

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007697.D
 Acq On : 03 Mar 2022 12:24
 Operator : SY/MD
 Sample : N1731-02RE
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 04 00:40:30 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)

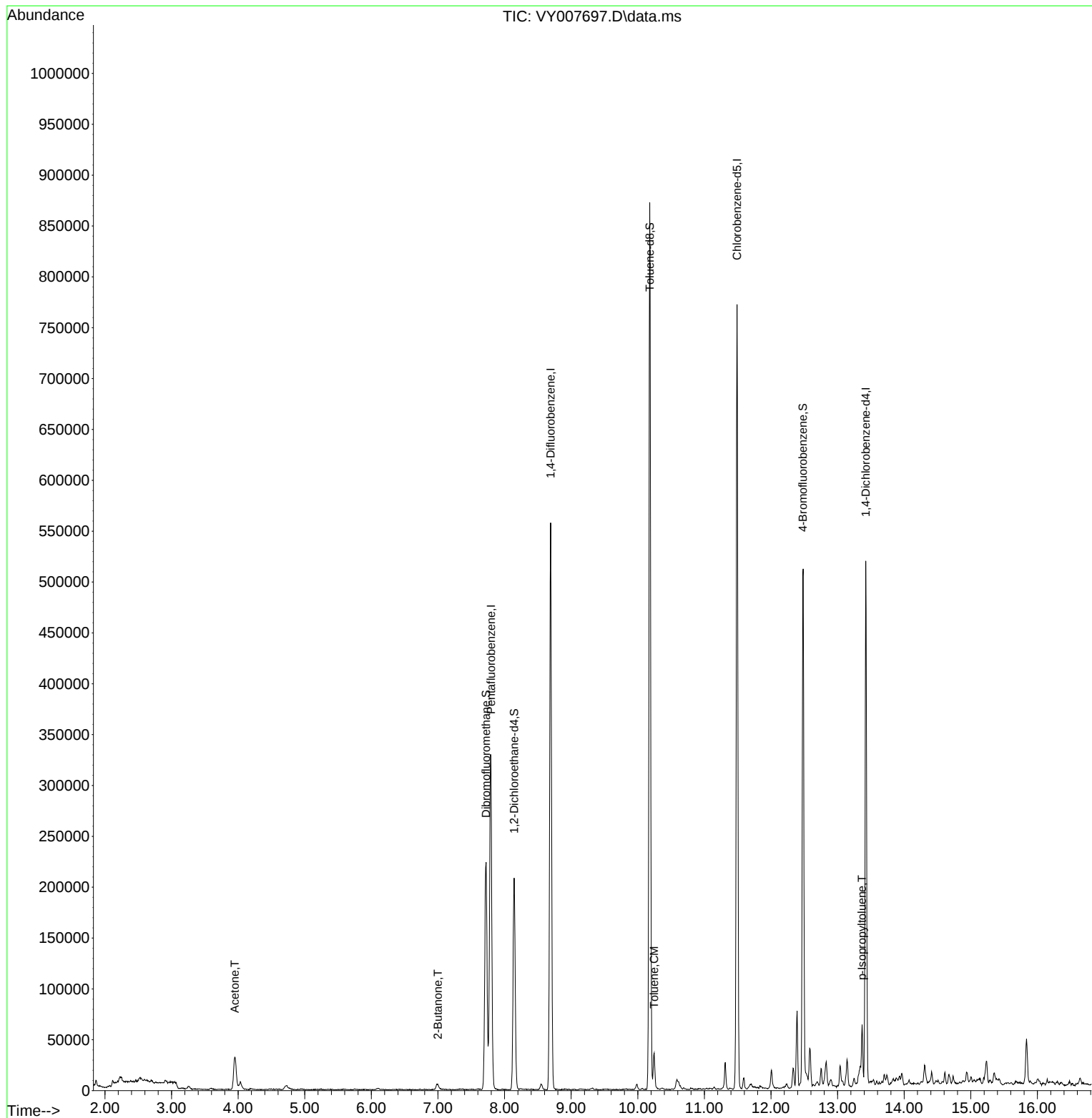
Internal Standards						
1) Pentafluorobenzene	7.795	168	260856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	467723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	408761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	158350	57.984	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.960%	
35) Dibromofluoromethane	7.722	113	157852	52.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.580%	
50) Toluene-d8	10.179	98	569400	51.729	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.477	95	143482	40.438	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.880%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	57999	104.400	ug/l	93
25) 2-Butanone	6.997	43	8937	9.590	ug/l #	80
52) Toluene	10.246	92	14009	1.655	ug/l	99
86) p-Isopropyltoluene	13.367	119	29015	3.265	ug/l	97

