

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004299.D
 Acq On : 06 Apr 2021 15:36
 Operator : SY/MD
 Sample : M1933-09
 Misc : 4.47g/5mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_04_1-1.5

Quant Time: Apr 07 00:59:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	181840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	110226	63.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.12%	
35) Dibromofluoromethane	7.728	113	96817	54.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.38%	
50) Toluene-d8	10.185	98	387041	58.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.26%	
62) 4-Bromofluorobenzene	12.483	95	127707	55.96	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.92%	

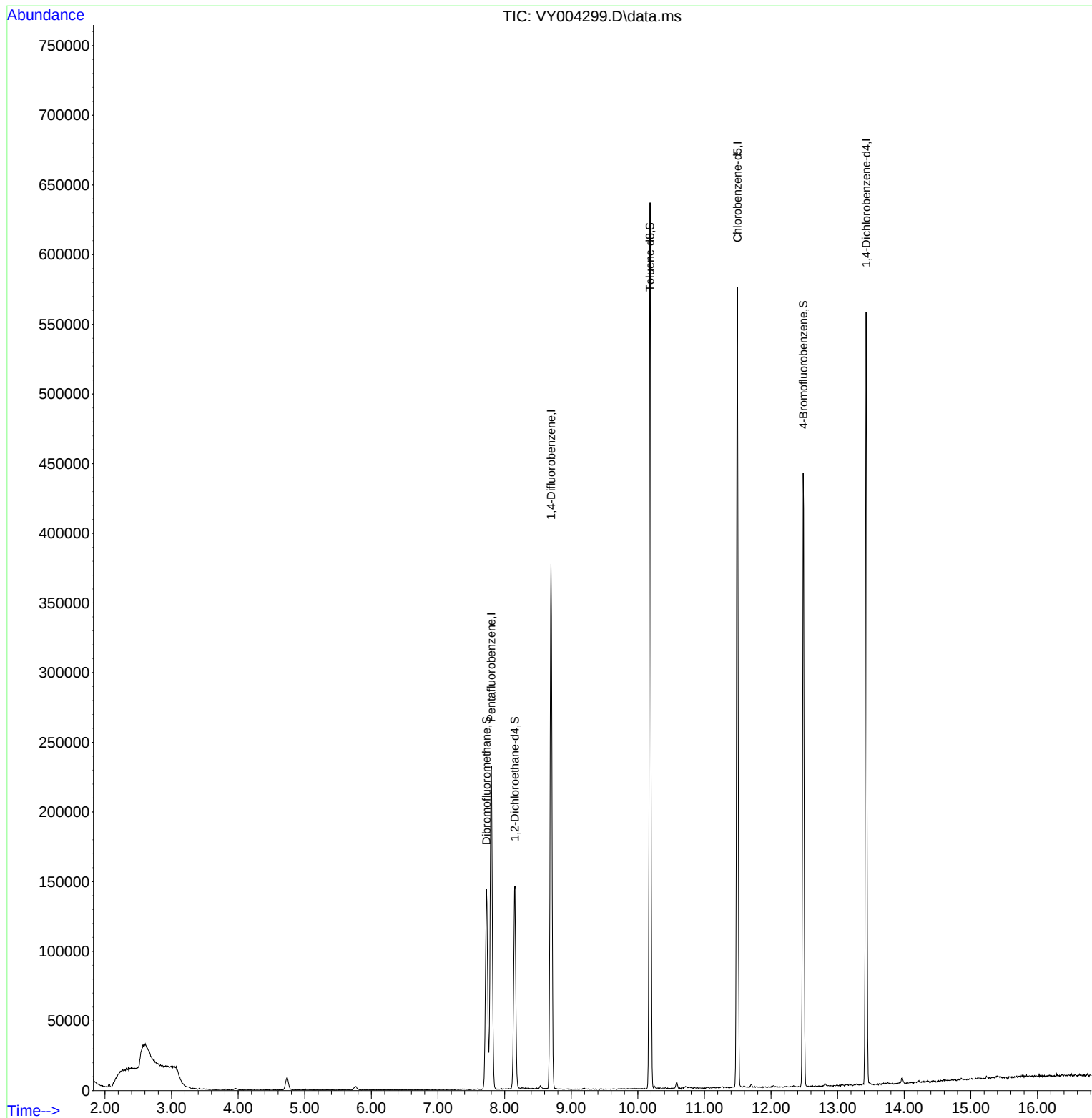
Target Compounds	Qvalue

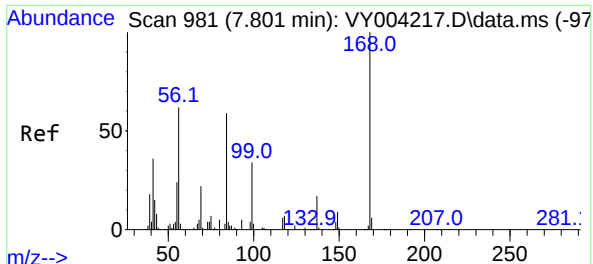
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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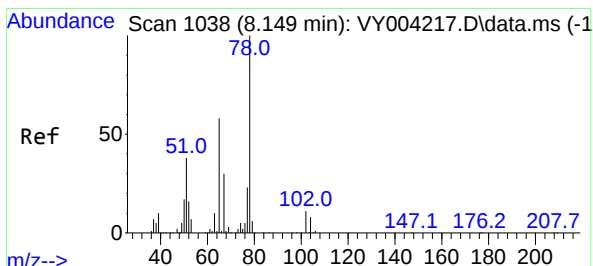
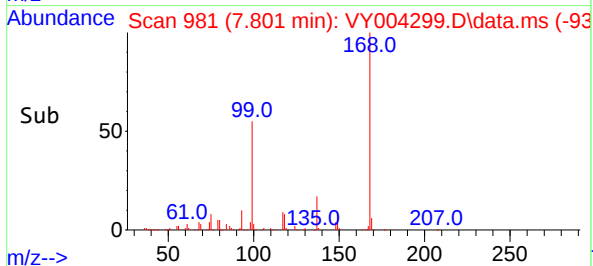
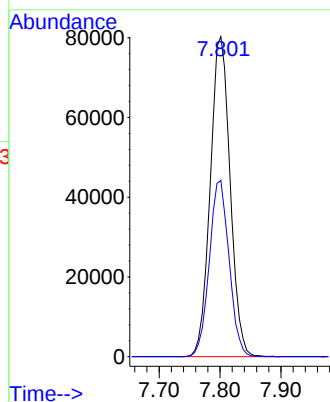
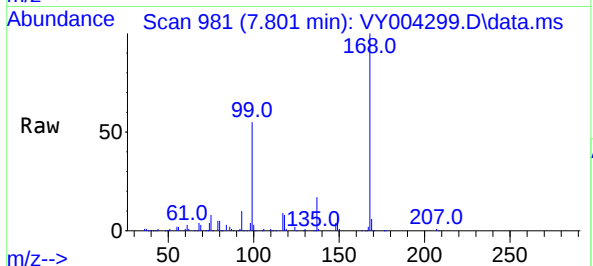




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

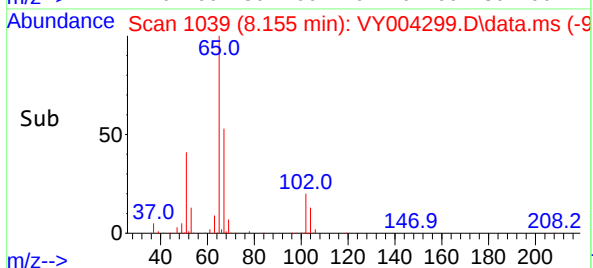
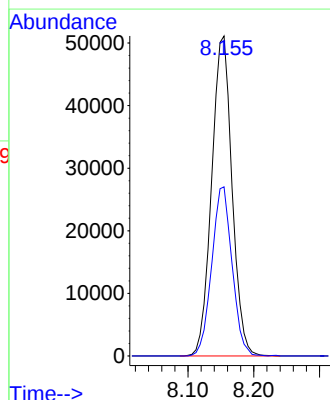
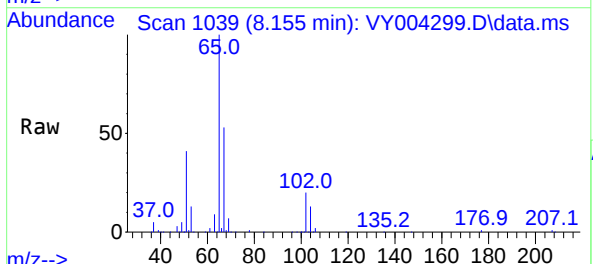
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

