

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004305.D
 Acq On : 06 Apr 2021 17:55
 Operator : SY/MD
 Sample : M1933-11
 Misc : 4.63g/5mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_04_2-2.5

Quant Time: Apr 07 01:01:24 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	173503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	280340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107439	64.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.84%
35) Dibromofluoromethane	7.728	113	92572	55.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.44%
50) Toluene-d8	10.185	98	370180	58.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.42%
62) 4-Bromofluorobenzene	12.483	95	121447	56.20	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.40%

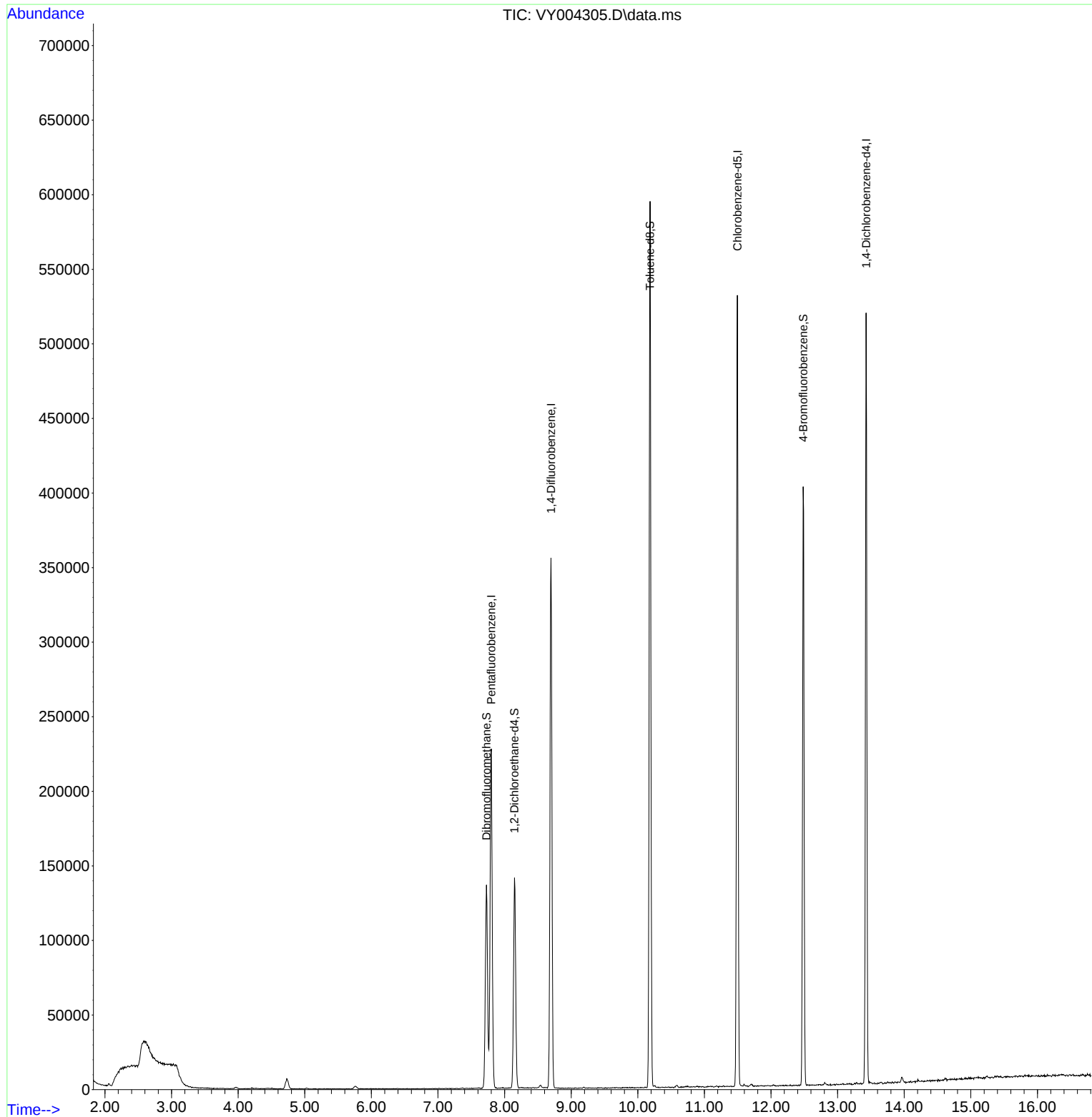
Target Compounds	Qvalue

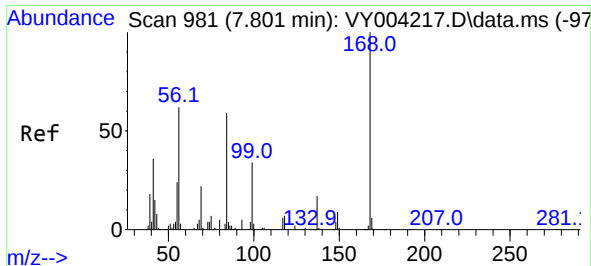
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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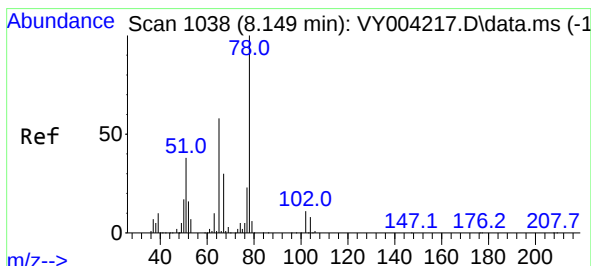
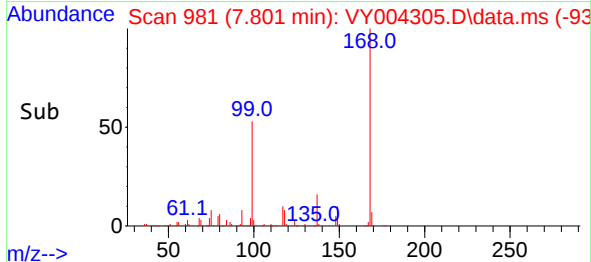
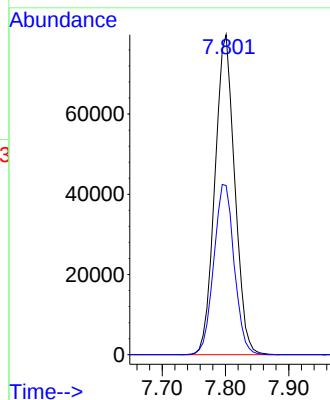
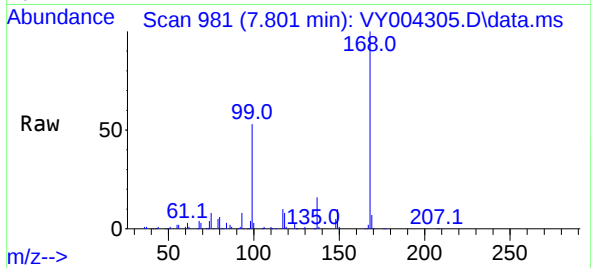




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

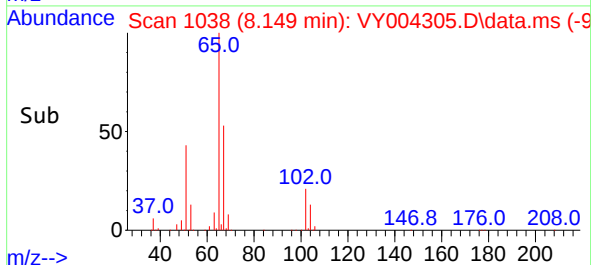
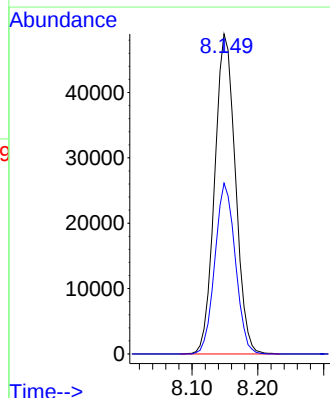
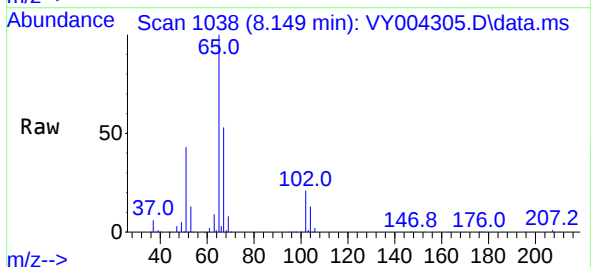
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_2-2.5