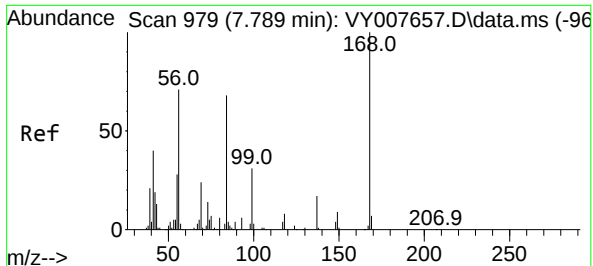
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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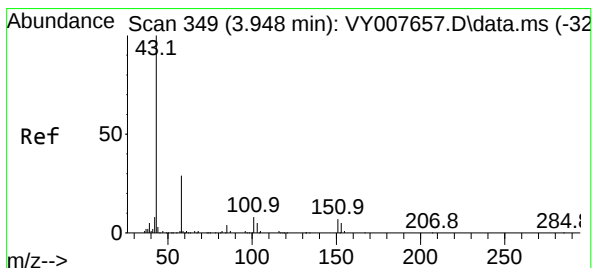
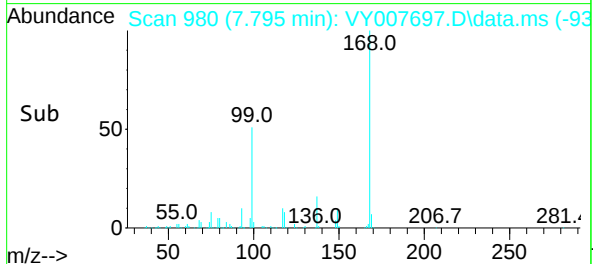
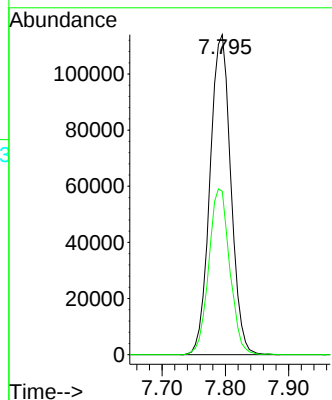
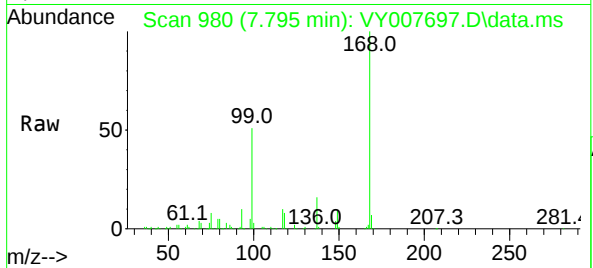




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007697.D
Acq: 03 Mar 2022 12:24

