

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004300.D
 Acq On : 06 Apr 2021 15:59
 Operator : SY/MD
 Sample : M1933-13
 Misc : 4.94/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_05_0-1

Quant Time: Apr 07 01:00:02 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	179599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	290693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128478	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108671	62.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.88%
35) Dibromofluoromethane	7.728	113	94451	54.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.82%
50) Toluene-d8	10.185	98	379232	58.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.18%
62) 4-Bromofluorobenzene	12.483	95	125944	56.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.58%

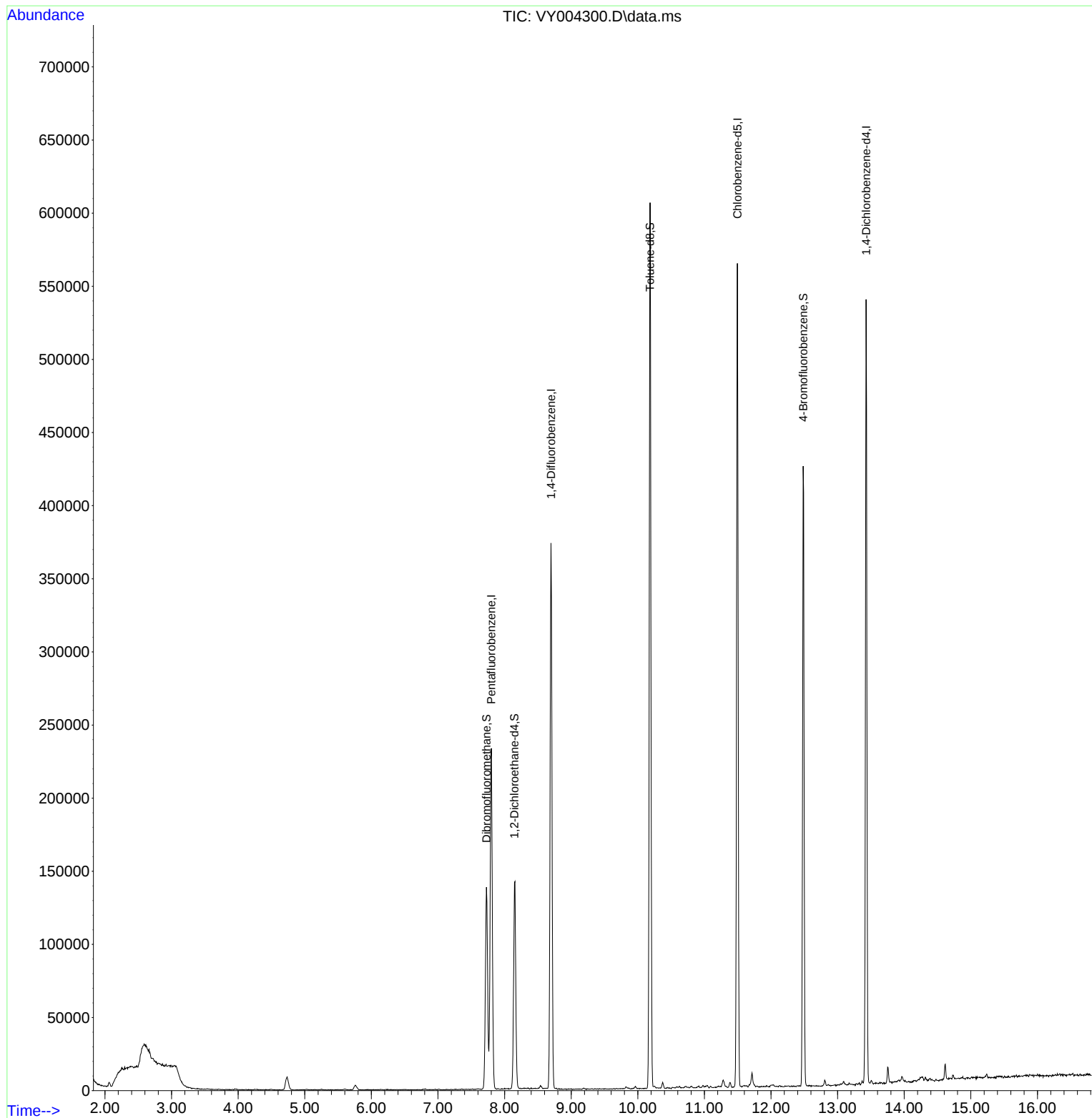
Target Compounds	Qvalue

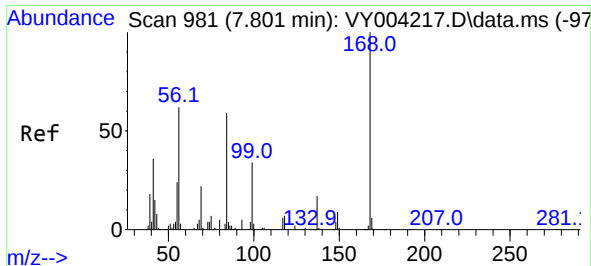
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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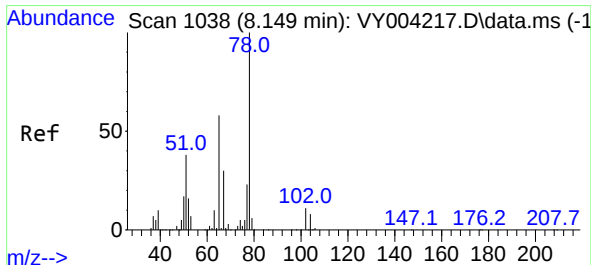
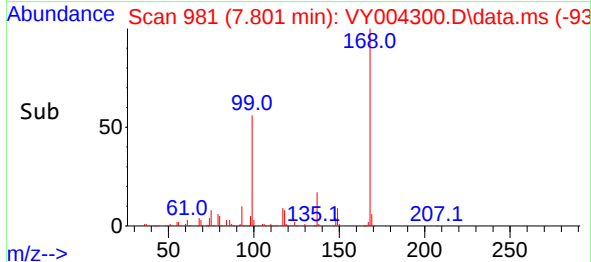
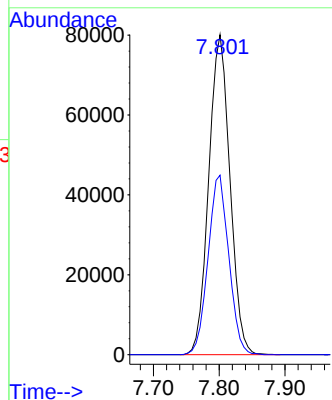
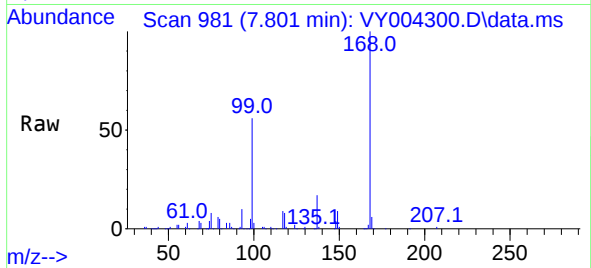




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

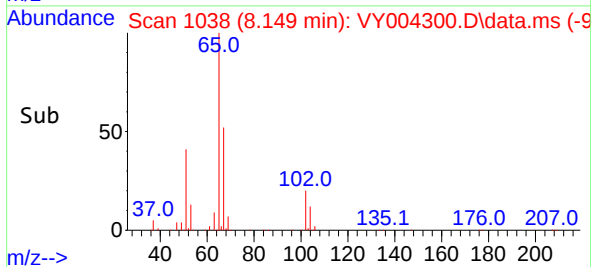
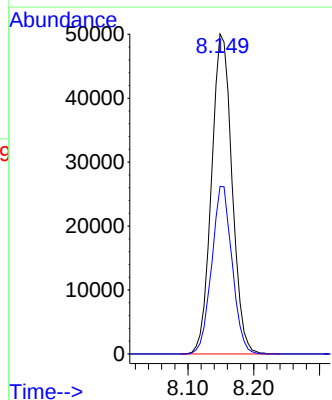
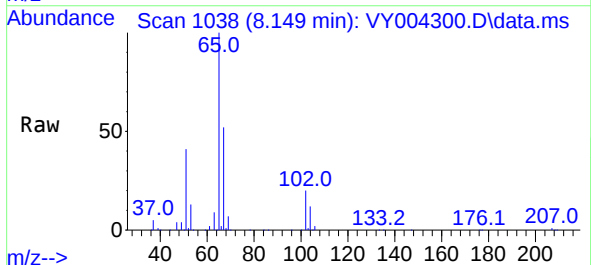
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_0-1

