

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040621\
 Data File : VY004304.D
 Acq On : 06 Apr 2021 17:32
 Operator : SY/MD
 Sample : M1933-15
 Misc : 4.81g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BENNETT_BH_05_1-1.5

Quant Time: Apr 07 01:01:07 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	174621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	285038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106104	63.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.42%	
35) Dibromofluoromethane	7.728	113	93285	54.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.38%	
50) Toluene-d8	10.185	98	378711	59.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.06%	
62) 4-Bromofluorobenzene	12.483	95	125859	57.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.48%	

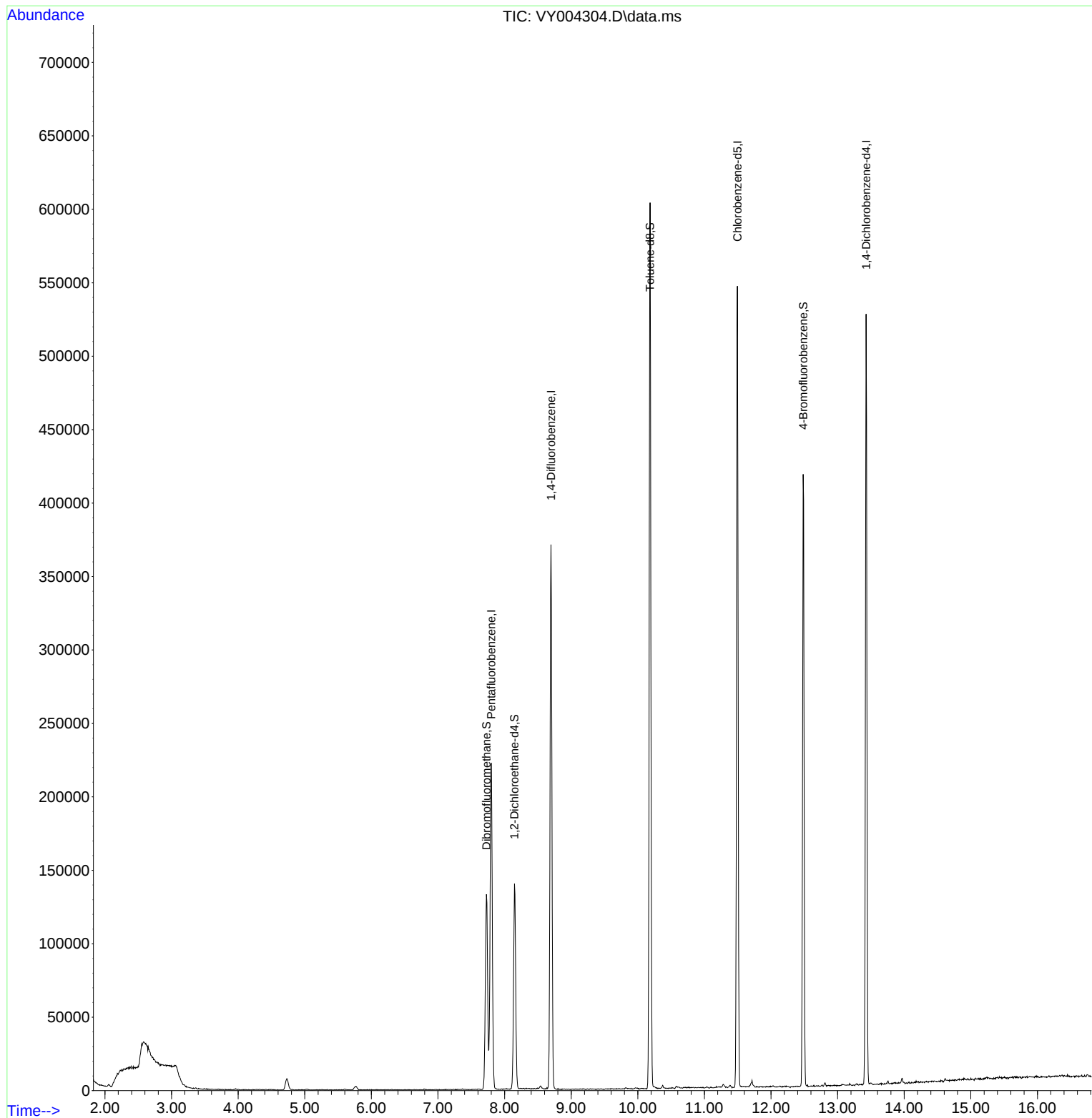
Target Compounds	Qvalue

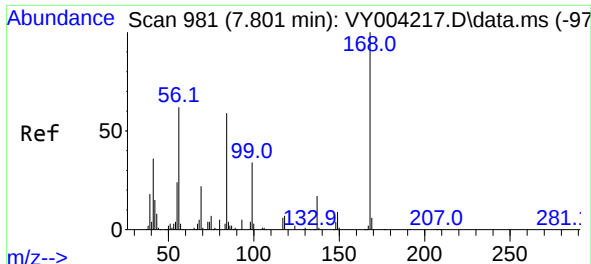
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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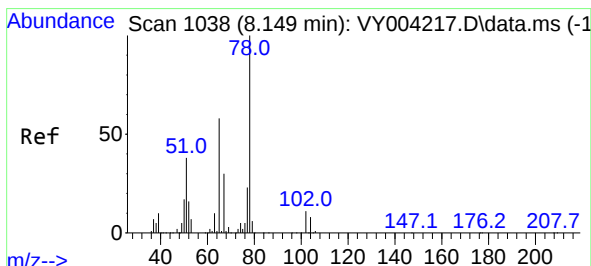
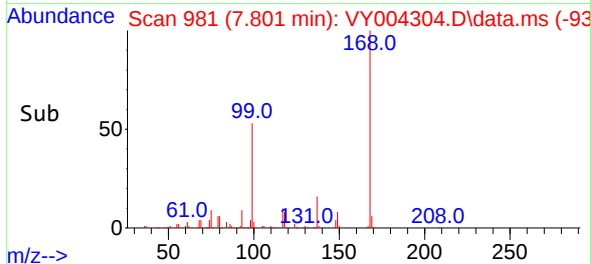
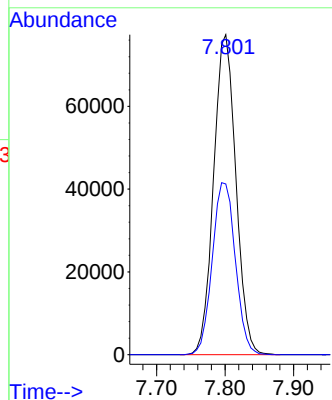
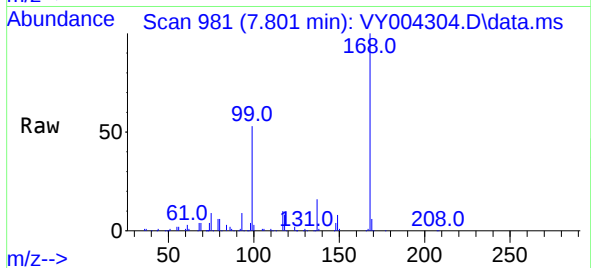




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

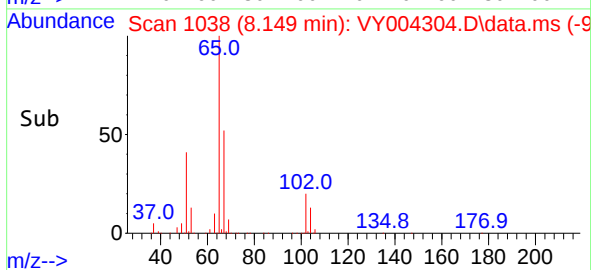
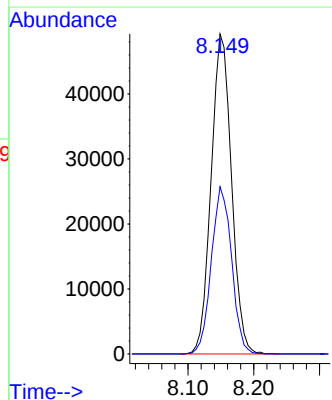
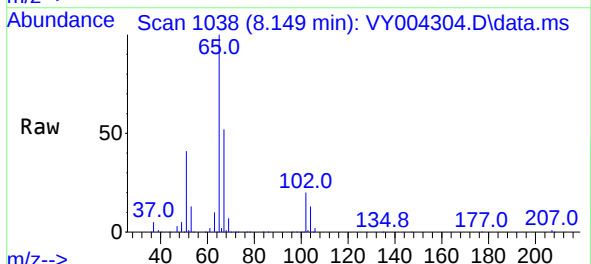
Instrument :
MSVOA_Y
ClientSampleId :
BENNETT_BH_05_1-1.5