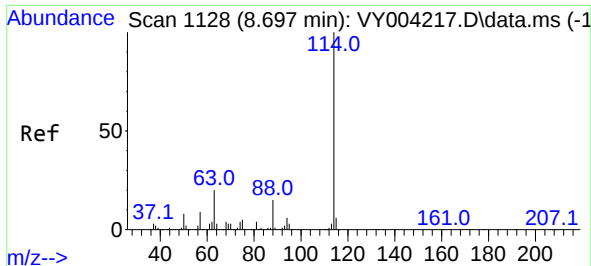
Tgt Ion:168 Resp: 173503
Ion Ratio Lower Upper
168 100
99 52.9 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 64.42 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

Tgt Ion: 65 Resp: 107439
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.2



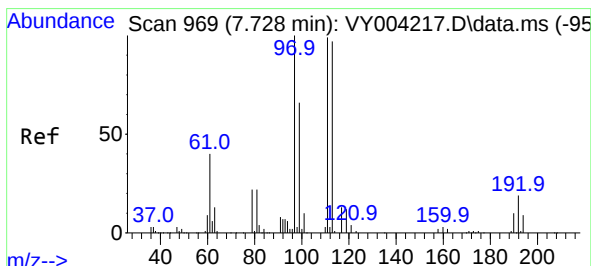
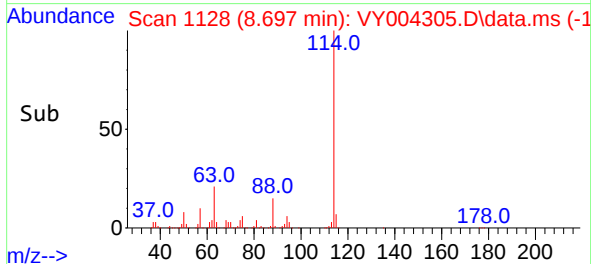
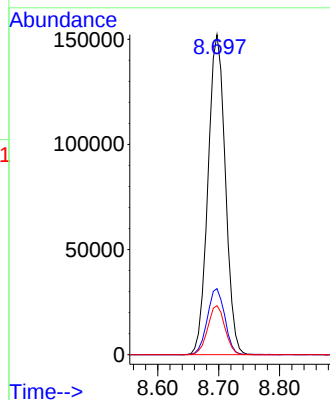
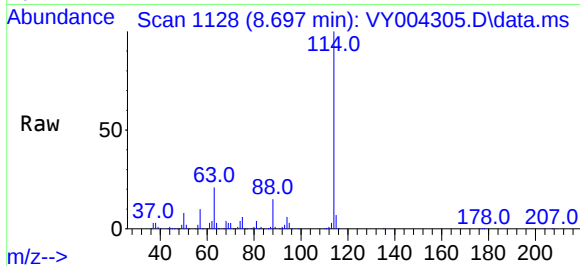


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_2-2.5

Tgt Ion:114 Resp: 300891

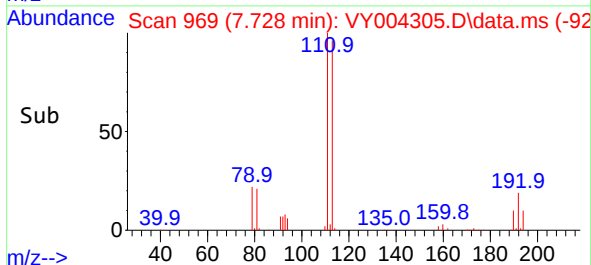
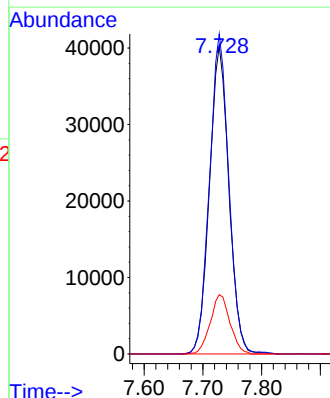
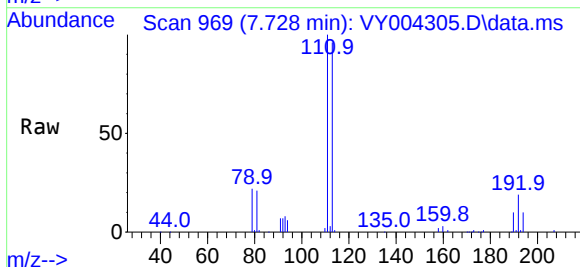
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.4
88	15.3	0.0	30.8

