

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006602.D
 Acq On : 03 Nov 2021 15:09
 Operator : SY/MD
 Sample : M4427-01RE
 Misc : 3.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-6-20211029-7.5-8RE

Quant Time: Nov 03 21:20:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	127179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	147624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	31086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88143	56.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.640%
35) Dibromofluoromethane	7.728	113	66621	57.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.740%
50) Toluene-d8	10.185	98	255150	51.832	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.483	95	45071	27.180	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.360%

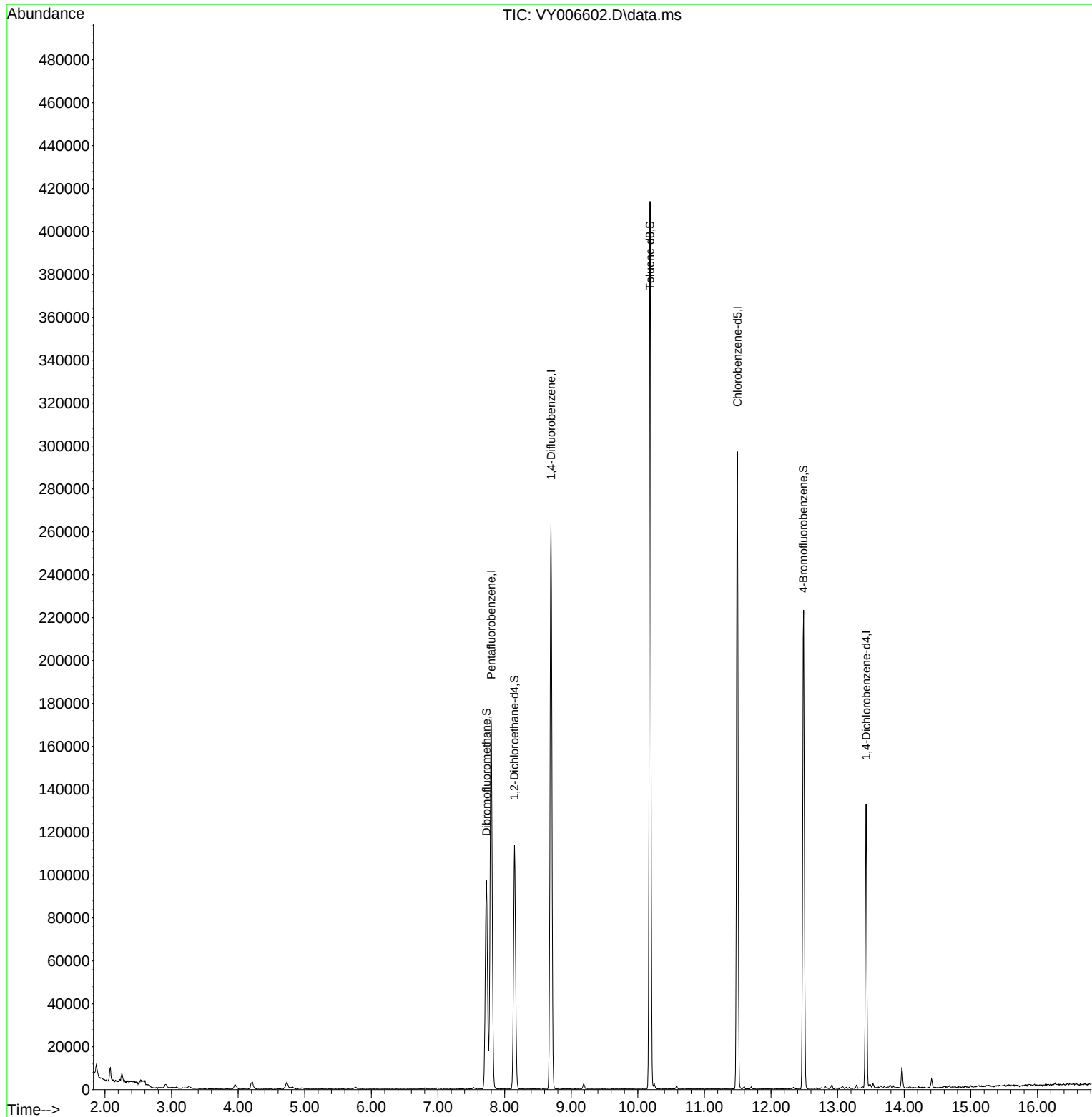
Target Compounds	Qvalue

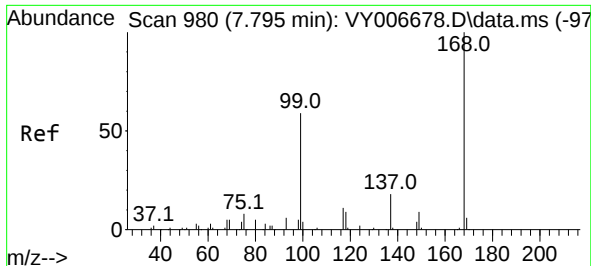
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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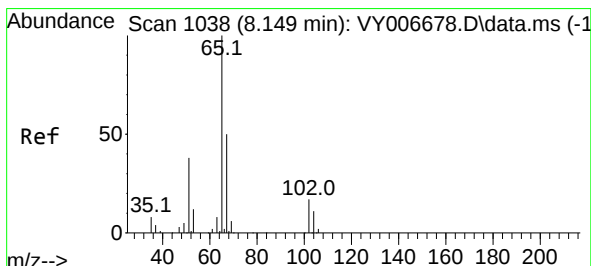
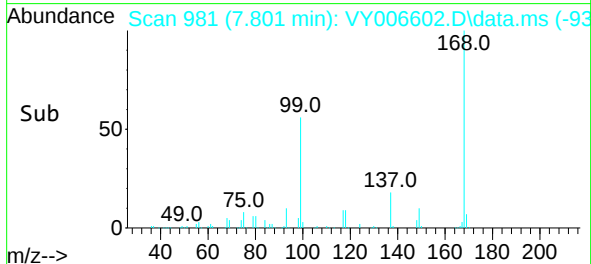
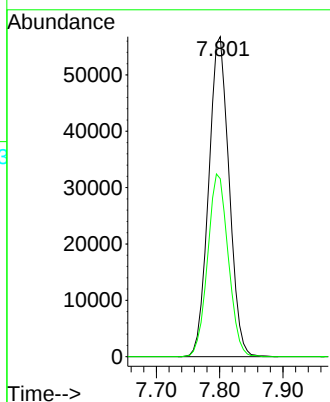
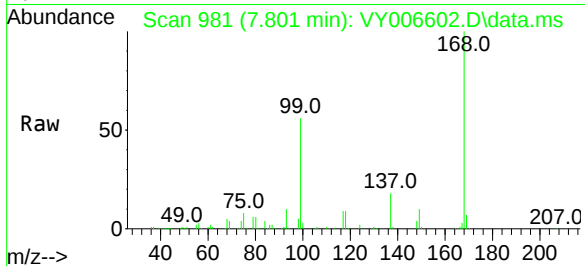




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

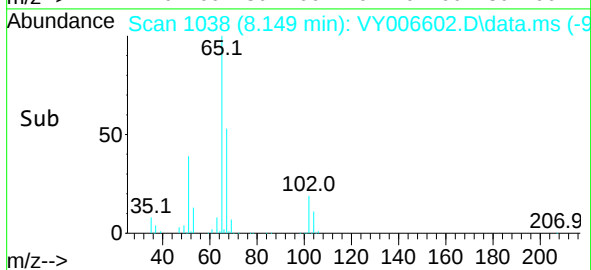
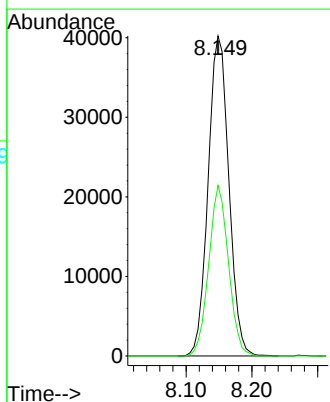
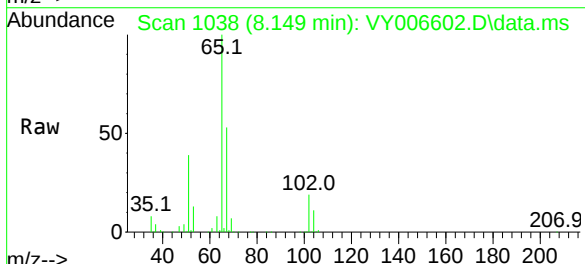
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-6-20211029-7.5-8RE

