

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004303.D
 Acq On : 06 Apr 2021 17:09
 Operator : SY/MD
 Sample : M1933-05
 Misc : 4.94g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_01_2-2.5

Quant Time: Apr 07 01:00:51 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	173250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	286088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129139	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	106878	64.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.34%
35) Dibromofluoromethane	7.728	113	91681	54.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.60%
50) Toluene-d8	10.185	98	369273	58.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.36%
62) 4-Bromofluorobenzene	12.483	95	124190	57.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.16%

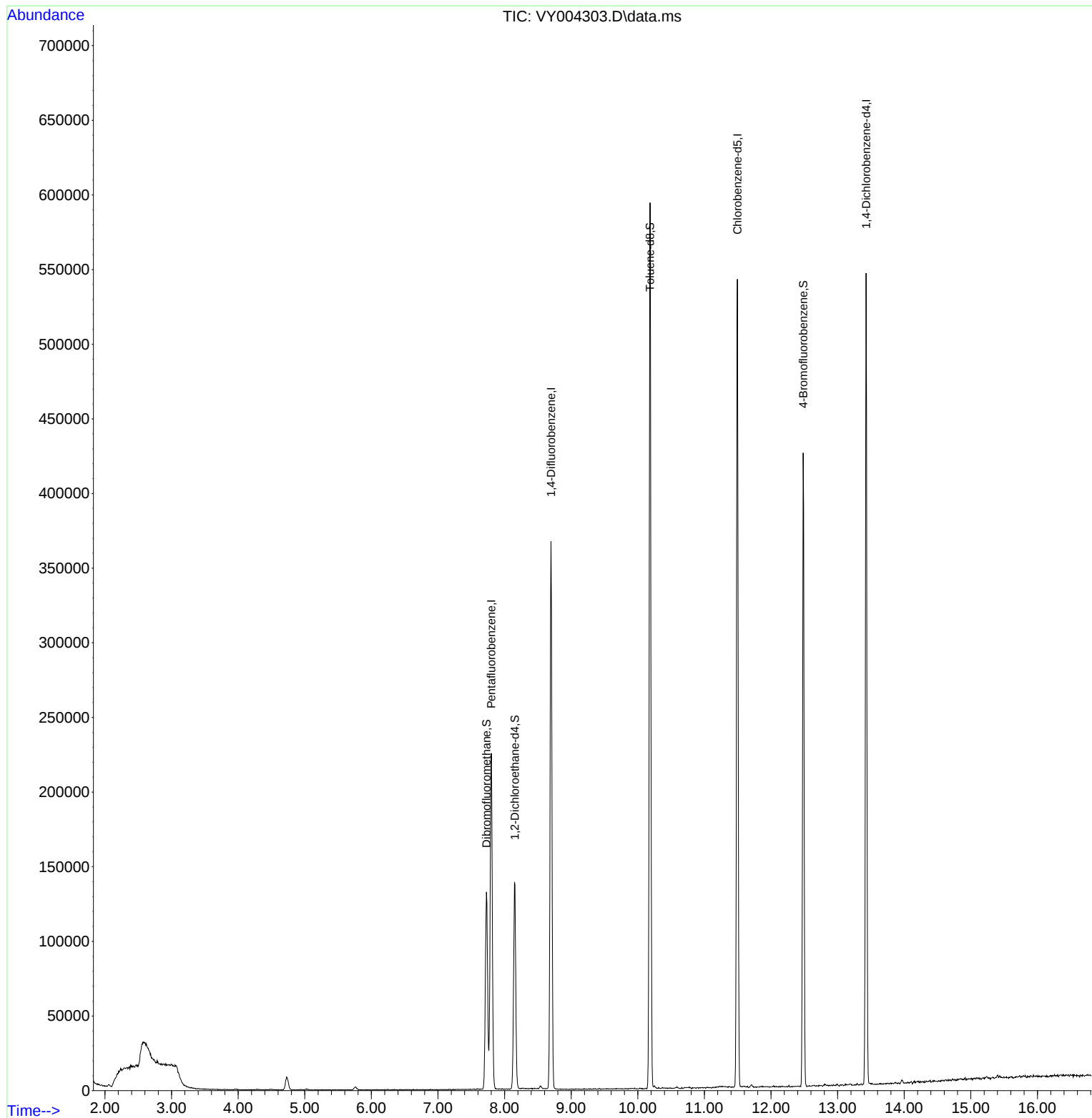
Target Compounds	Qvalue

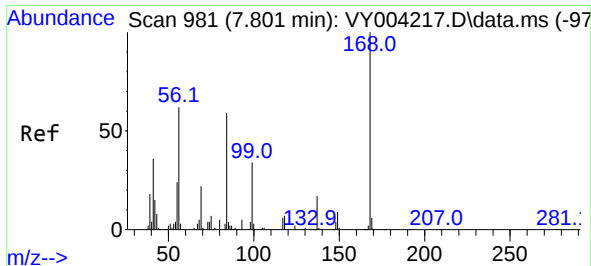
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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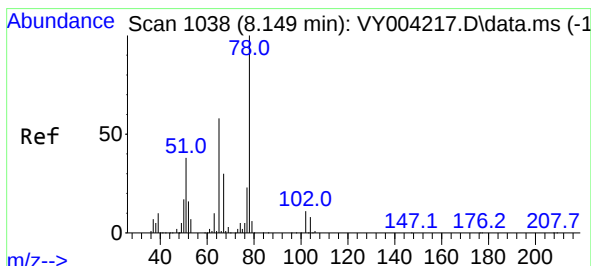
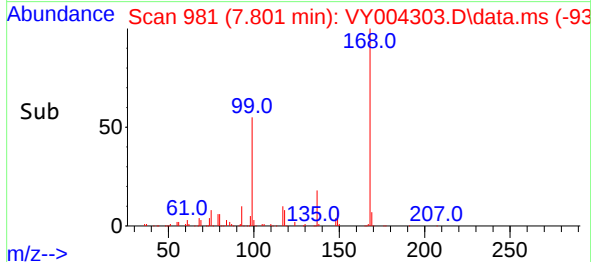
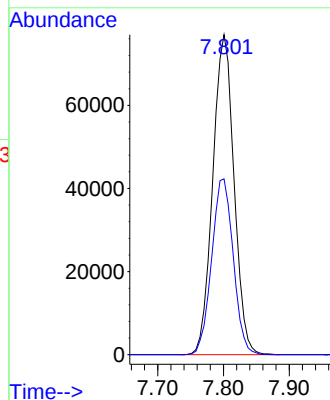
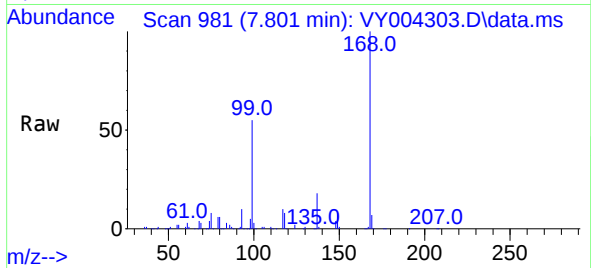




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

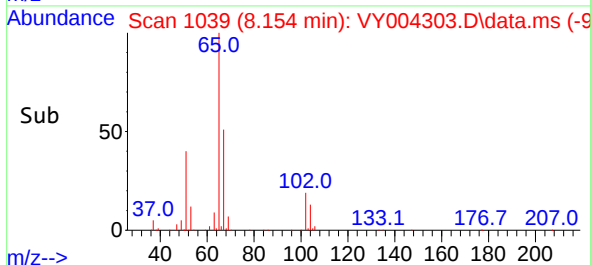
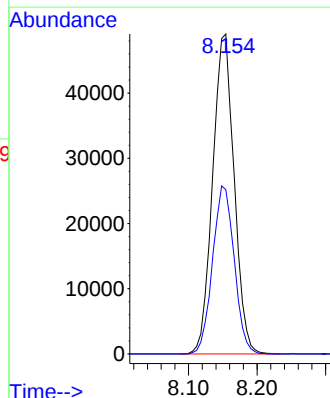
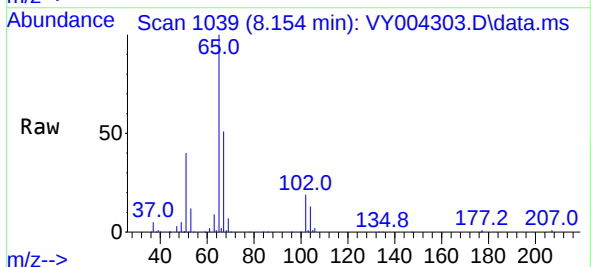
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5