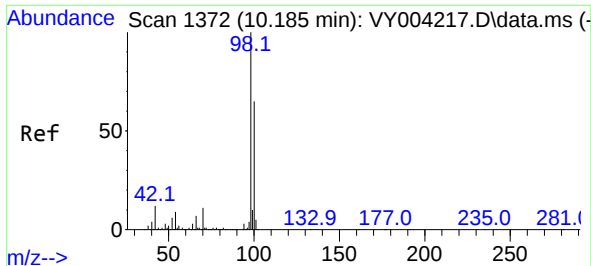


#35
Dibromofluoromethane
Concen: 55.22 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

Tgt Ion:113 Resp: 92572

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	19.5	16.4	24.6

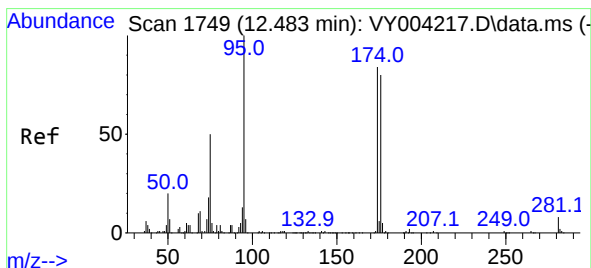
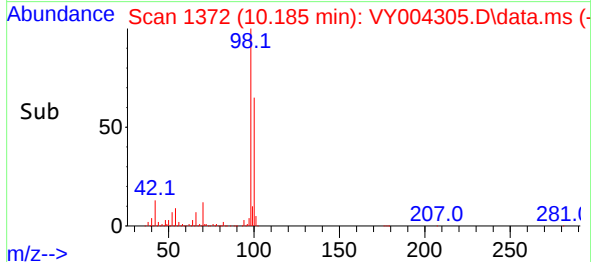
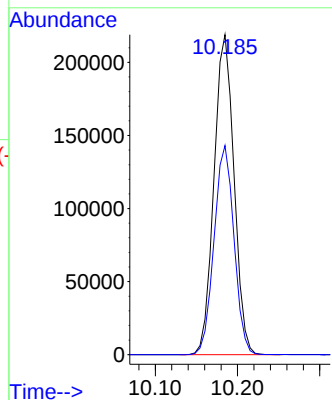
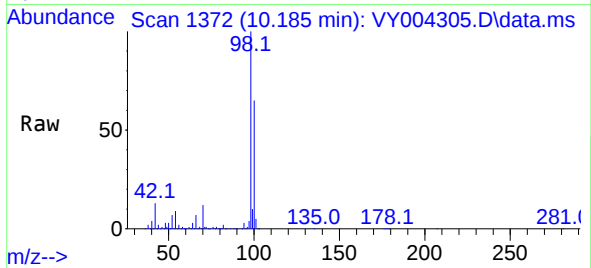




#50
Toluene-d8
Concen: 58.71 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