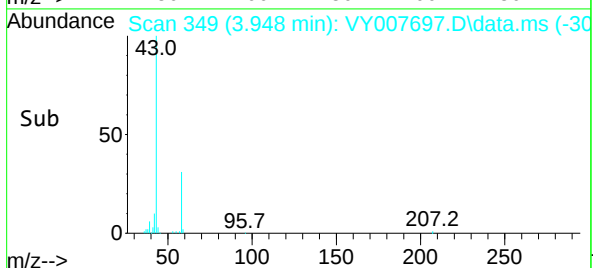
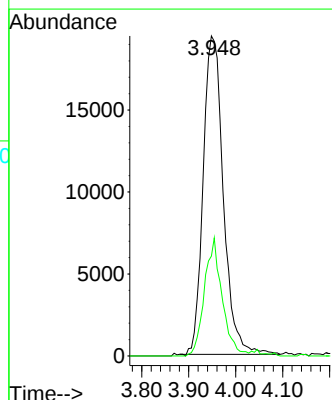
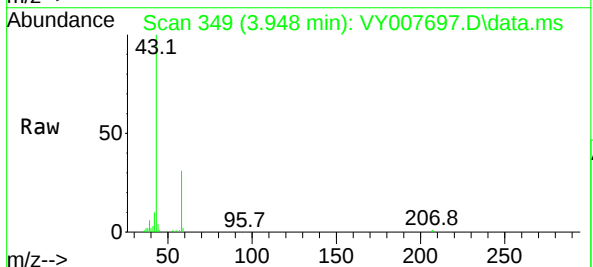
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-GRILLO-01ARE

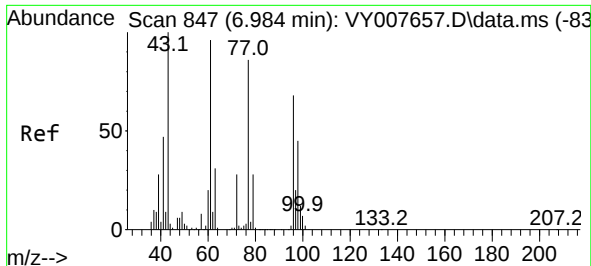
Tgt Ion:168 Resp: 260856
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#16
Acetone
Concen: 104.400 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007697.D
Acq: 03 Mar 2022 12:24

Tgt Ion: 43 Resp: 57999
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0

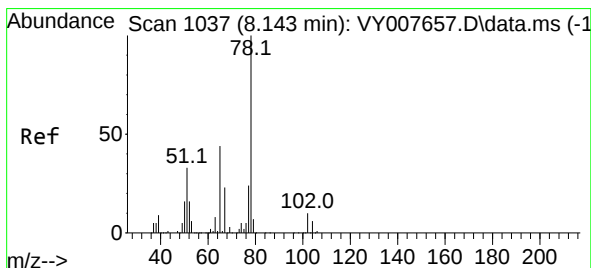
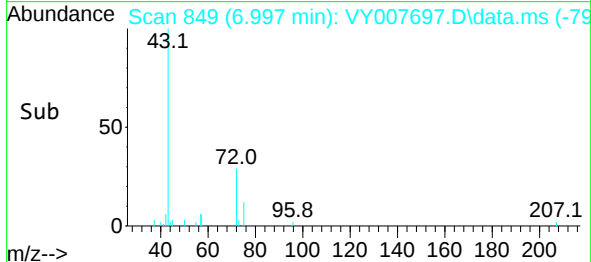
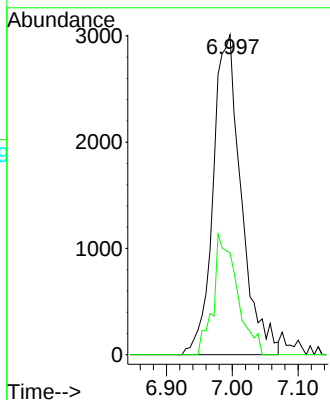
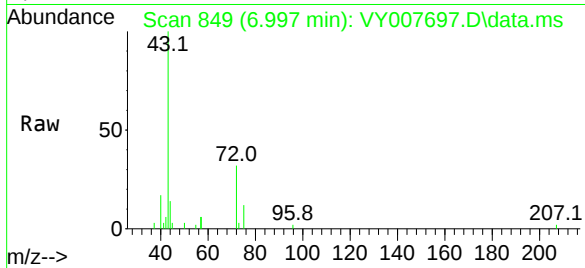