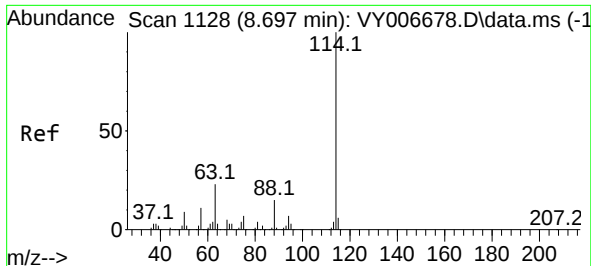
Tgt Ion:168 Resp: 127179
Ion Ratio Lower Upper
168 100
99 55.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 56.321 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion: 65 Resp: 88143
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006602.D

Acq: 03 Nov 2021 15:09

Instrument :

MSVOA_Y

ClientSampleId :

FDR-BH-6-20211029-7.5-8RE

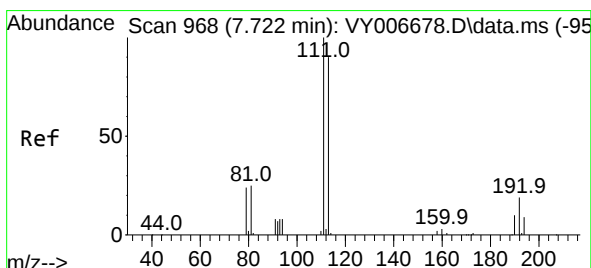
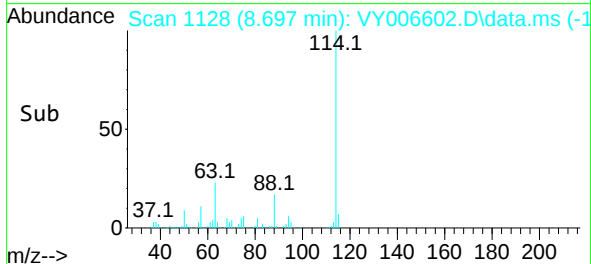
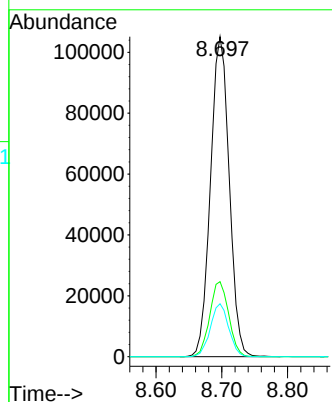
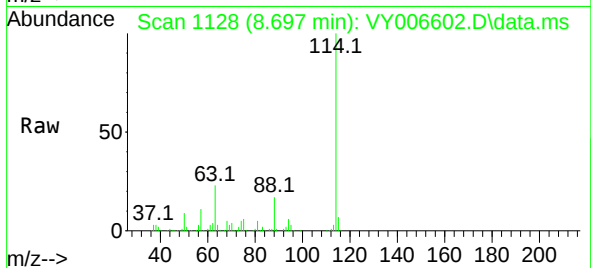
Tgt Ion:114 Resp: 208341

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.371 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006602.D