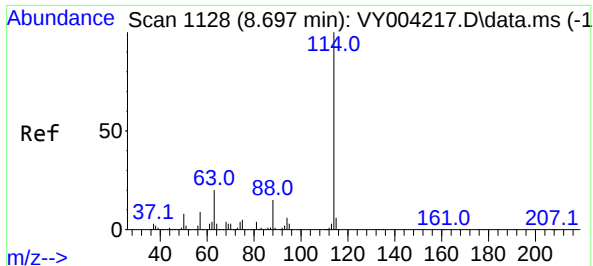
Tgt Ion:168 Resp: 173250
Ion Ratio Lower Upper
168 100
99 55.0 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 64.17 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

Tgt Ion: 65 Resp: 106878
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.2

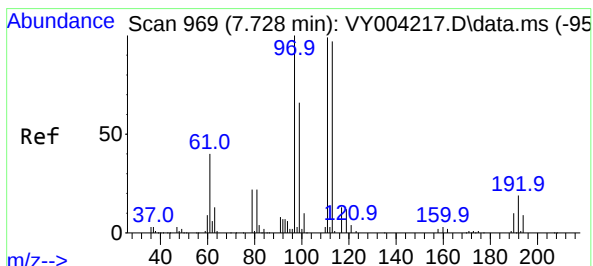
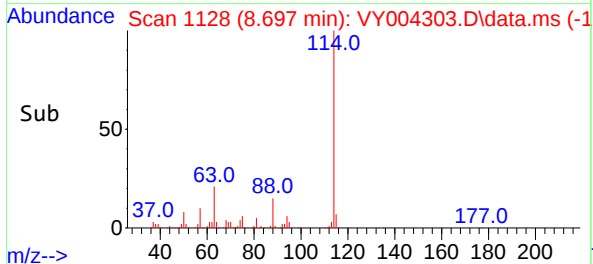
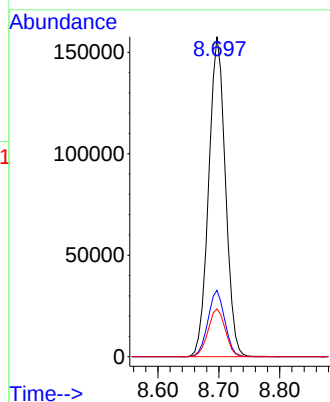
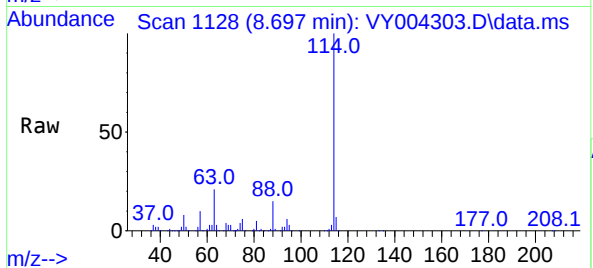




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

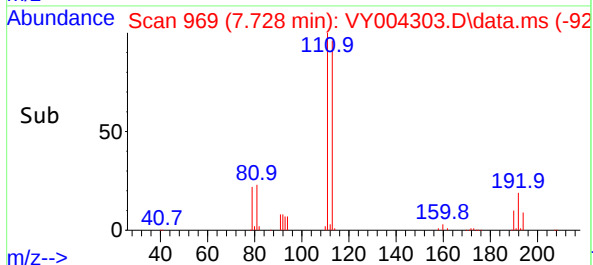
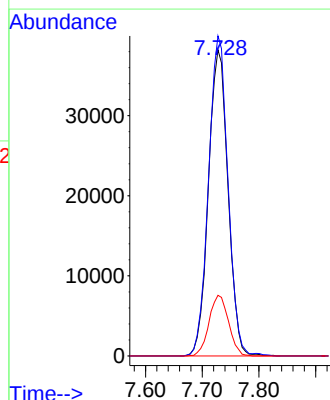
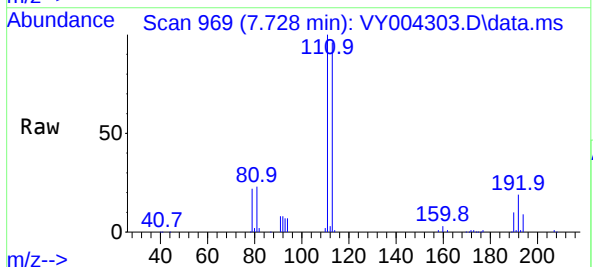
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5