#25
2-Butanone
Concen: 9.590 ug/l
RT: 6.997 min Scan# 847
Delta R.T. 0.013 min
Lab File: VY007697.D
Acq: 03 Mar 2022 12:24

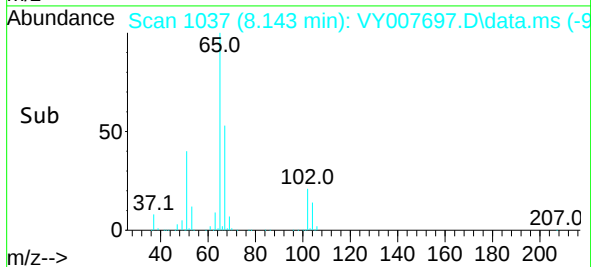
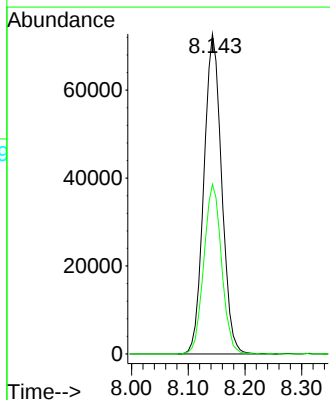
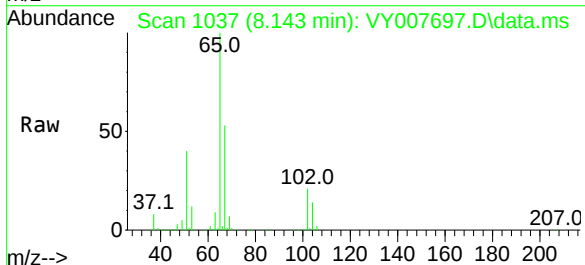
Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-TOPSOIL-GRILLO-01ARE

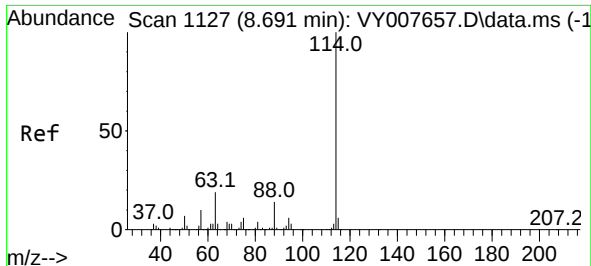
Tgt Ion: 43 Resp: 8937
Ion Ratio Lower Upper
43 100
72 31.7 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 57.984 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007697.D
Acq: 03 Mar 2022 12:24

Tgt Ion: 65 Resp: 158350
Ion Ratio Lower Upper
65 100
67 52.9 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: VY007697.D

