

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
 Data File : VN065987.D
 Acq On : 23 Feb 2021 15:39
 Operator : JC/MD
 Sample : M1470-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-591

Quant Time: Feb 24 00:35:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.630	168	140376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	231100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	211191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	86126	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	92004	46.87	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.74%
35) Dibromofluoromethane	7.553	113	70382	49.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.42%
50) Toluene-d8	10.058	98	283936	48.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.72%
62) 4-Bromofluorobenzene	12.373	95	101457	46.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.06%

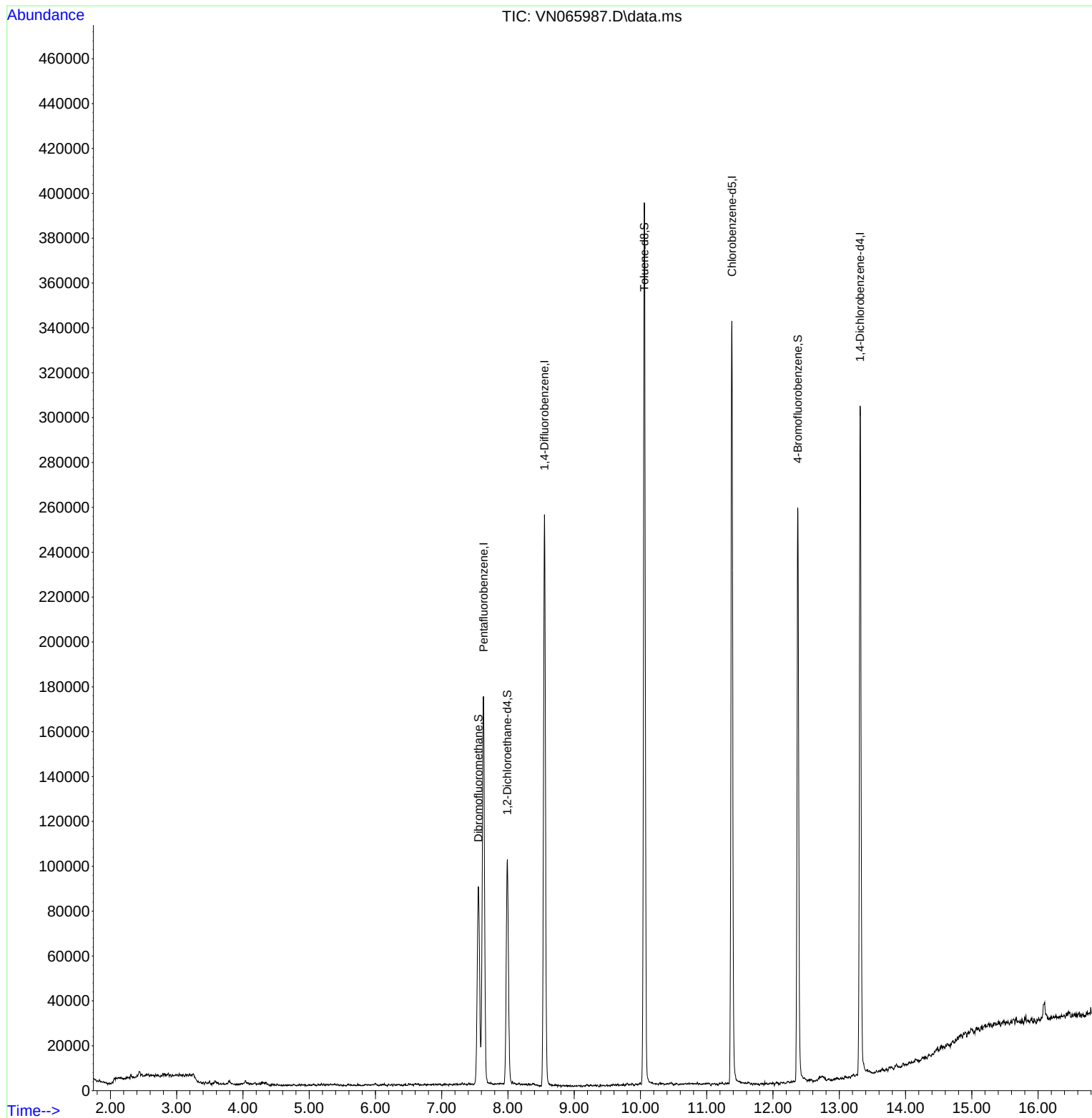
Target Compounds	Qvalue

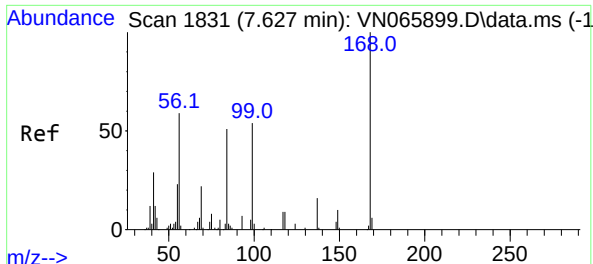
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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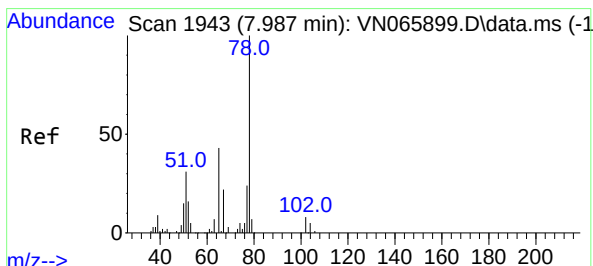
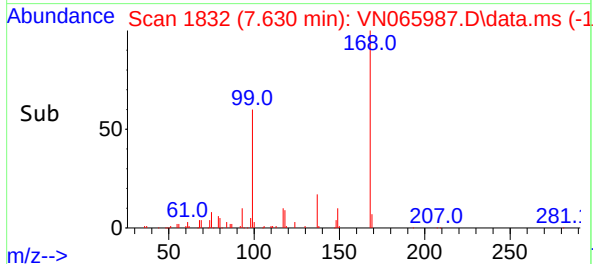
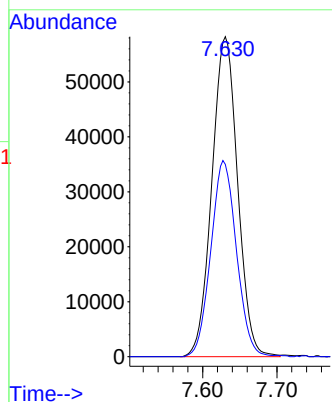
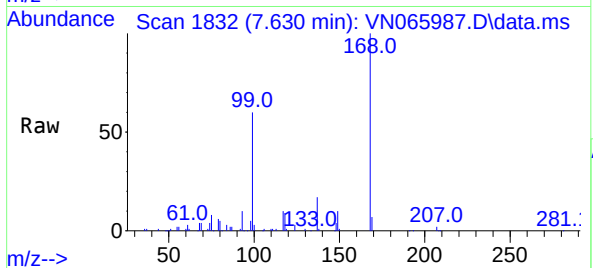




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

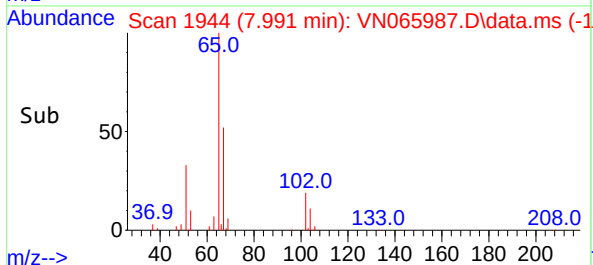
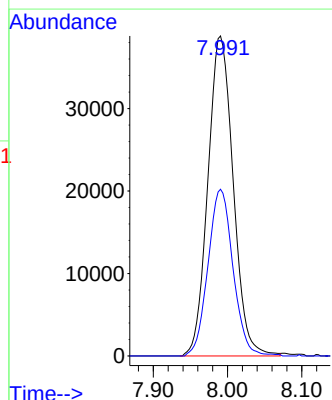
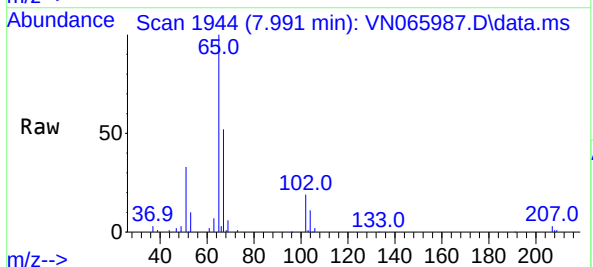
Instrument :
MSVOA_N
ClientSampled :
CBH-591

