

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008138.D
 Acq On : 31 Mar 2022 14:45
 Operator : SY/MD
 Sample : N2202-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHF

Quant Time: Apr 01 04:33:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	57878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	104949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	99847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35075	60.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.800%
35) Dibromofluoromethane	7.716	113	33492	50.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.800%
50) Toluene-d8	10.179	98	127590	51.468	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.483	95	43061	49.235	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.460%

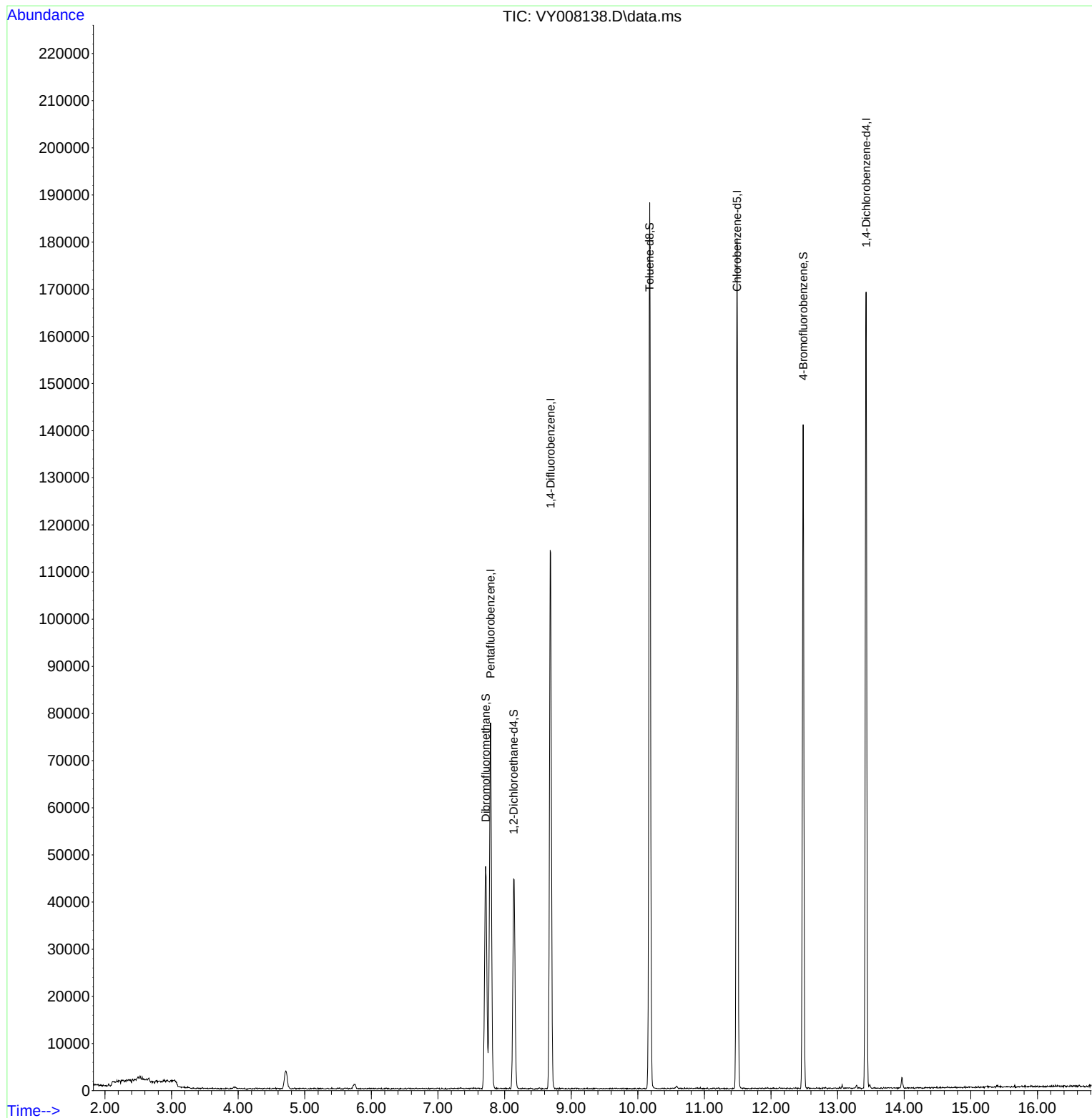
Target Compounds	Qvalue

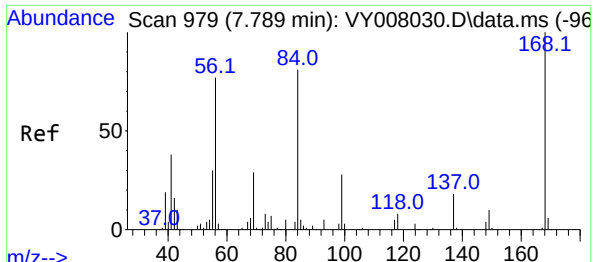
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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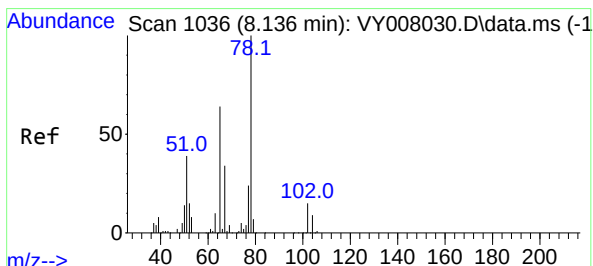
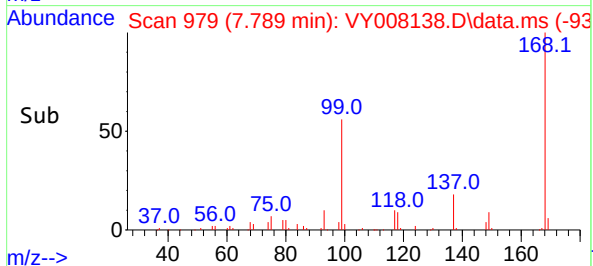
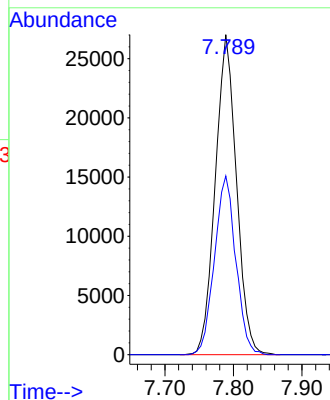
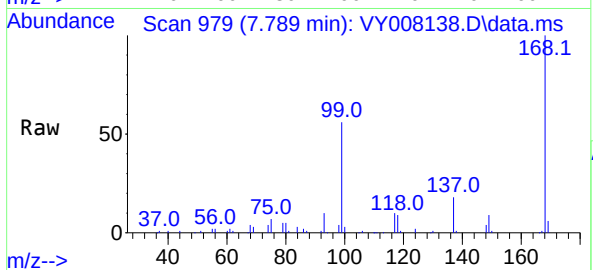




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008138.D
Acq: 31 Mar 2022 14:45

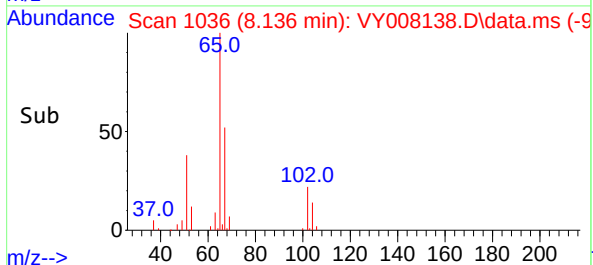
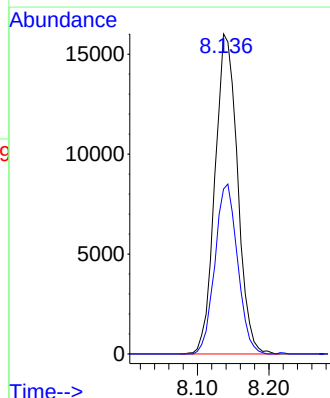
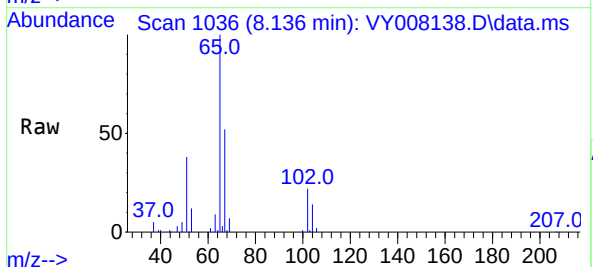
Instrument :
MSVOA_Y
ClientSampleId :
MHF