Acq: 03 Mar 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

VACLOT-TOPSOIL-GRILLO-01ARE

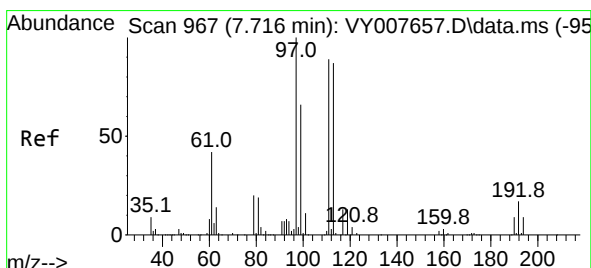
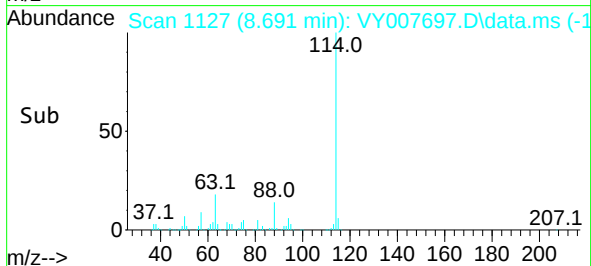
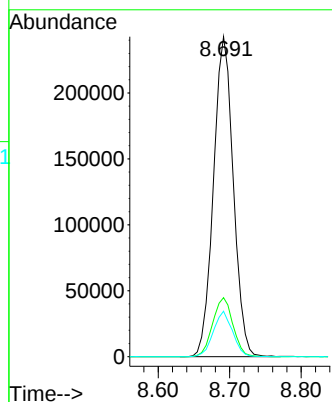
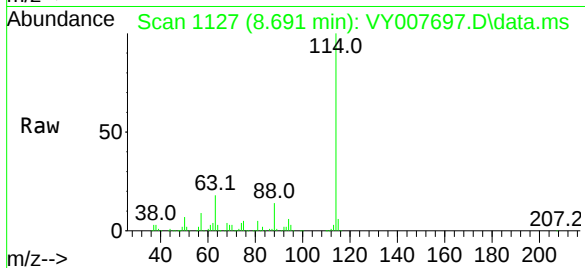
Tgt Ion:114 Resp: 467723

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.788 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007697.D

Acq: 03 Mar 2022 12:24

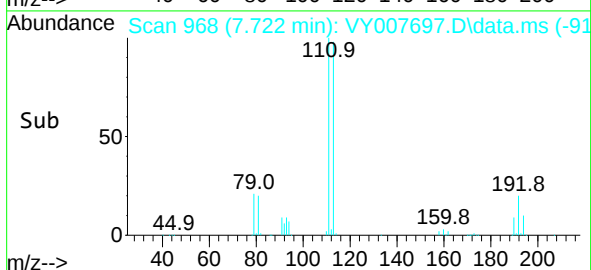
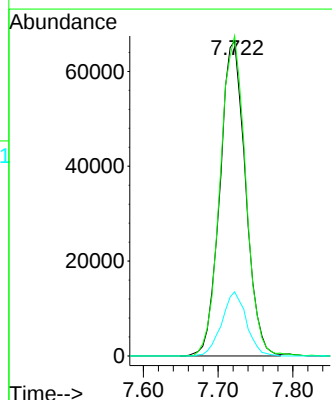
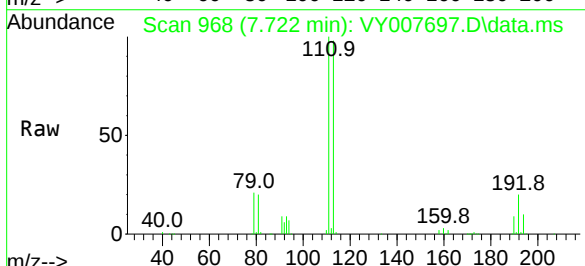
Tgt Ion:113 Resp: 157852

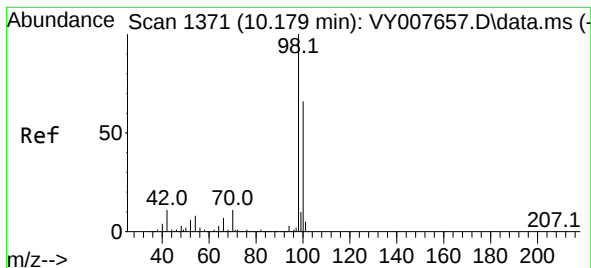
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.7 17.6 26.4