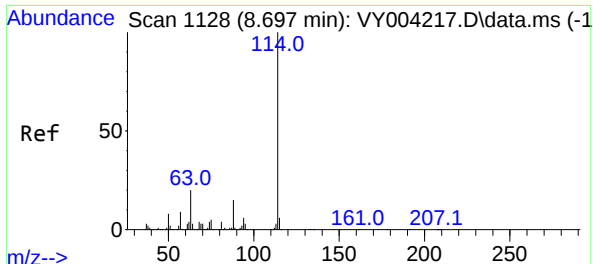
Tgt Ion:168 Resp: 181840
Ion Ratio Lower Upper
168 100
99 55.1 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 63.06 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Tgt Ion: 65 Resp: 110226
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004299.D

Acq: 06 Apr 2021 15:36

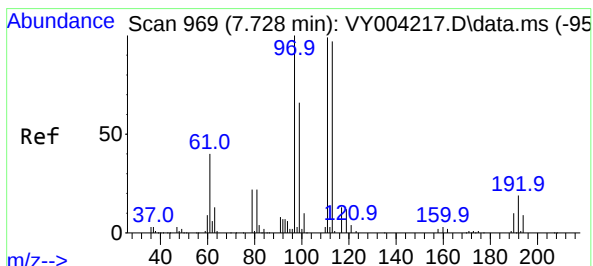
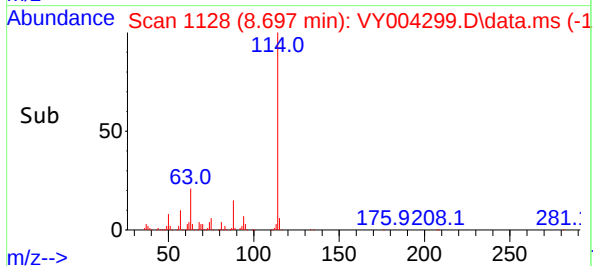
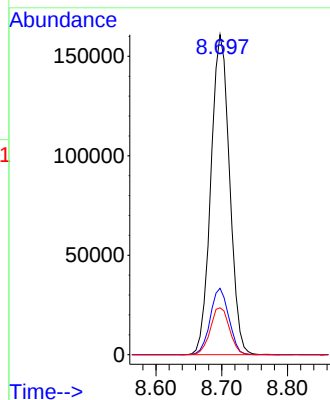
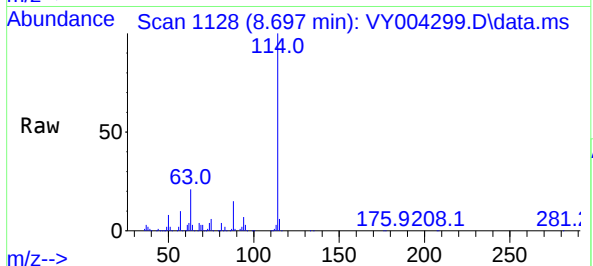
Tgt Ion:114 Resp: 317728

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.4

88 14.7 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.69 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004299.D