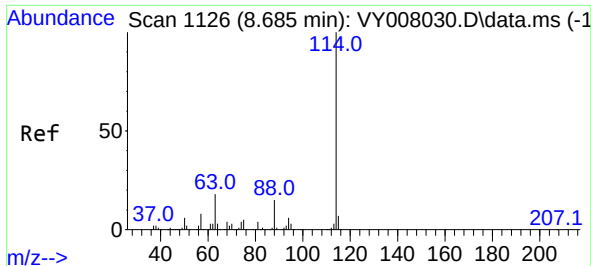
Tgt Ion:168 Resp: 57878
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.402 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008138.D
Acq: 31 Mar 2022 14:45

Tgt Ion: 65 Resp: 35075
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008138.D

Acq: 31 Mar 2022 14:45

Instrument :

MSVOA_Y

ClientSampleId :

MHF

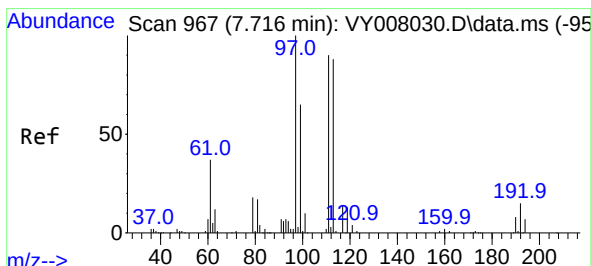
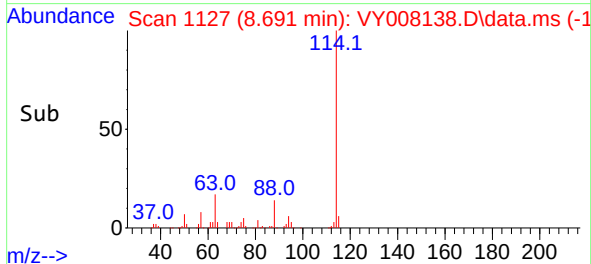
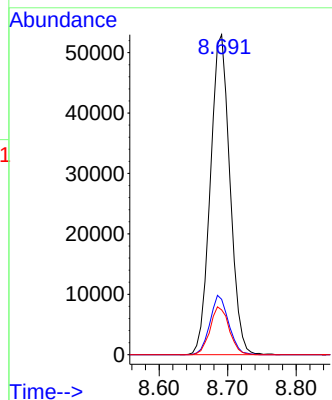
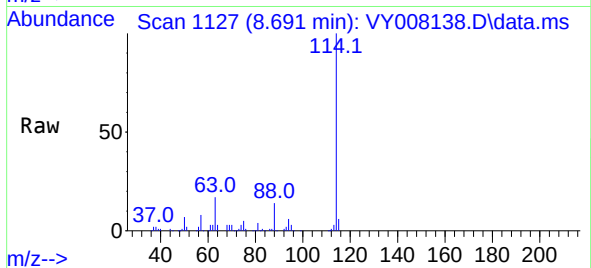
Tgt Ion:114 Resp: 104949

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.900 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008138.D

Acq: 31 Mar 2022 14:45

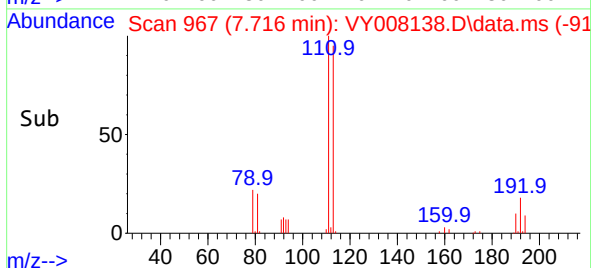
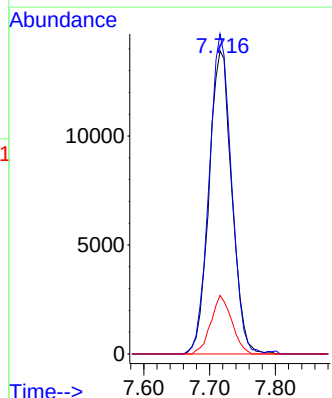
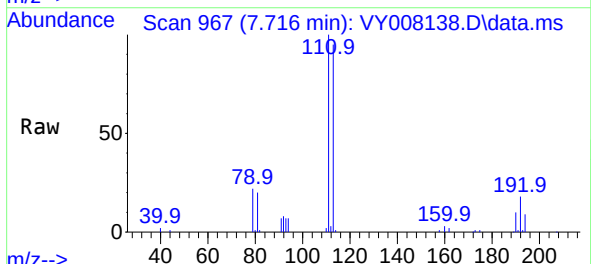
Tgt Ion:113 Resp: 33492