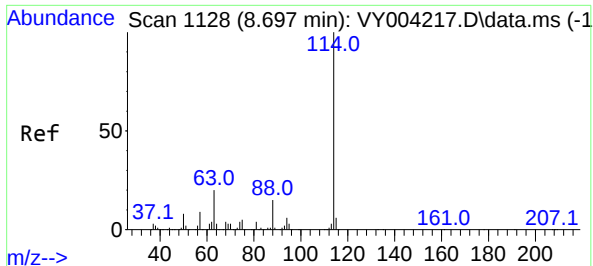
Tgt Ion:168 Resp: 174621
Ion Ratio Lower Upper
168 100
99 53.4 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 63.21 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion: 65 Resp: 106104
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.2

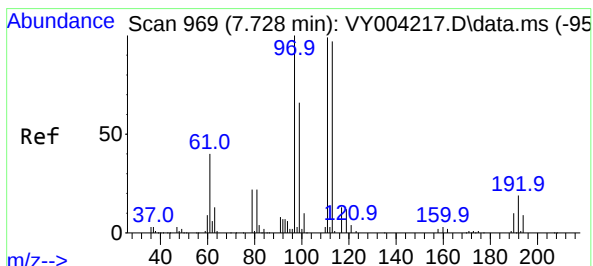
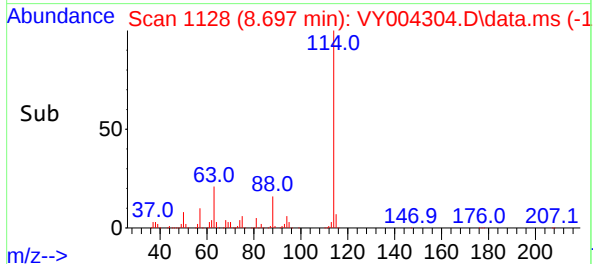
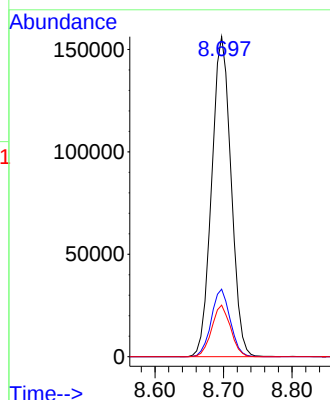
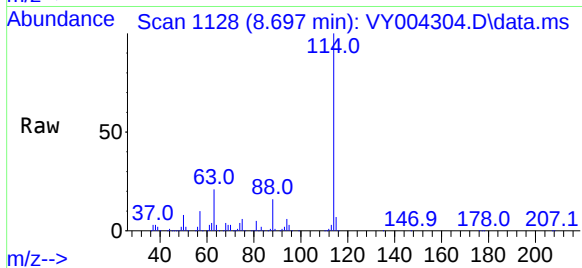




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

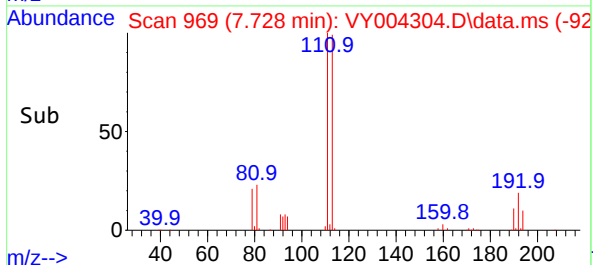
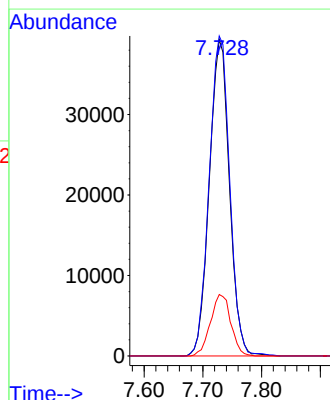
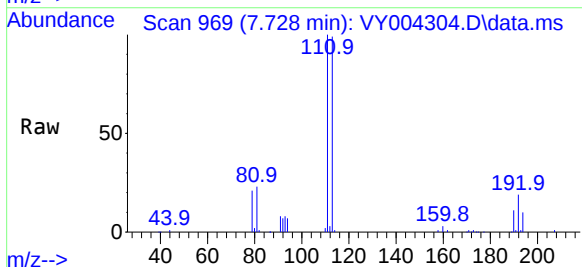
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BENNETT_BH_05_1-1.5