Acq: 03 Nov 2021 15:09

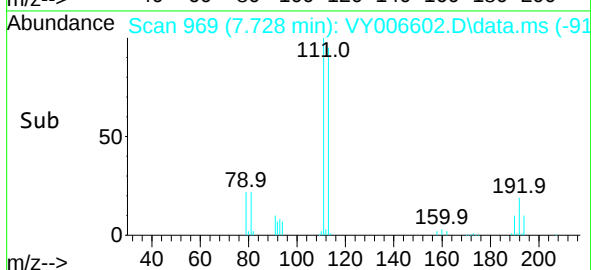
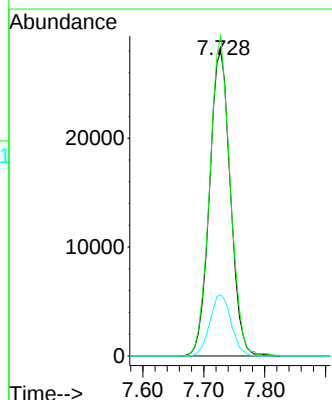
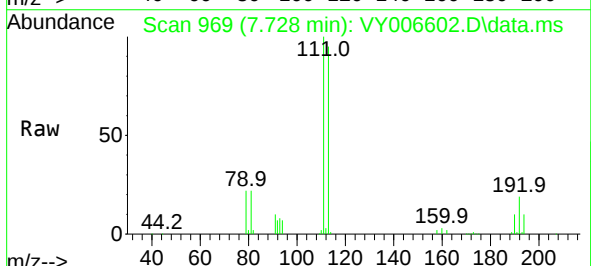
Tgt Ion:113 Resp: 66621

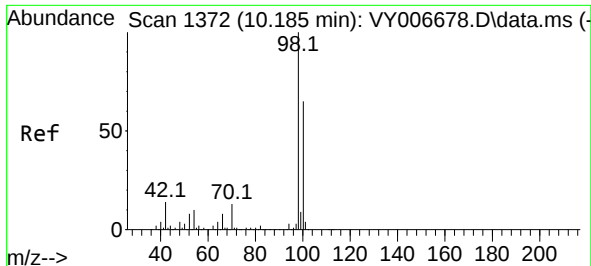
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 20.5 17.4 26.2

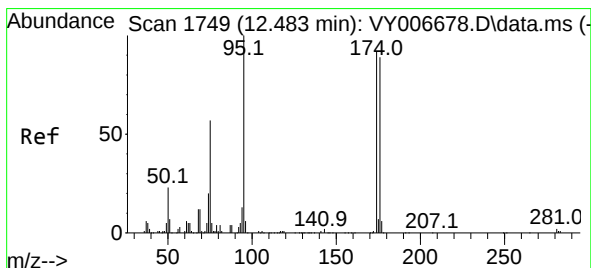
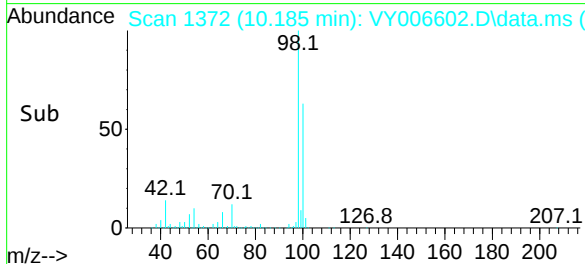
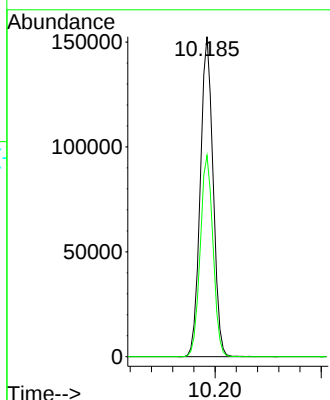
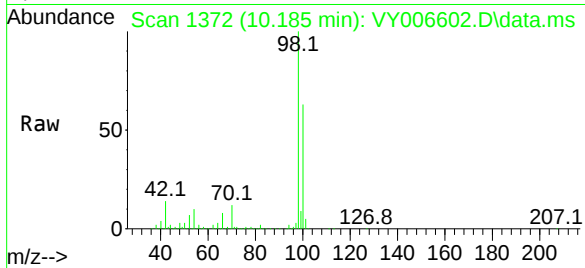




#50
Toluene-d8
Concen: 51.832 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