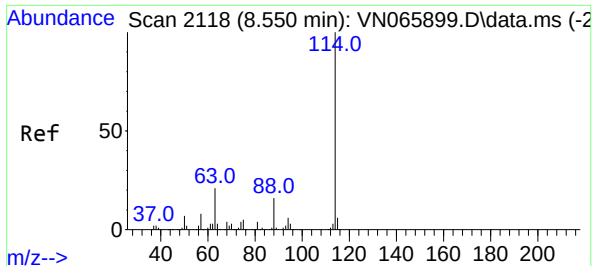
Tgt Ion:168 Resp: 140376
Ion Ratio Lower Upper
168 100
99 60.1 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 46.87 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Tgt Ion: 65 Resp: 92004
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.2

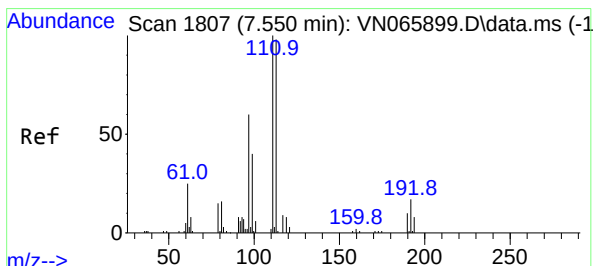
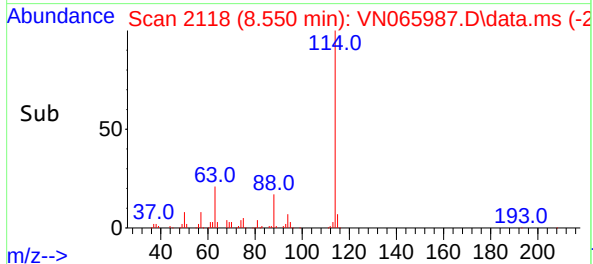
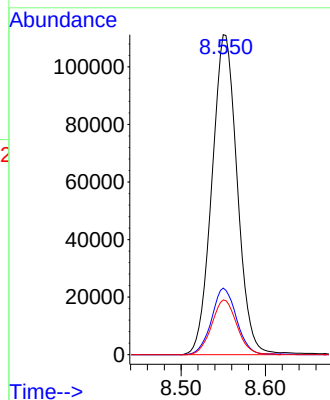
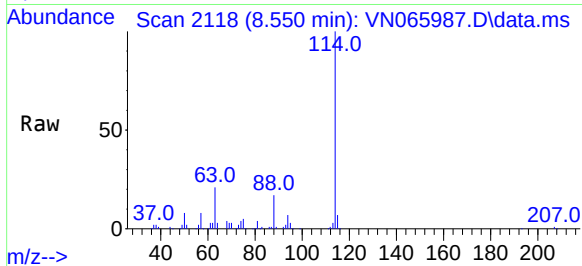




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

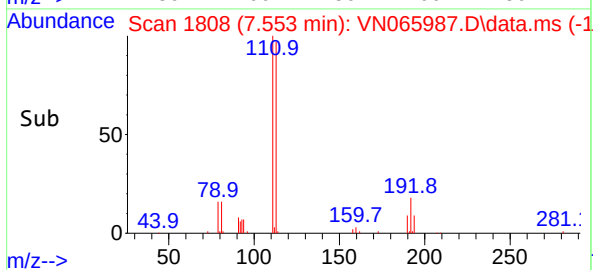
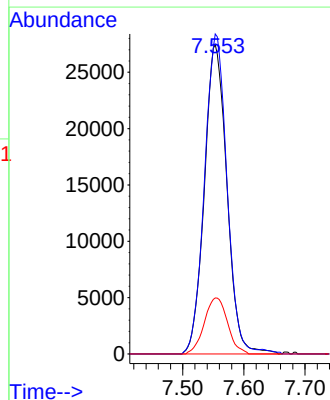
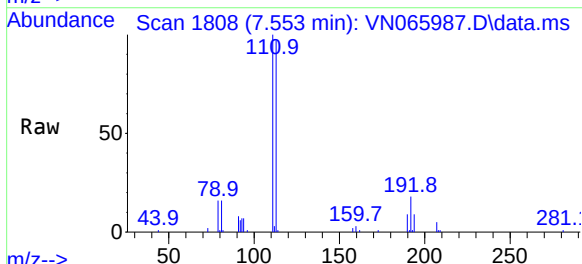
Instrument :
MSVOA_N
ClientSampleId :
CBH-591