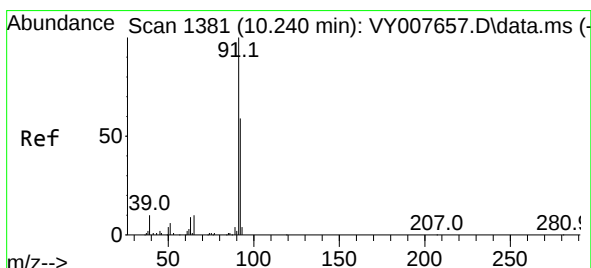
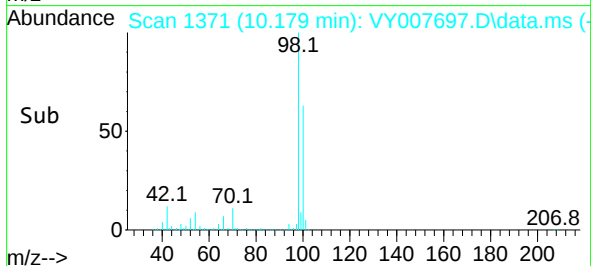
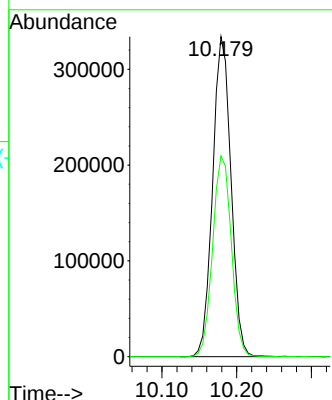
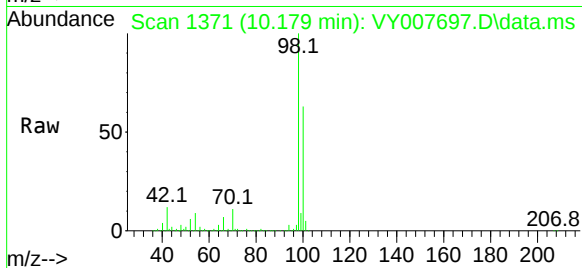




#50
Toluene-d8
Concen: 51.729 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007697.D
Acq: 03 Mar 2022 12:24

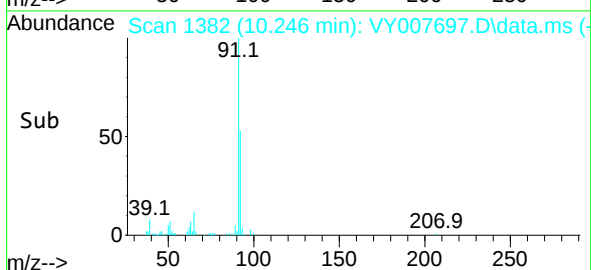
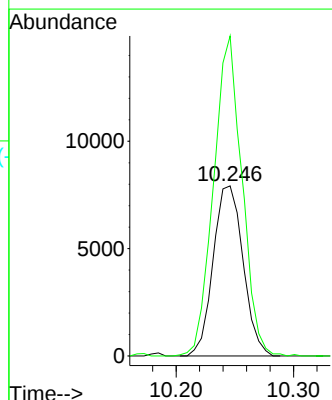
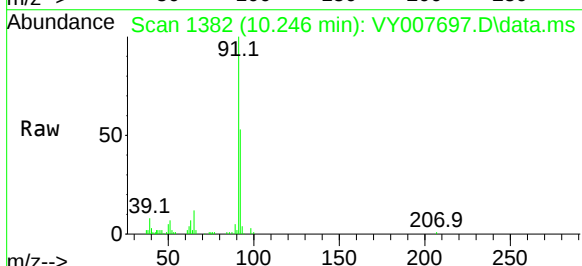
Instrument : MSVOA_Y
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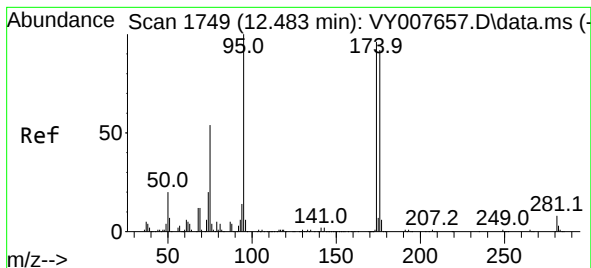
Tgt Ion: 98 Resp: 569400
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#52
Toluene
Concen: 1.655 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY007697.D
Acq: 03 Mar 2022 12:24