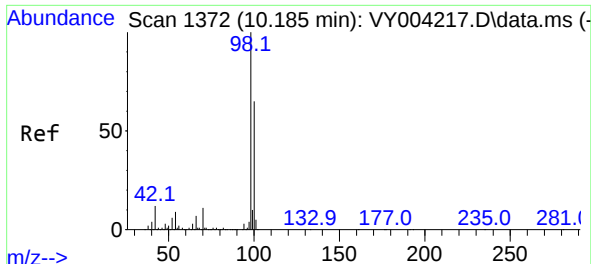
Tgt Ion:	114	Resp:	306134
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.4
88	16.1	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.69 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion:	113	Resp:	93285
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	19.7	16.4	24.6

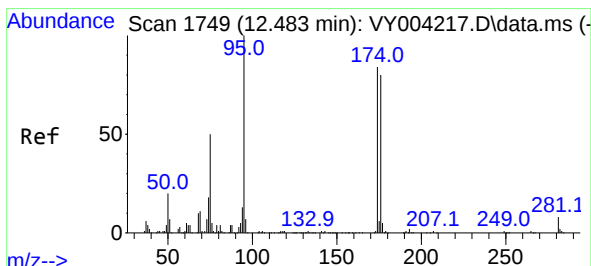
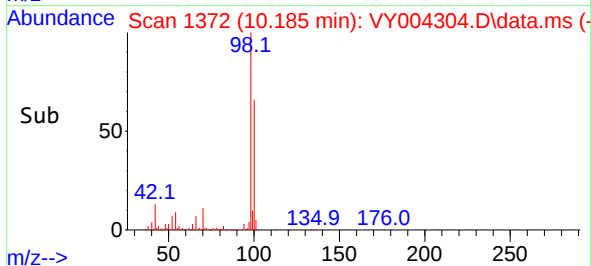
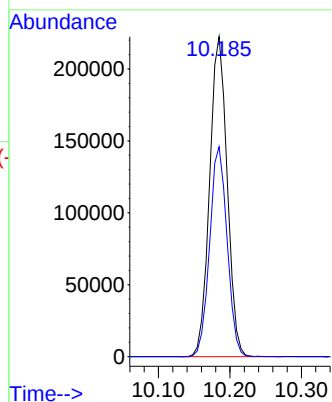
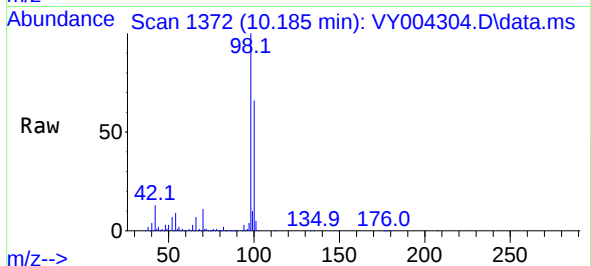




#50
Toluene-d8
Concen: 59.03 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