Acq: 06 Apr 2021 15:36

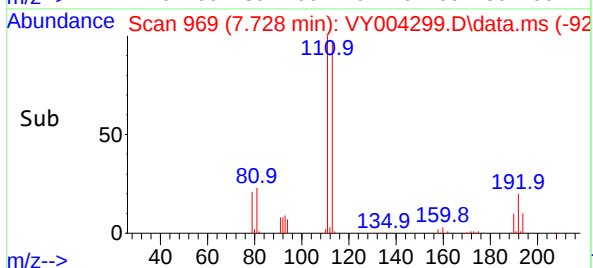
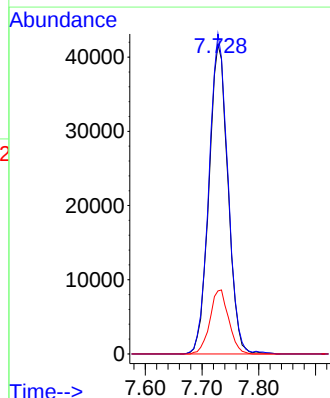
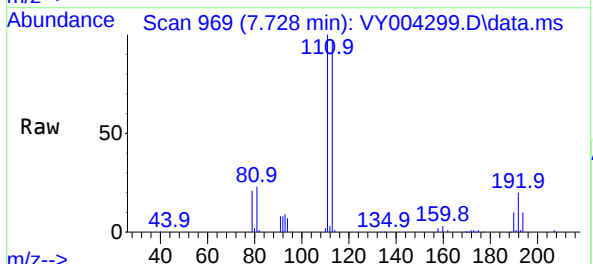
Tgt Ion:113 Resp: 96817

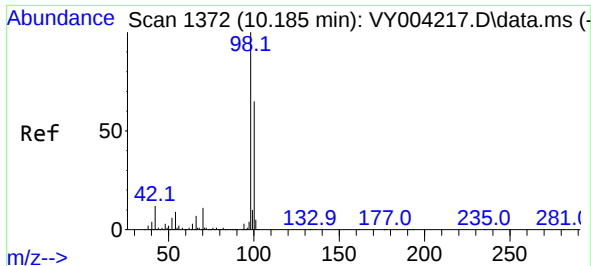
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.5 16.4 24.6

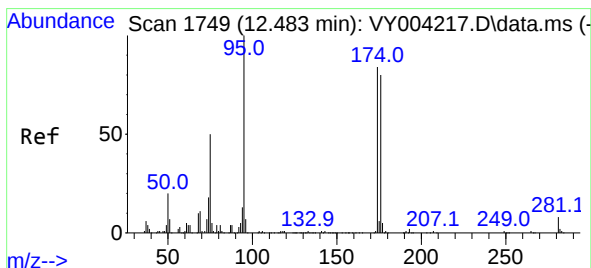
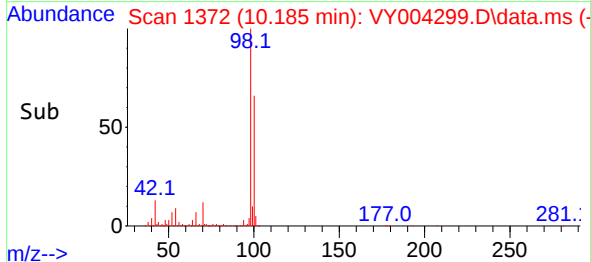
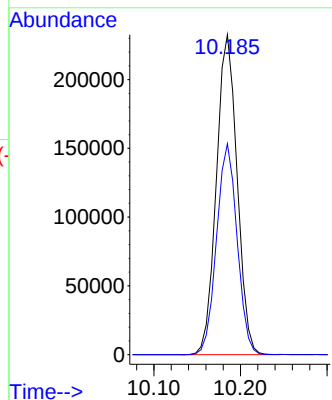
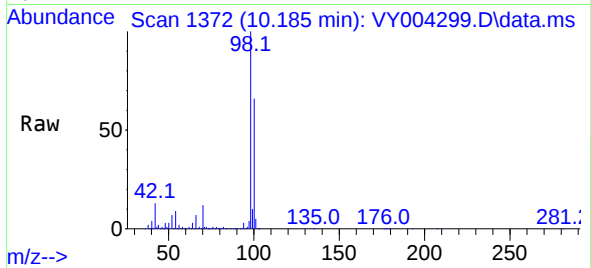