Tgt Ion: 92 Resp: 14009
Ion Ratio Lower Upper
92 100
91 179.0 142.6 213.8

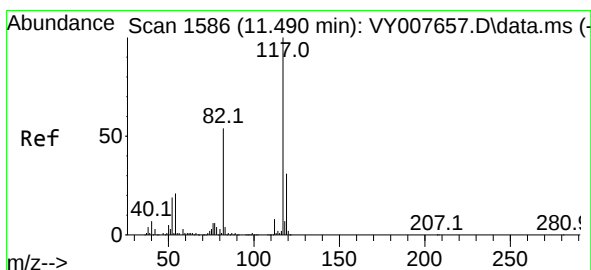
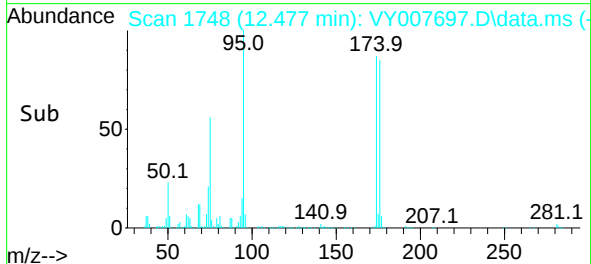
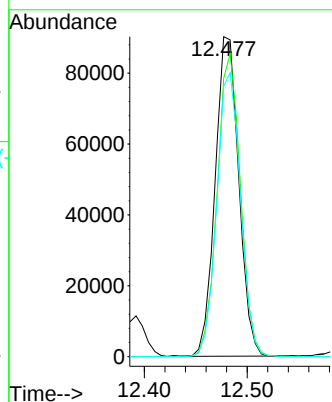
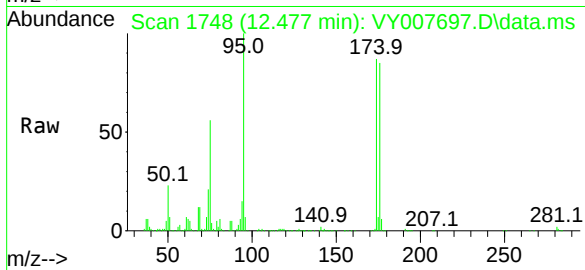




#62
4-Bromofluorobenzene
Concen: 40.438 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007697.D
Acq: 03 Mar 2022 12:24