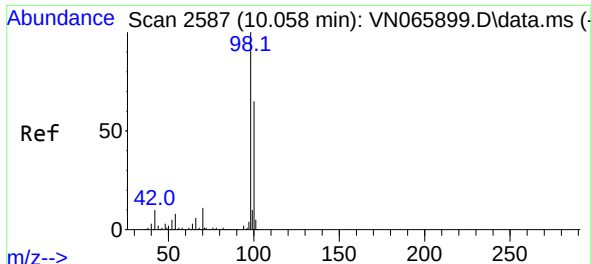
Tgt Ion:	114	Resp:	231100
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.6
88	17.1	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.21 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Tgt Ion:	113	Resp:	70382
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	18.7	15.4	23.0

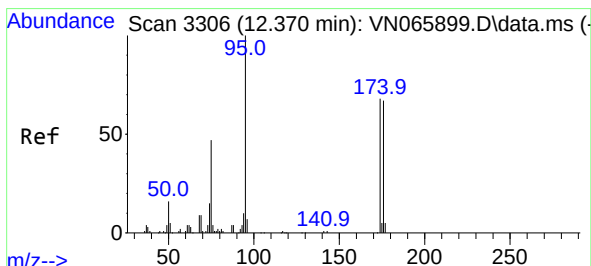
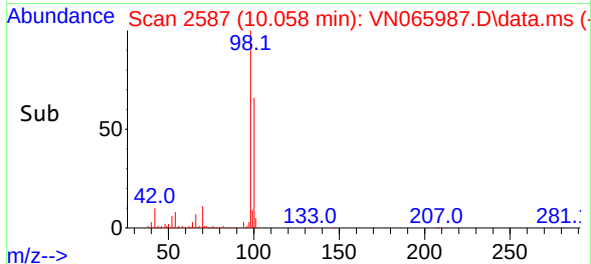
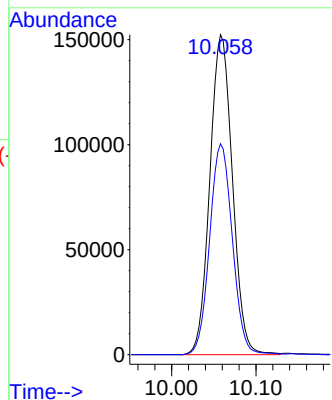
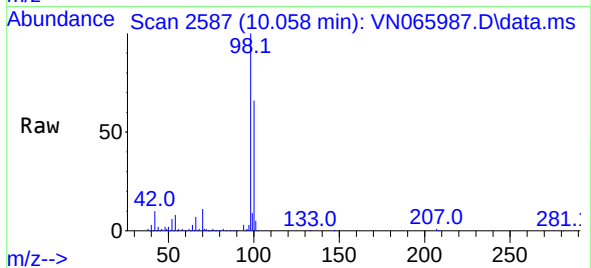




#50
Toluene-d8
Concen: 48.36 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