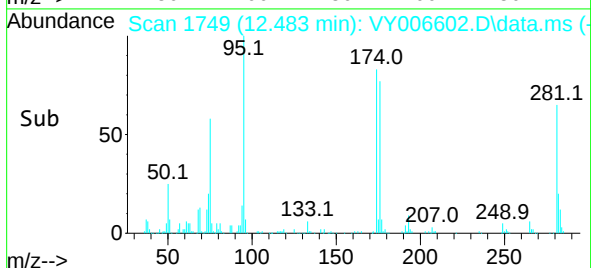
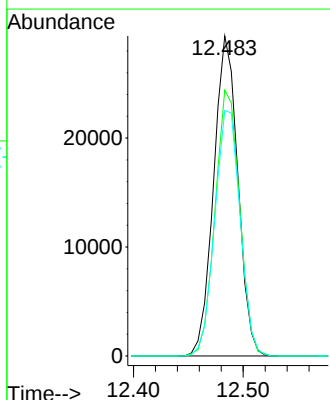
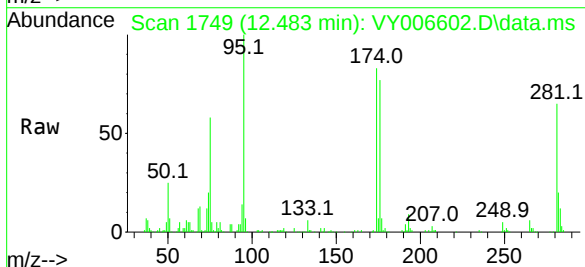
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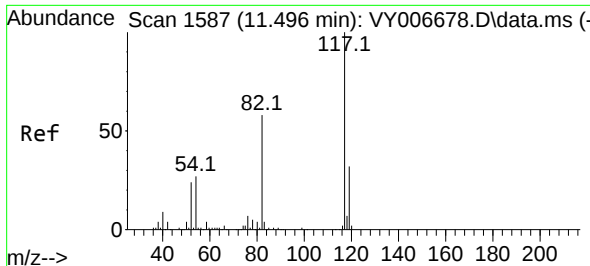
Tgt Ion: 98 Resp: 255150
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 27.180 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion: 95 Resp: 45071
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.6 0.0 169.4

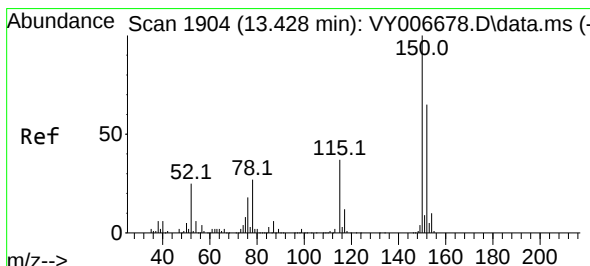
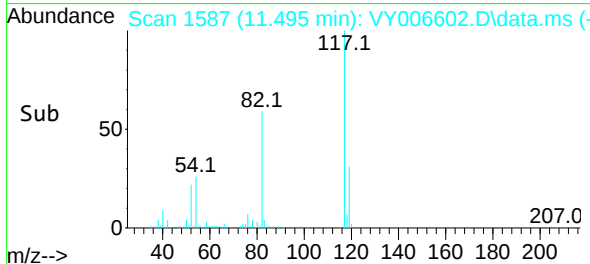
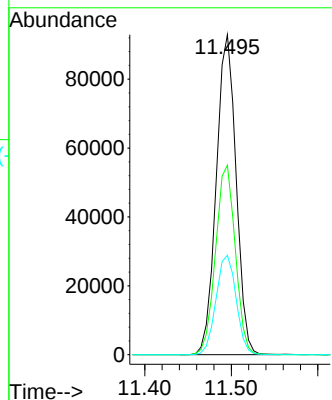
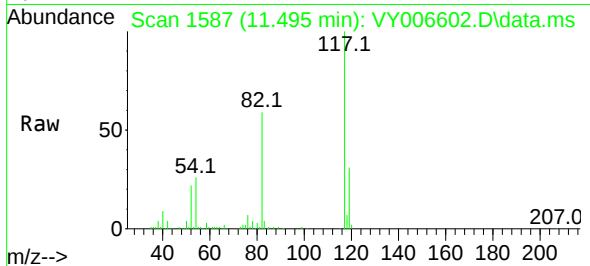




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-6-20211029-7.5-8RE

Tgt Ion:	117	Resp:	147624
Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.7	68.5
119	31.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion:	152	Resp:	31086
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.5	85.5
150	157.1	0.0	348.2

