

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008551.D
 Acq On : 28 Apr 2022 16:33
 Operator : KP/MD
 Sample : N2600-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15D

Quant Time: Apr 29 02:01:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	2522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4052	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1683	56.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.440%	
35) Dibromofluoromethane	7.722	113	1259	40.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 81.940%	
50) Toluene-d8	10.179	98	5208	42.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 85.720%	
62) 4-Bromofluorobenzene	12.489	95	1615	39.033	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.060%	

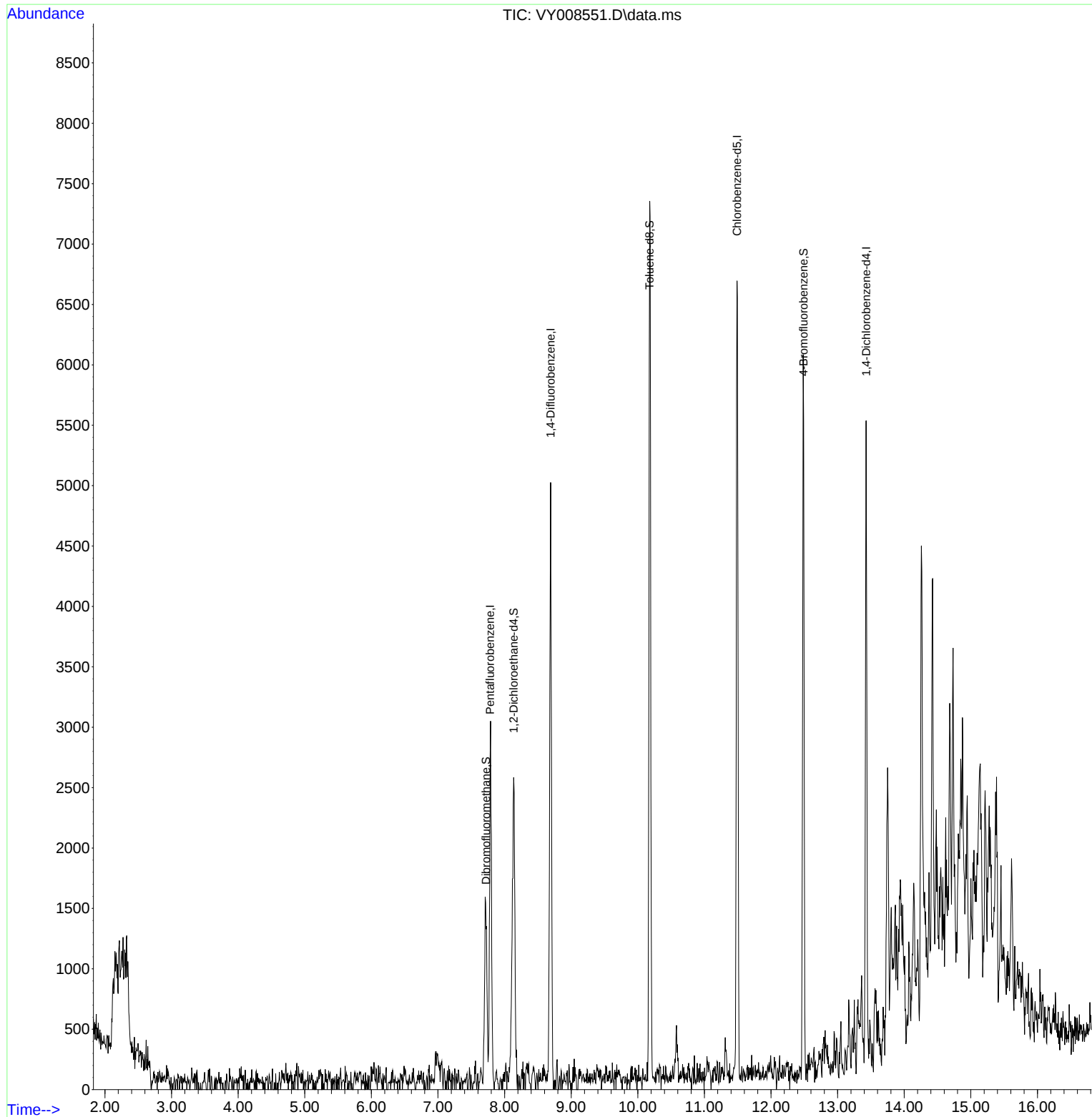
Target Compounds	Qvalue

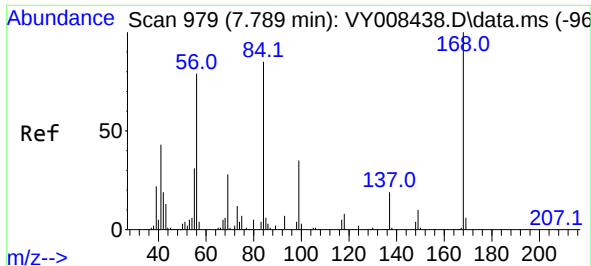
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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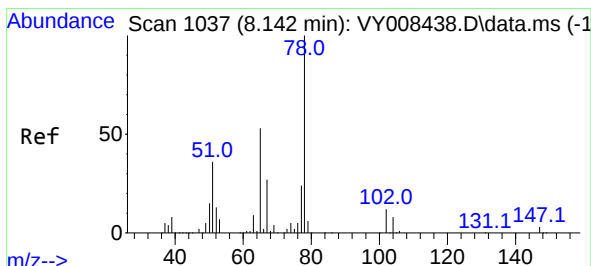
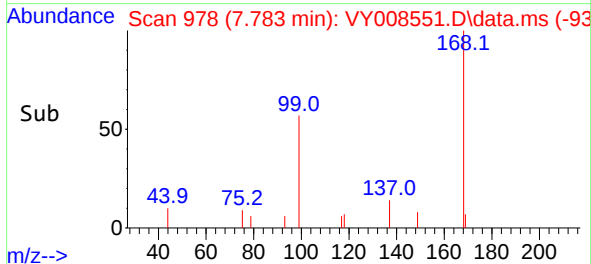
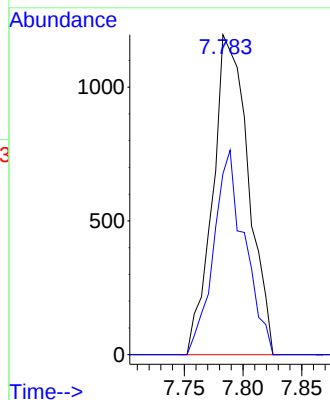
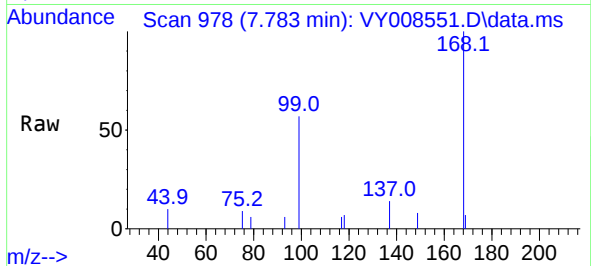




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

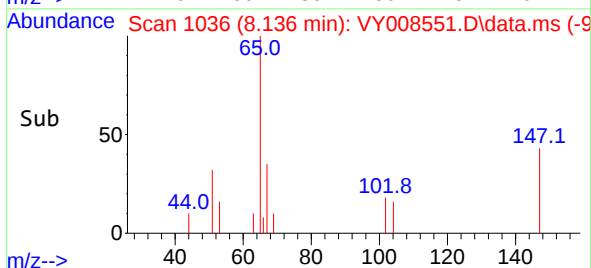
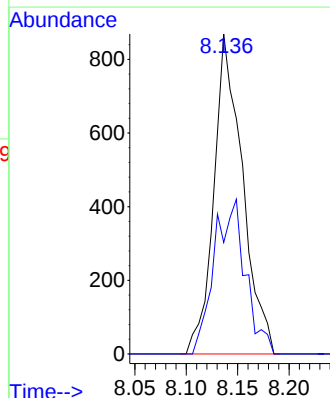
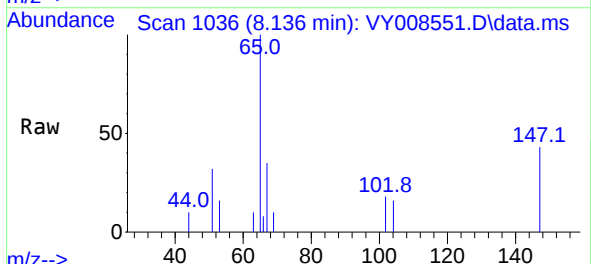
Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