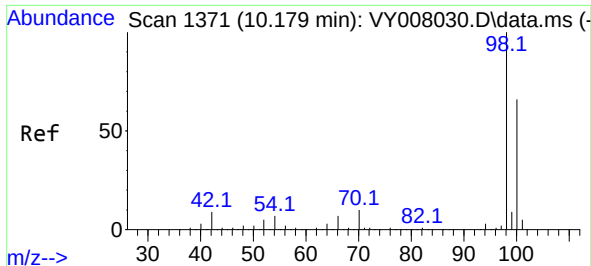
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 17.7 17.6 26.4

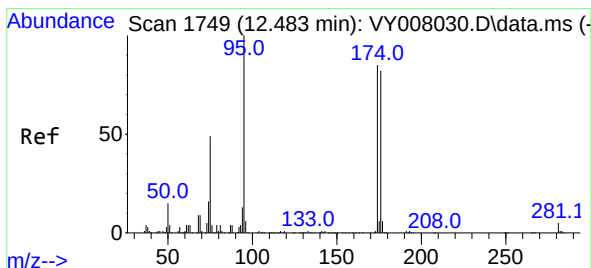
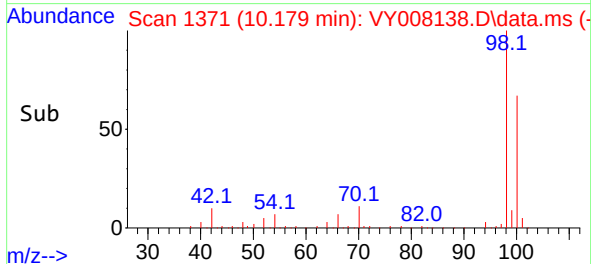
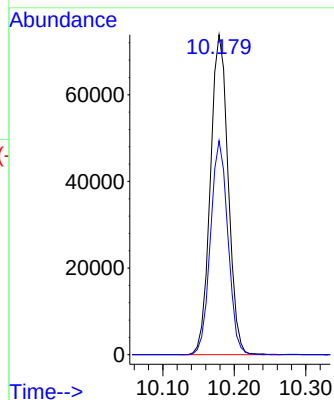
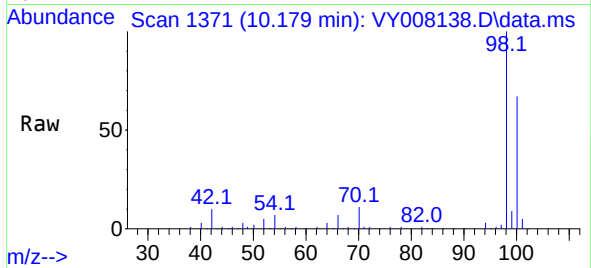




#50
Toluene-d8
Concen: 51.468 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008138.D
Acq: 31 Mar 2022 14:45