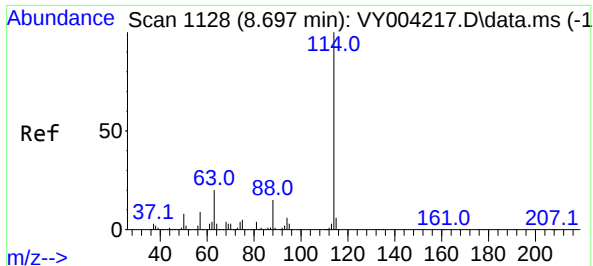
Tgt Ion:168 Resp: 179599
Ion Ratio Lower Upper
168 100
99 56.1 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 62.94 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

Tgt Ion: 65 Resp: 108671
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

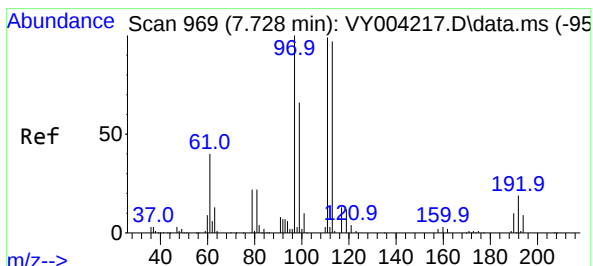
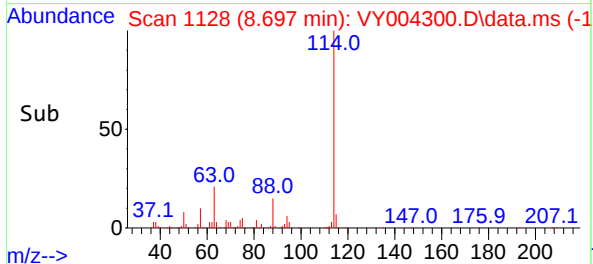
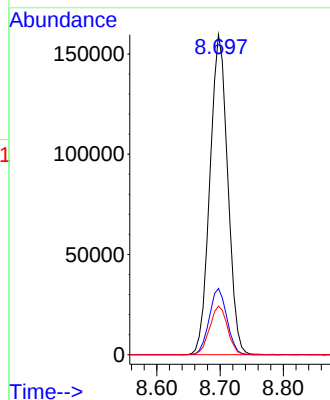
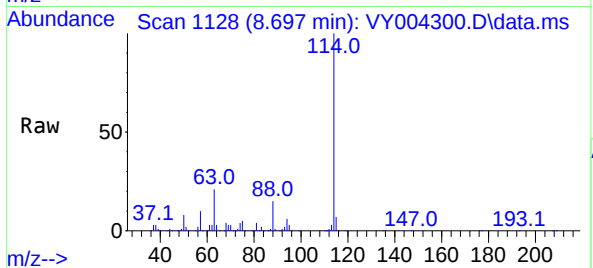
RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004300.D

Acq: 06 Apr 2021 15:59

Tgt Ion:	114	Resp:	311518
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	40.4
88	15.2	0.0	30.8



#35

Dibromofluoromethane

Concen: 54.41 ug/l

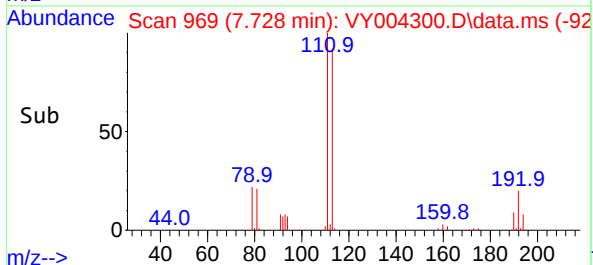
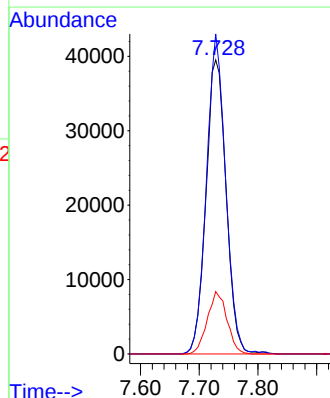
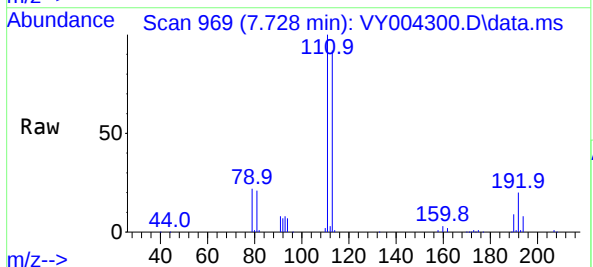
RT: 7.728 min Scan# 969