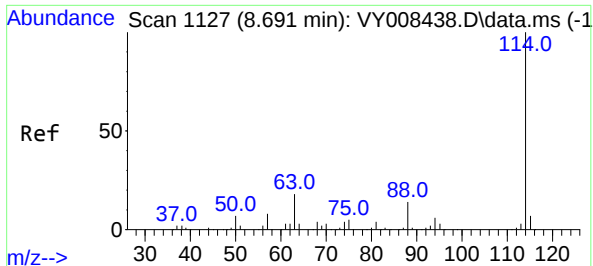
Tgt Ion:168 Resp: 2522
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.715 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

Tgt Ion: 65 Resp: 1683
Ion Ratio Lower Upper
65 100
67 52.7 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: VY008551.D

Acq: 28 Apr 2022 16:33

Instrument :

MSVOA_Y

ClientSampleId :

MH-15D

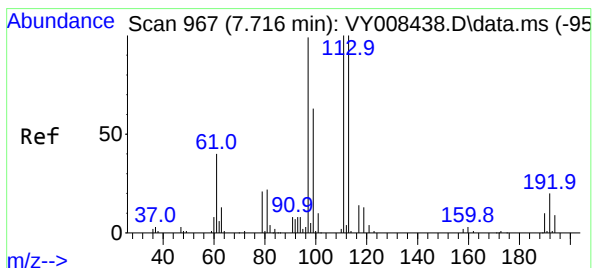
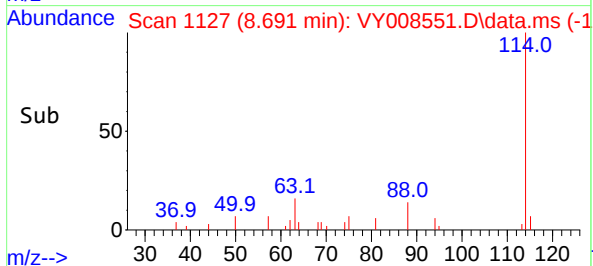
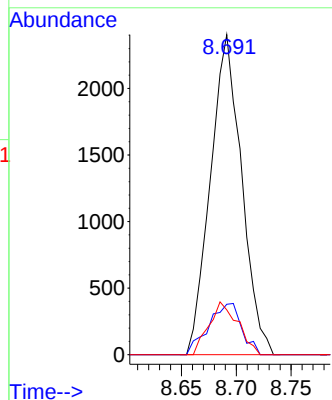
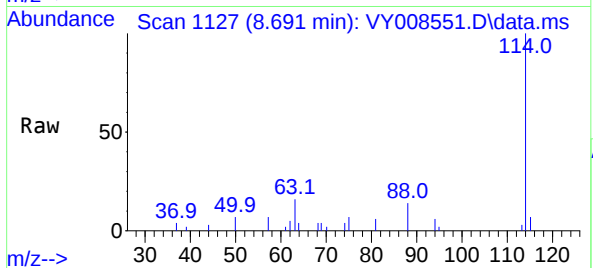
Tgt Ion:114 Resp: 4761

Ion Ratio Lower Upper

114 100

63 15.8 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.974 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008551.D

Acq: 28 Apr 2022 16:33

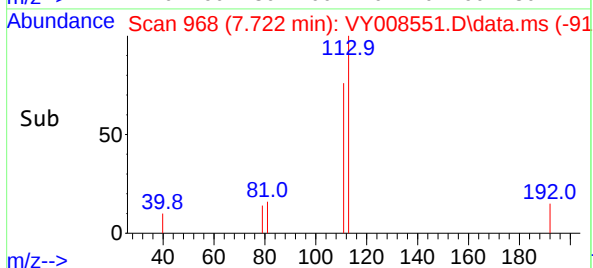
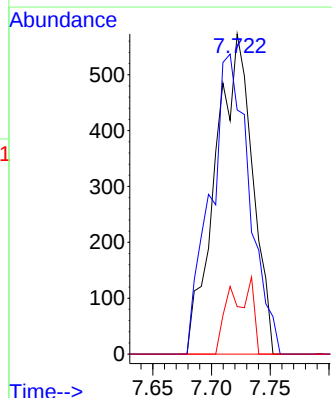
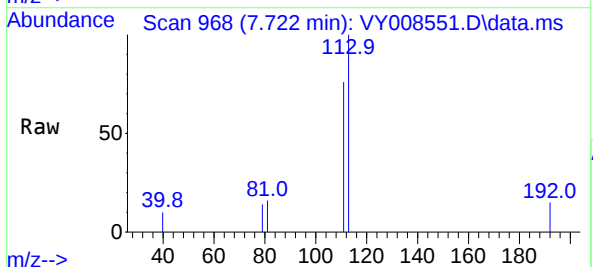
Tgt Ion:113 Resp: 1259