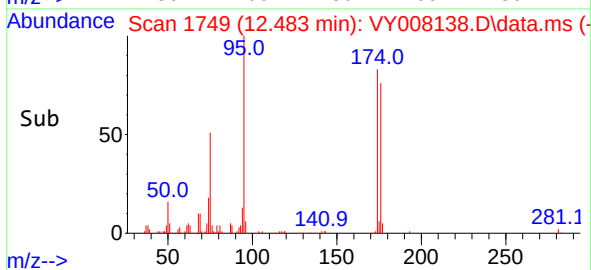
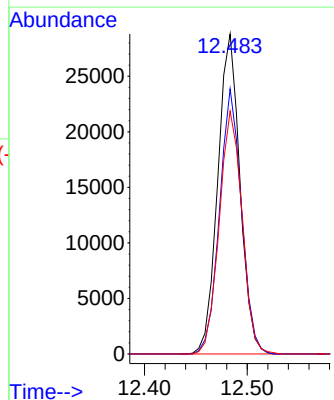
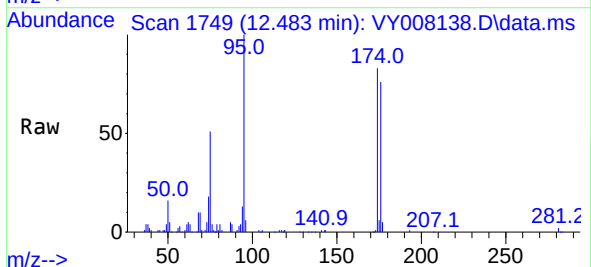
Instrument :
MSVOA_Y
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MHF

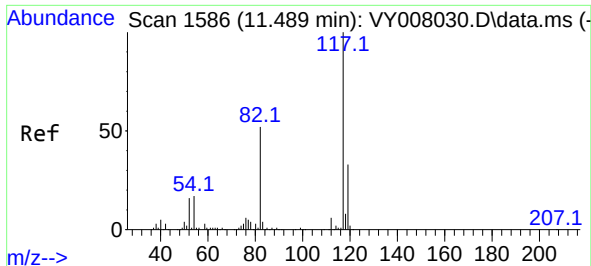
Tgt Ion: 98 Resp: 127590
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.235 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008138.D
Acq: 31 Mar 2022 14:45

Tgt Ion: 95 Resp: 43061
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 78.2 0.0 175.8

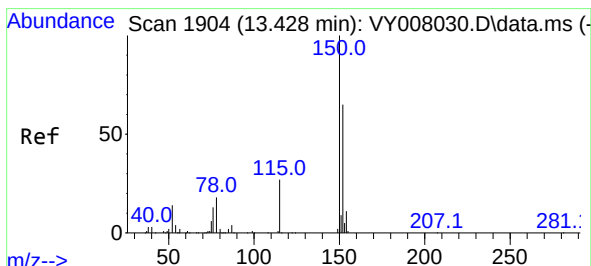
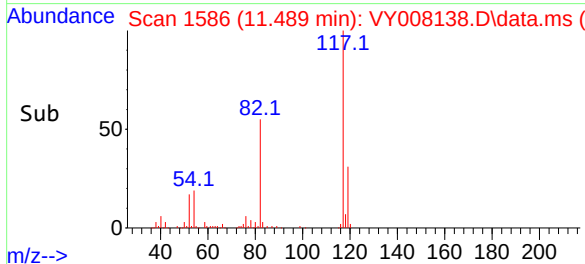
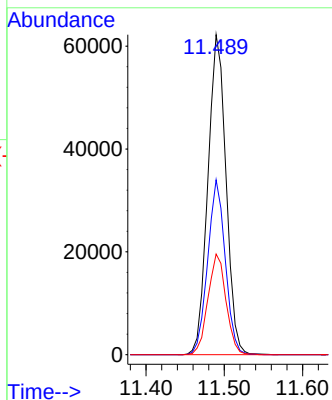
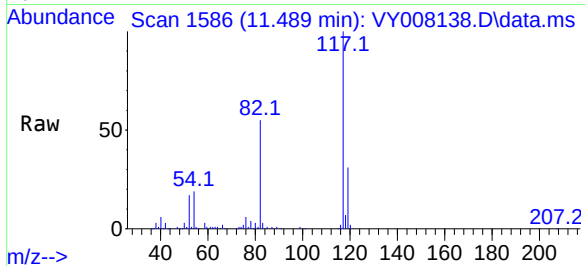




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008138.D
Acq: 31 Mar 2022 14:45

Instrument :
MSVOA_Y
ClientSampleId :
MHF

Tgt Ion:	117	Resp:	99847
Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.0	64.4
119	31.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008138.D
Acq: 31 Mar 2022 14:45

Tgt Ion:	152	Resp:	43104
Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.2	84.7
150	161.2	0.0	347.6