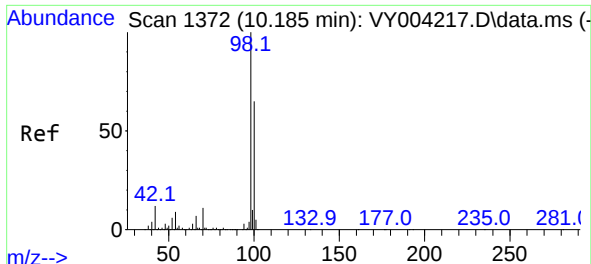
Delta R.T. -0.000 min

Lab File: VY004300.D

Acq: 06 Apr 2021 15:59

Tgt Ion:	113	Resp:	94451
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.6	124.0
192	20.6	16.4	24.6

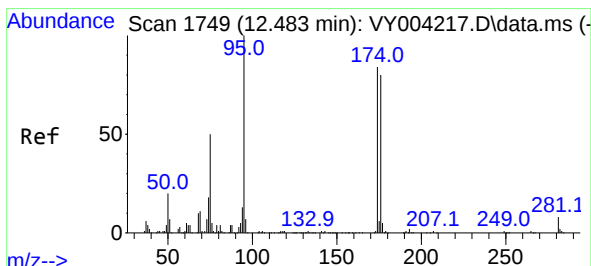
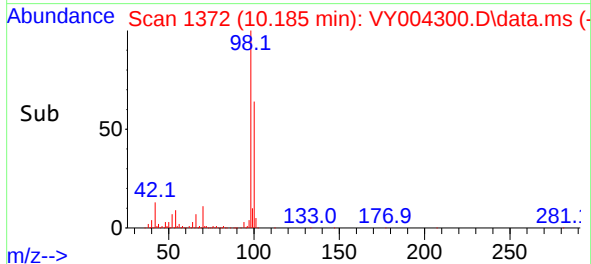
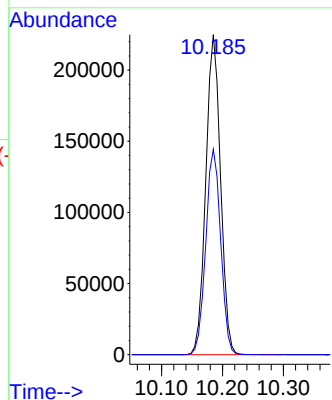
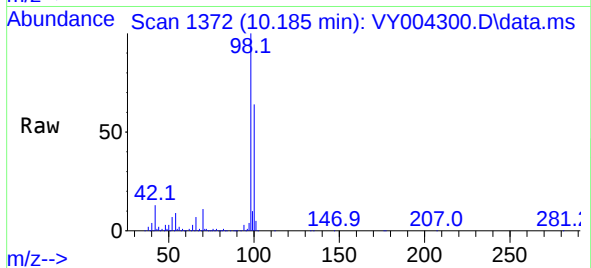




#50
Toluene-d8
Concen: 58.09 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