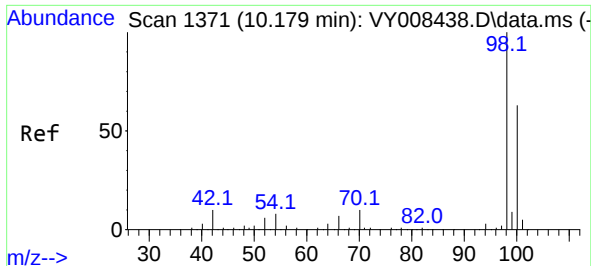
Ion Ratio Lower Upper

113 100

111 98.3 82.6 124.0

192 14.4 17.6 26.4#

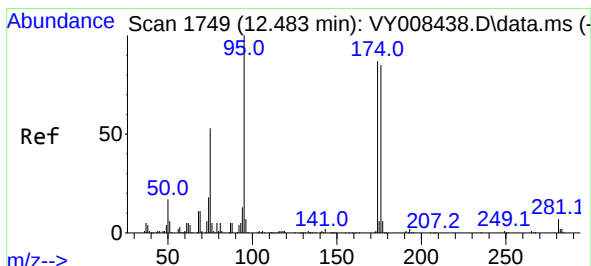
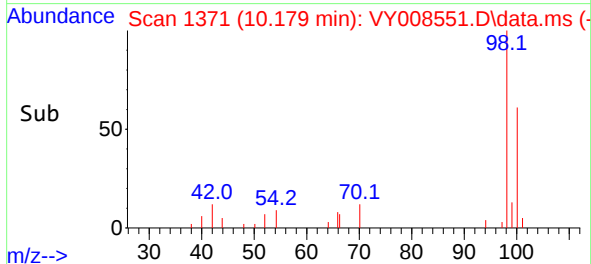
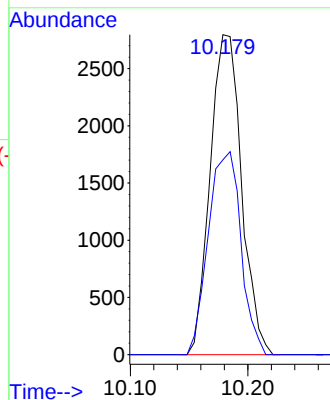
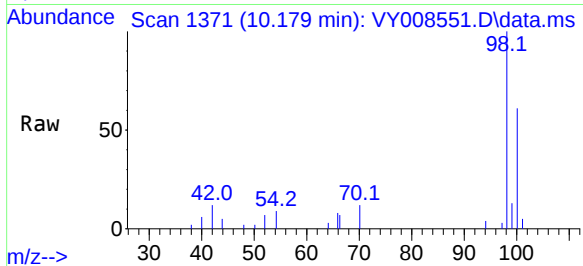




#50
Toluene-d8
Concen: 42.855 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