#50
Toluene-d8
Concen: 58.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

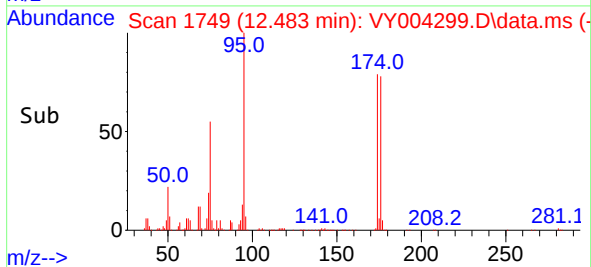
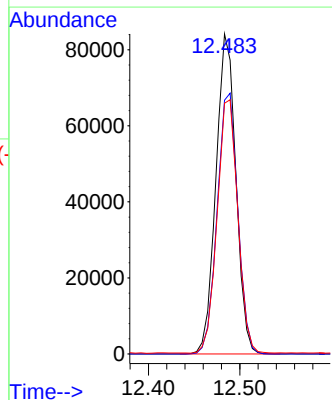
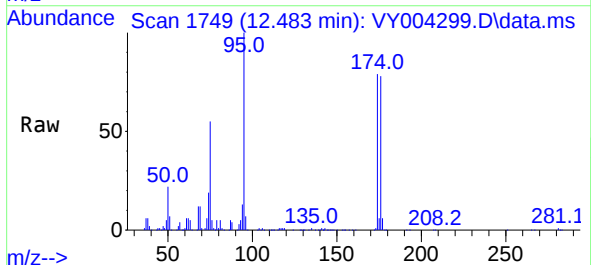
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

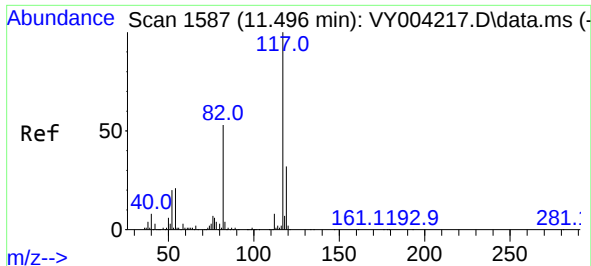
Tgt Ion: 98 Resp: 387041
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 55.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Tgt Ion: 95 Resp: 127707
Ion Ratio Lower Upper
95 100
174 84.2 0.0 171.4
176 81.9 0.0 165.6



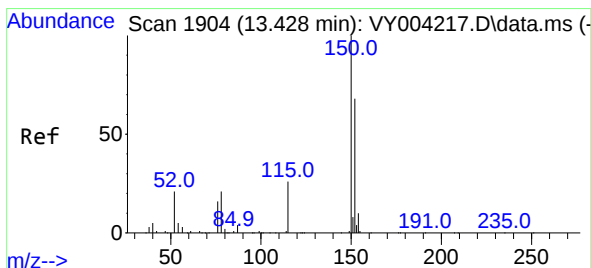
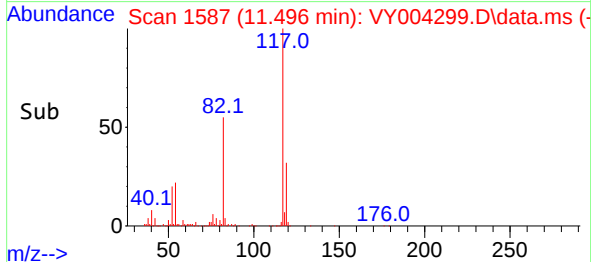
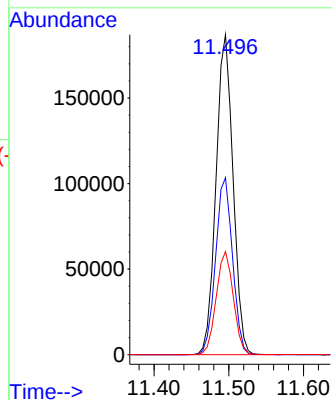
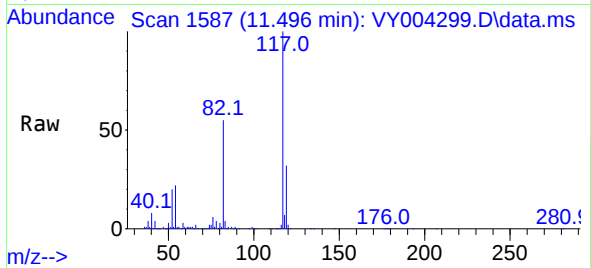


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_1-1.5

Tgt Ion:117 Resp: 295611

Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.7	64.1
119	32.3	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004299.D
Acq: 06 Apr 2021 15:36

Tgt Ion:152 Resp: 131720

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.0	87.1
150	157.0	0.0	347.4