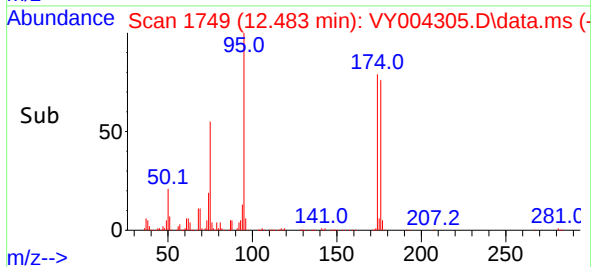
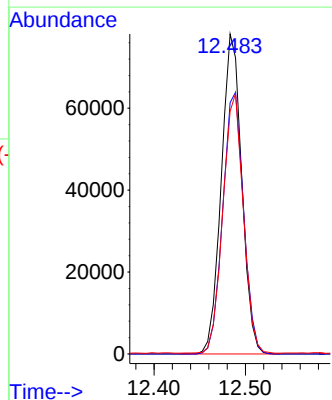
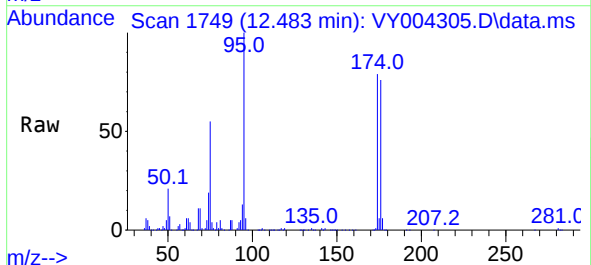
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_2-2.5

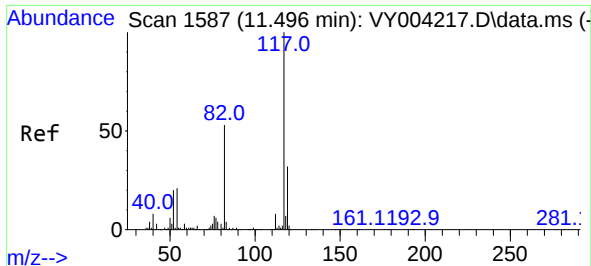
Tgt Ion: 98 Resp: 370180
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.20 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

Tgt Ion: 95 Resp: 121447
Ion Ratio Lower Upper
95 100
174 83.2 0.0 171.4
176 81.1 0.0 165.6

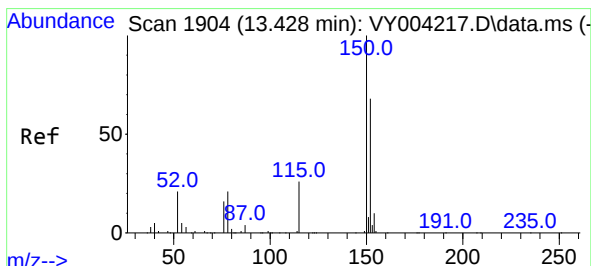
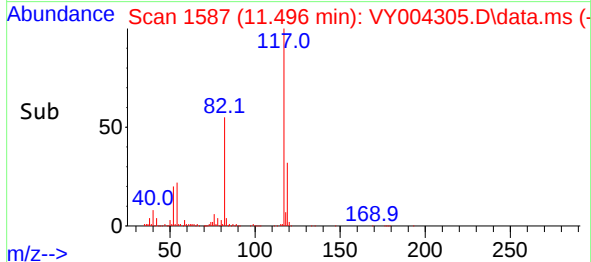
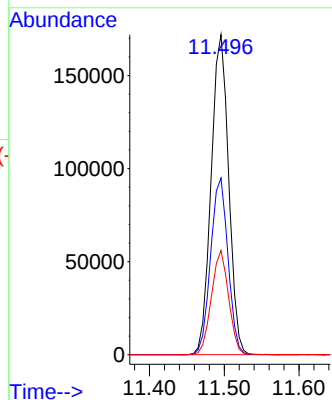
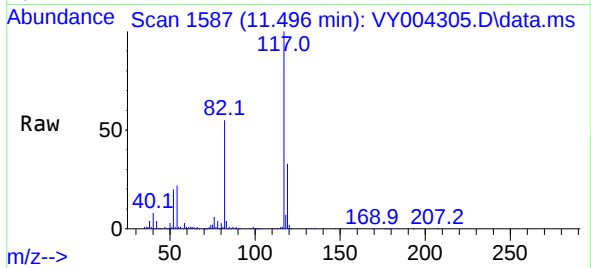




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004305.D
Acq: 06 Apr 2021 17:55

Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_04_2-2.5

Tgt Ion:	117	Resp:	280340
Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.7	64.1
119	32.5	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: VY004305.D
Acq: 06 Apr 2021 17:55

Tgt Ion:	152	Resp:	124646
Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.0	87.1
150	154.5	0.0	347.4