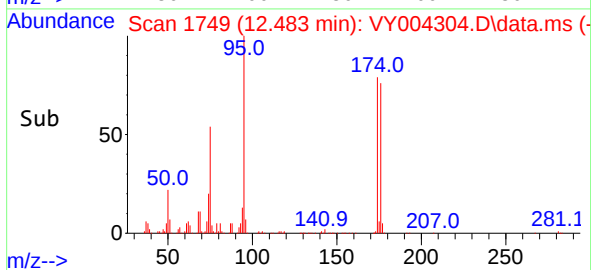
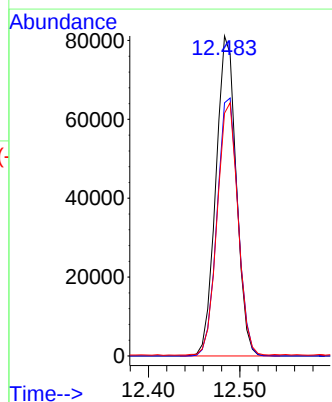
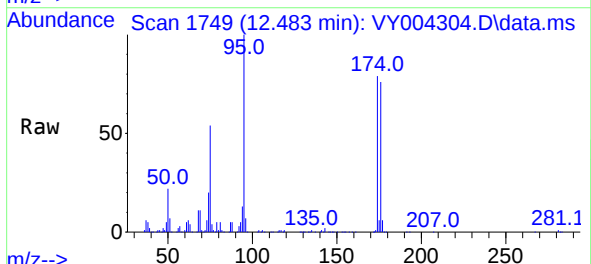
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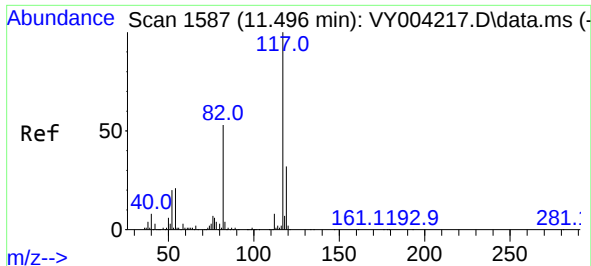
Tgt Ion: 98 Resp: 378711
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 57.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion: 95 Resp: 125859
Ion Ratio Lower Upper
95 100
174 82.6 0.0 171.4
176 80.1 0.0 165.6



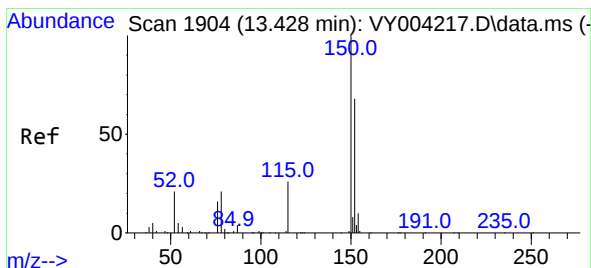
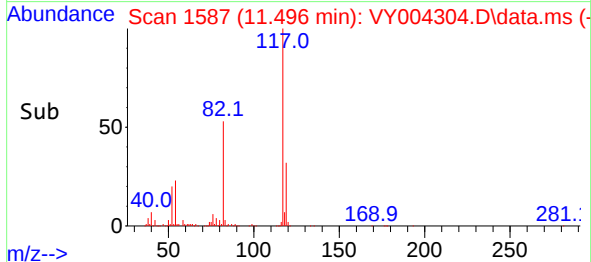
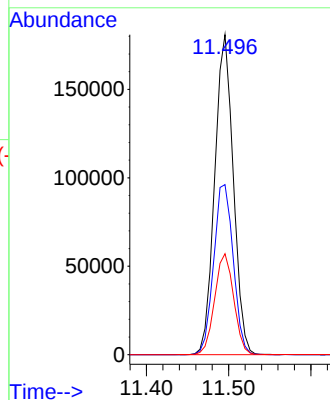
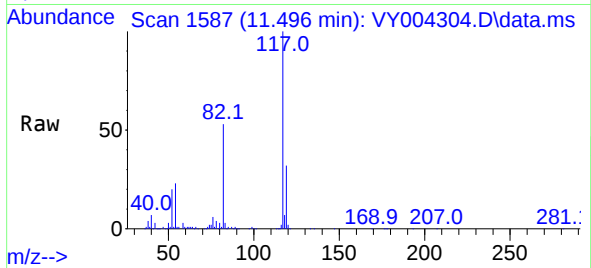


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004304.D
Acq: 06 Apr 2021 17:32

Instrument :
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Tgt Ion:117 Resp: 285038

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.7	64.1
119	31.5	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: VY004304.D
Acq: 06 Apr 2021 17:32

Tgt Ion:152 Resp: 128621

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.0	87.1
150	157.5	0.0	347.4