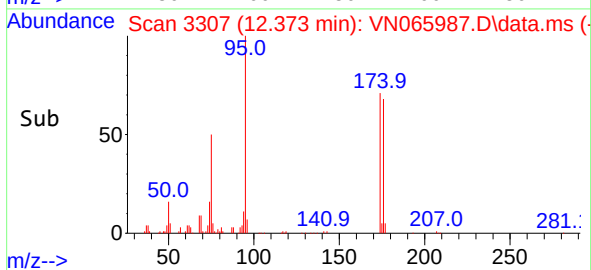
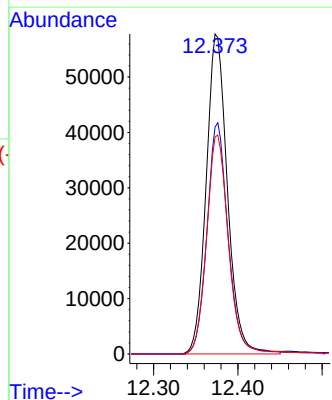
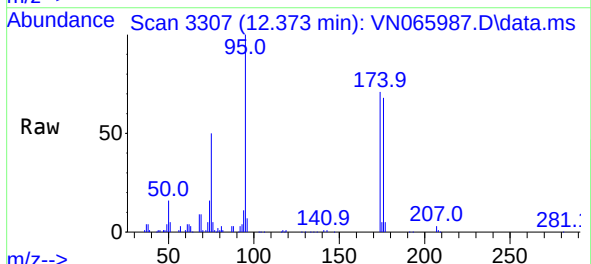
Instrument :
MSVOA_N
ClientSampled :
CBH-591

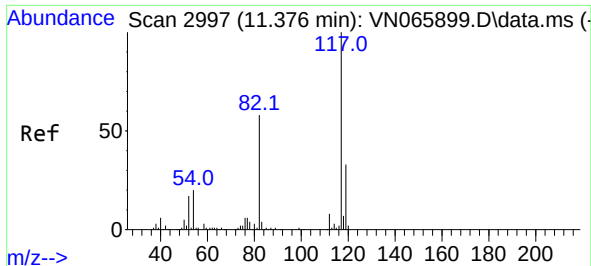
Tgt Ion: 98 Resp: 283936
Ion Ratio Lower Upper
98 100
100 66.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.03 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Tgt Ion: 95 Resp: 101457
Ion Ratio Lower Upper
95 100
174 71.8 0.0 169.0
176 70.4 0.0 162.4

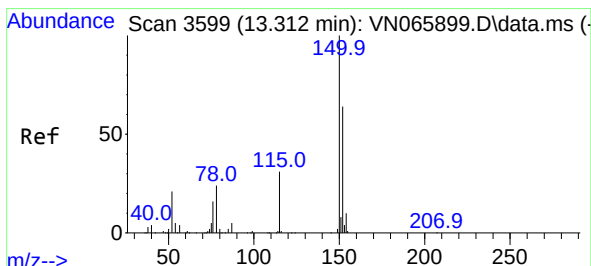
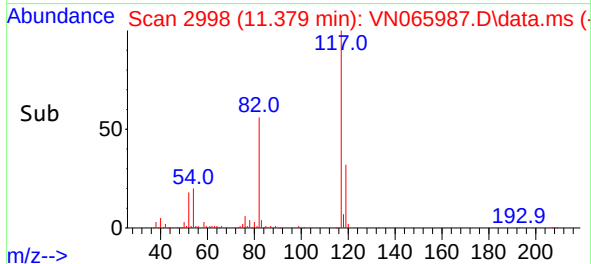
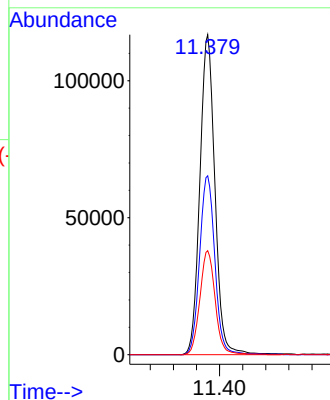
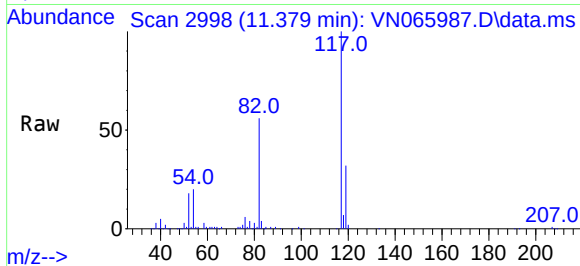




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Instrument :
MSVOA_N
ClientSampleId :
CBH-591

Tgt Ion:	117	Resp:	211191
Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.7	65.5
119	32.5	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065987.D
Acq: 23 Feb 2021 15:39

Tgt Ion:	152	Resp:	86126
Ion	Ratio	Lower	Upper
152	100		
115	63.6	28.5	85.6
150	159.3	0.0	347.6