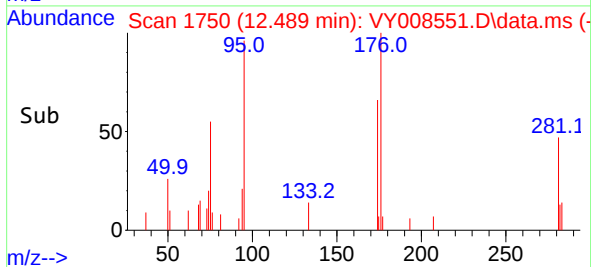
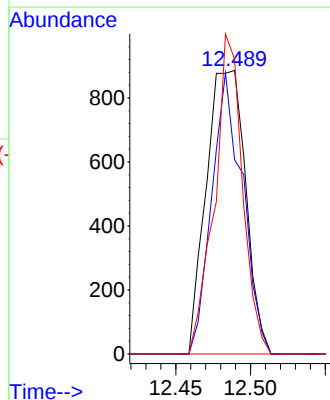
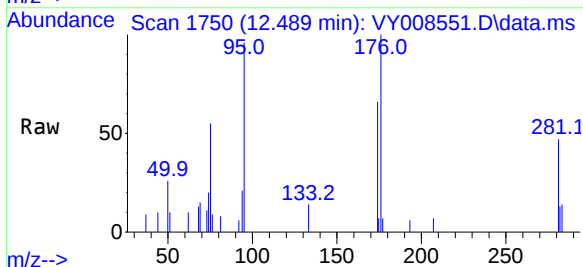
Instrument :
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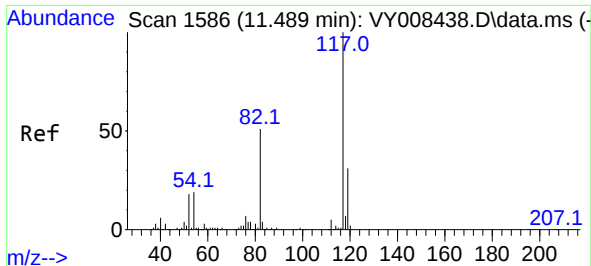
Tgt Ion: 98 Resp: 5208
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.033 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

Tgt Ion: 95 Resp: 1615
Ion Ratio Lower Upper
95 100
174 77.6 0.0 177.0
176 80.7 0.0 175.8

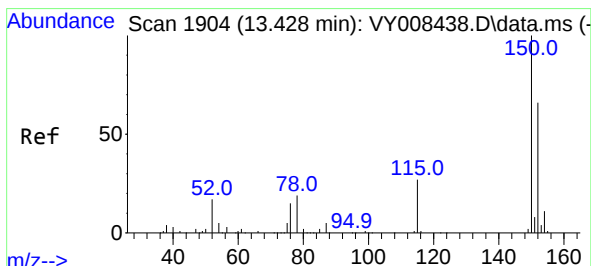
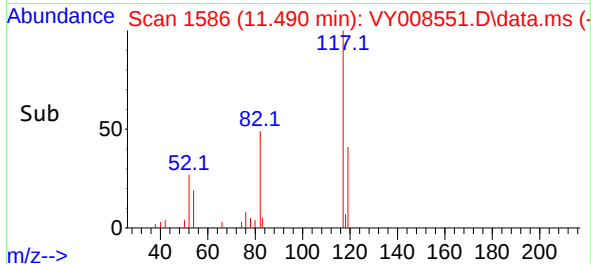
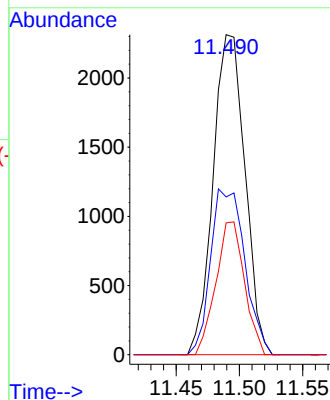
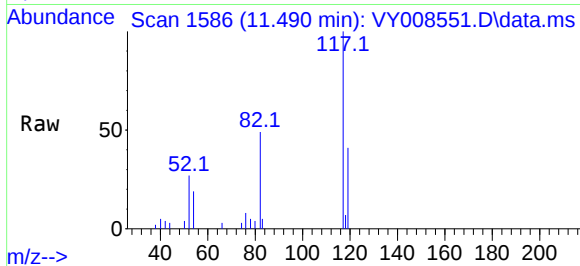




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008551.D
Acq: 28 Apr 2022 16:33

Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

Tgt Ion:	117	Resp:	4052
Ion Ratio	Lower	Upper	
117	100		
82	49.3	43.0	64.4
119	41.2	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: VY008551.D
Acq: 28 Apr 2022 16:33

Tgt Ion:	152	Resp:	1408
Ion Ratio	Lower	Upper	
152	100		
115	57.0	28.2	84.7
150	162.9	0.0	347.6