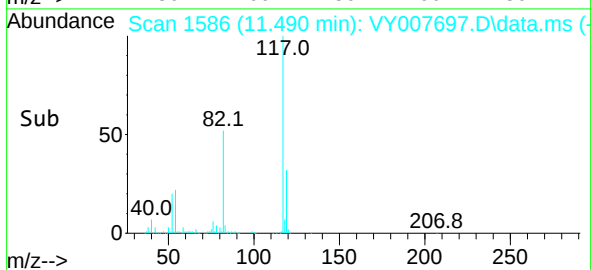
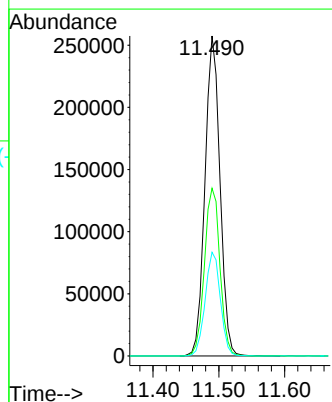
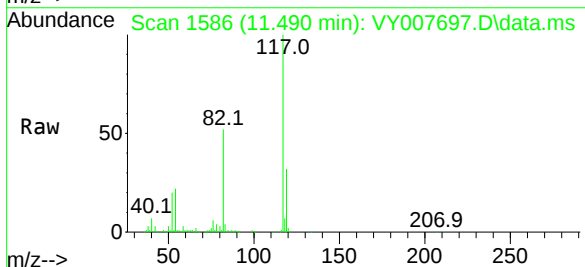
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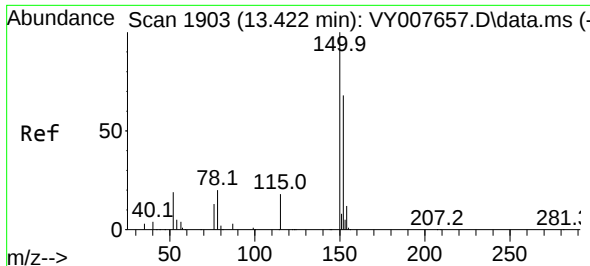
Tgt Ion: 95 Resp: 143482
Ion Ratio Lower Upper
95 100
174 93.9 0.0 177.0
176 89.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007697.D
Acq: 03 Mar 2022 12:24

Tgt Ion: 117 Resp: 408761
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.4 25.4 38.0

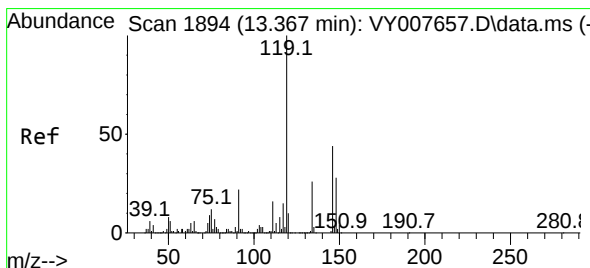
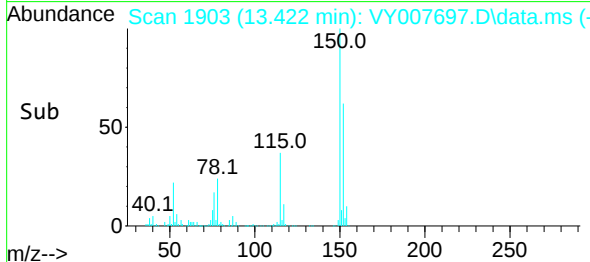
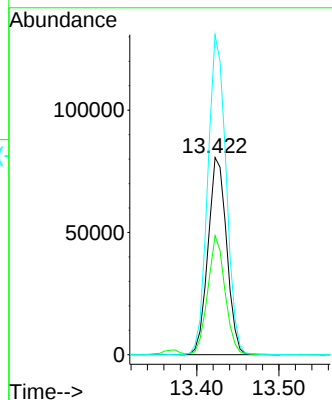
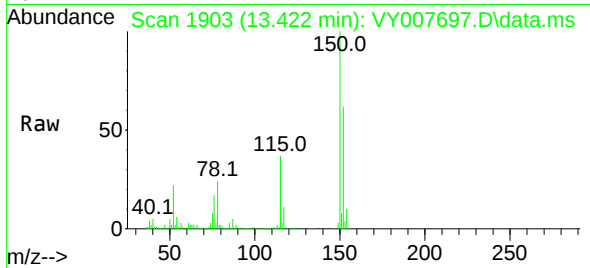




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007697.D
 Acq: 03 Mar 2022 12:24

Instrument : MSVOA_Y
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Tgt Ion:152 Resp: 126953
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.2 84.7
 150 159.7 0.0 347.6



#86
 p-Isopropyltoluene
 Concen: 3.265 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007697.D
 Acq: 03 Mar 2022 12:24

Tgt Ion:119 Resp: 29015
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 28.1 12.4 37.2