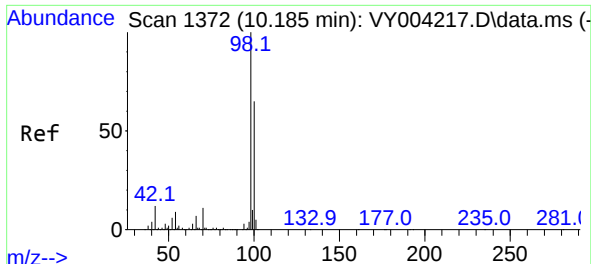
Tgt Ion:114 Resp: 300273
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.4
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.80 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

Tgt Ion:113 Resp: 91681
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 19.8 16.4 24.6

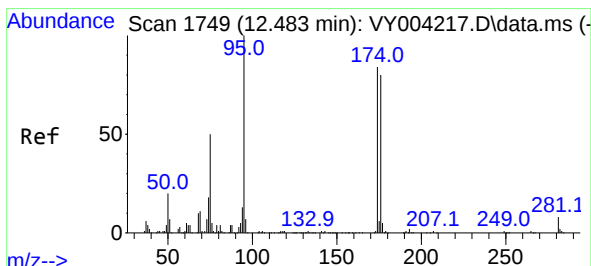
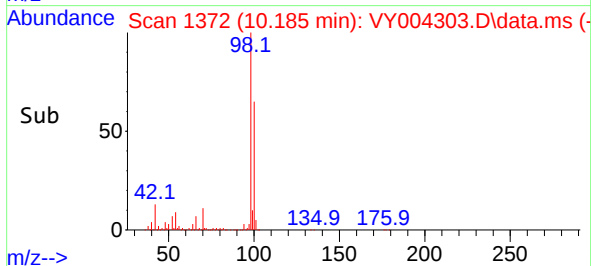
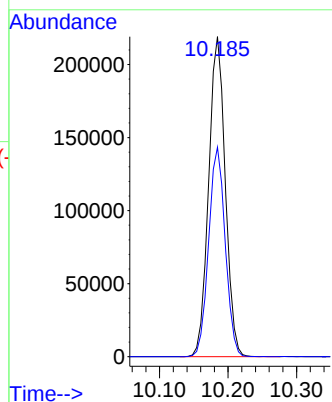
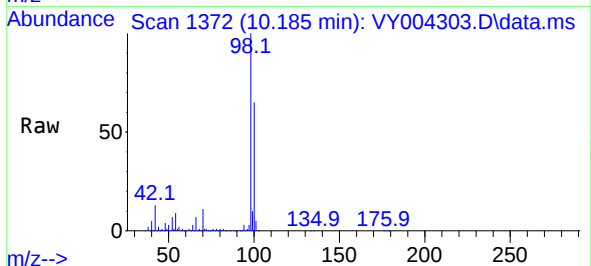




#50
Toluene-d8
Concen: 58.68 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