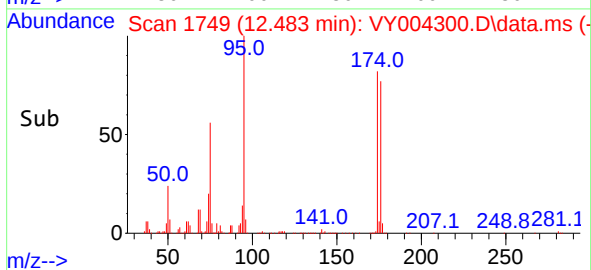
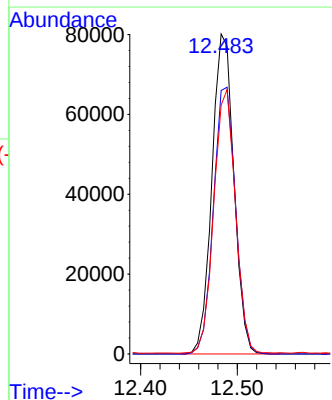
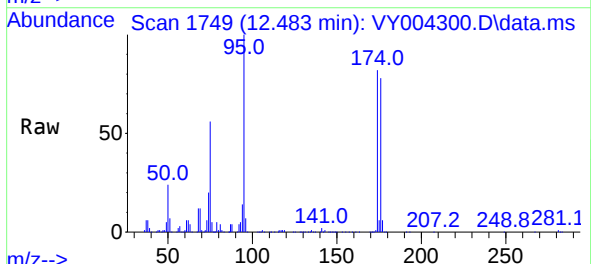
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_0-1

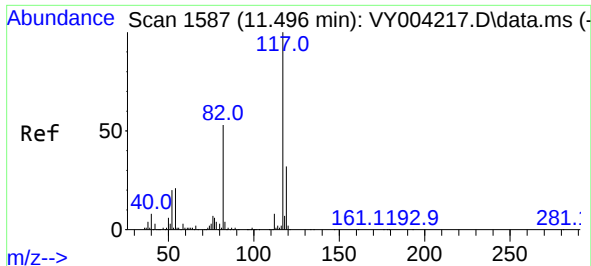
Tgt Ion: 98 Resp: 379232
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

Tgt Ion: 95 Resp: 125944
Ion Ratio Lower Upper
95 100
174 84.0 0.0 171.4
176 81.3 0.0 165.6



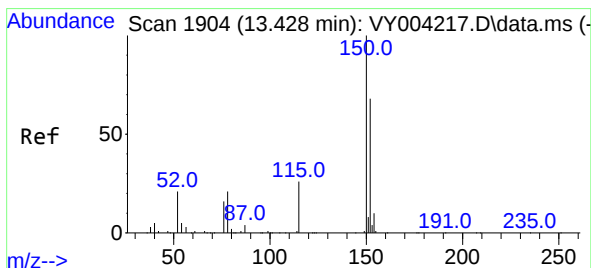
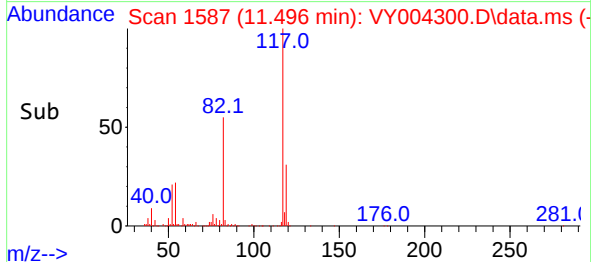
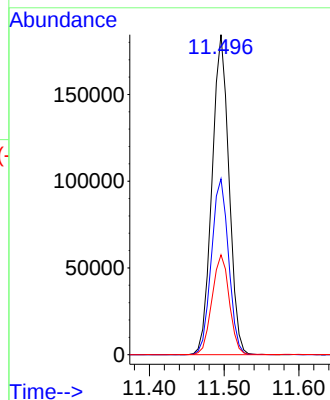
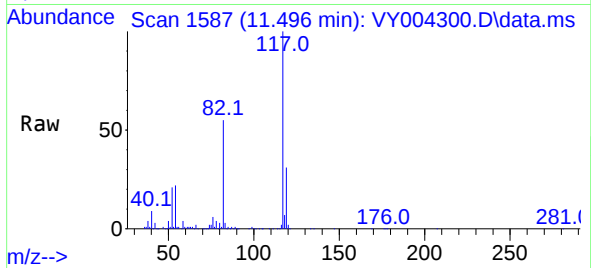


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004300.D
Acq: 06 Apr 2021 15:59

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_0-1

Tgt Ion:117 Resp: 290693

Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.7	64.1
119	31.2	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: VY004300.D
Acq: 06 Apr 2021 15:59

Tgt Ion:152 Resp: 128478

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.0	87.1
150	157.7	0.0	347.4

