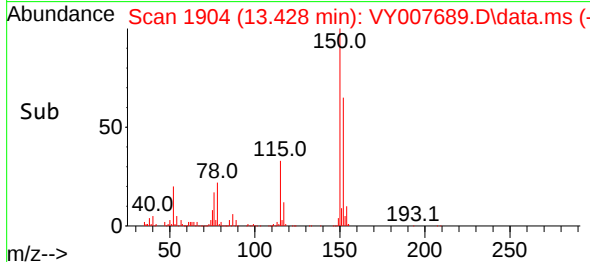
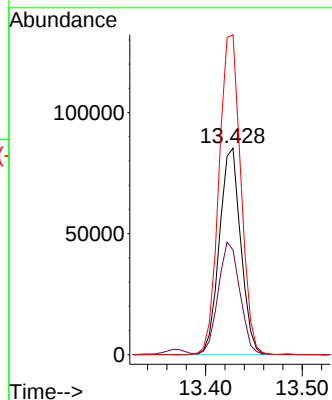
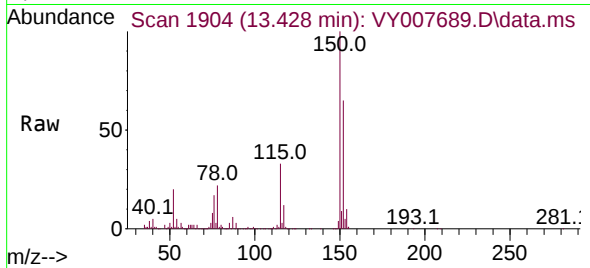




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY007689.D
 Acq: 02 Mar 2022 15:06

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

Tgt Ion:152 Resp: 130627
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 158.3 0.0 347.6



#86
 p-Isopropyltoluene
 Concen: 4.135 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007689.D
 Acq: 02 Mar 2022 15:06

Tgt Ion:119 Resp: 37812
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 27.6 12.4 37.2