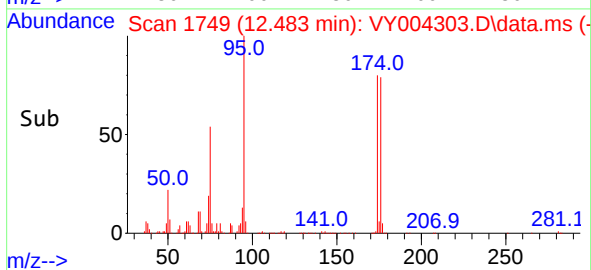
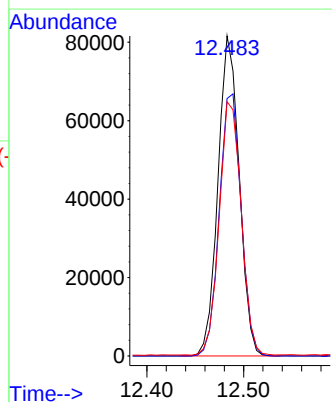
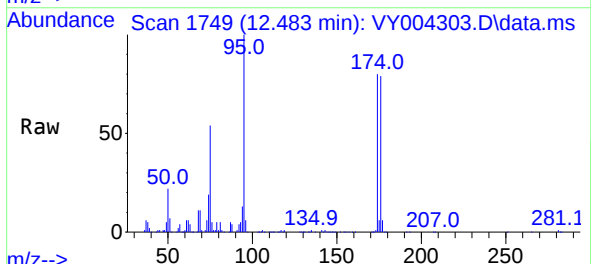
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_01_2-2.5

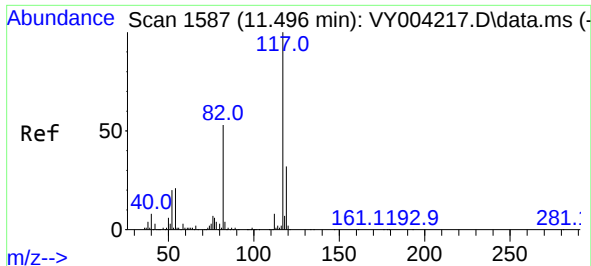
Tgt Ion: 98 Resp: 369273
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 57.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

Tgt Ion: 95 Resp: 124190
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.4
176 81.7 0.0 165.6

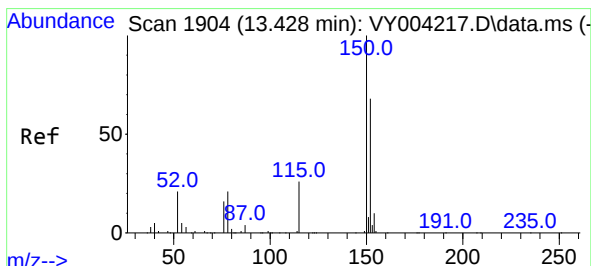
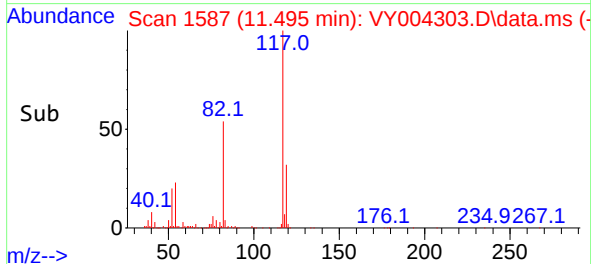
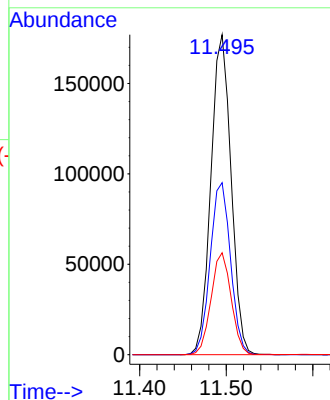
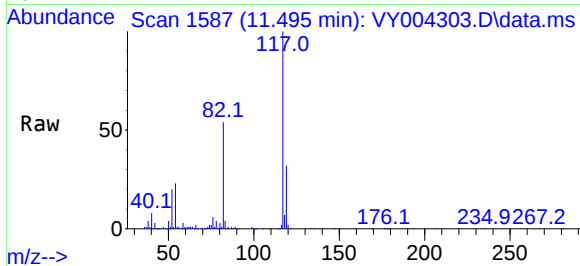




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004303.D
Acq: 06 Apr 2021 17:09

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BENNETT_BH_01_2-2.5

Tgt Ion:	117	Resp:	286088
Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.7	64.1
119	31.9	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: VY004303.D
Acq: 06 Apr 2021 17:09

Tgt Ion:	152	Resp:	129139
Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.0	87.1
150	157.8	0.0	347.4

