

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065945.D
 Acq On : 18 Feb 2021 16:55
 Operator : JC/MD
 Sample : M1448-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-021721

Quant Time: Feb 19 00:17:46 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	7.631	168	181169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	304885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	274527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	96120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	117499	46.38	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.76%
35) Dibromofluoromethane	7.553	113	90850	48.15	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.30%
50) Toluene-d8	10.058	98	376437	48.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.20%
62) 4-Bromofluorobenzene	12.373	95	124836	42.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.86%

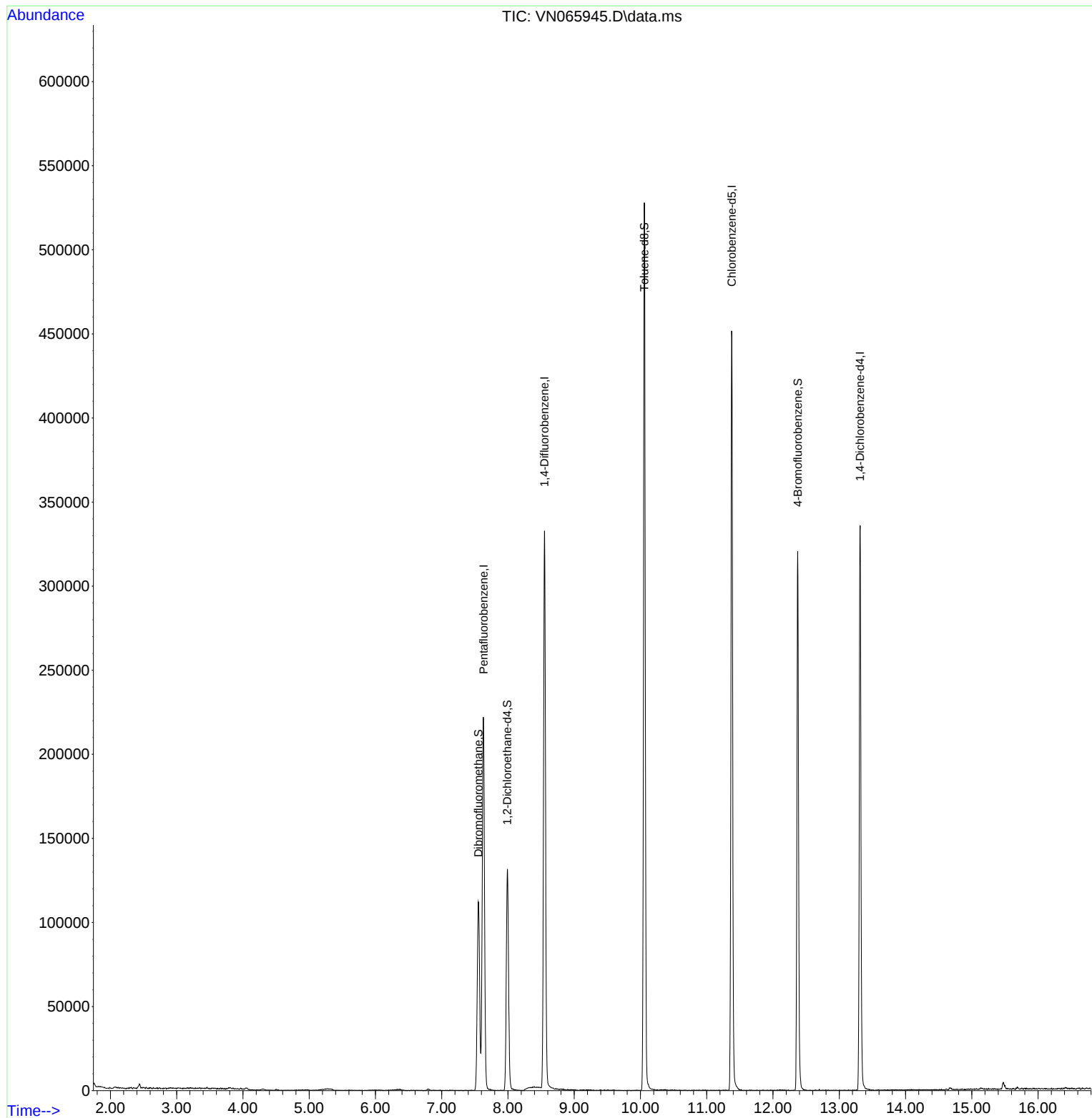
Target Compounds	Qvalue

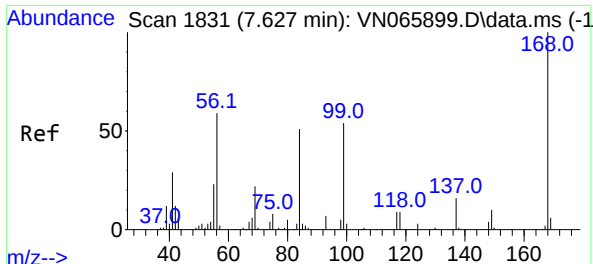
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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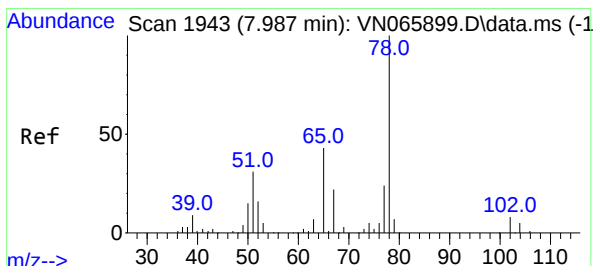
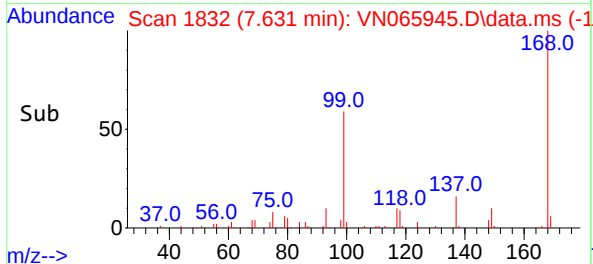
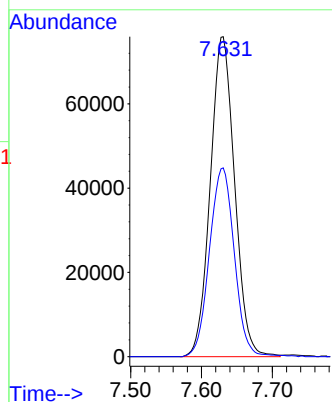
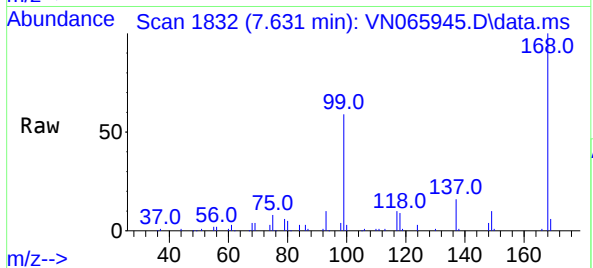




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

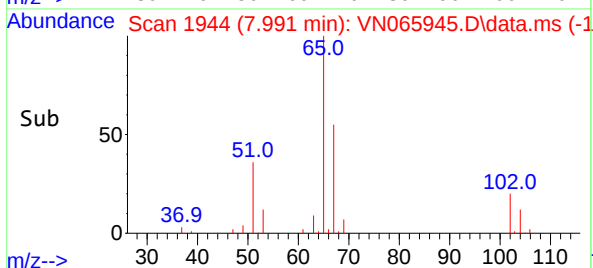
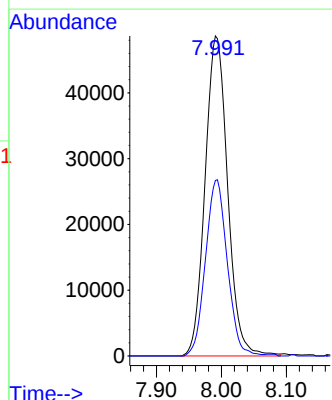
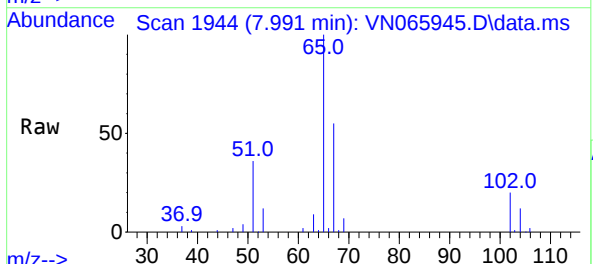
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021721

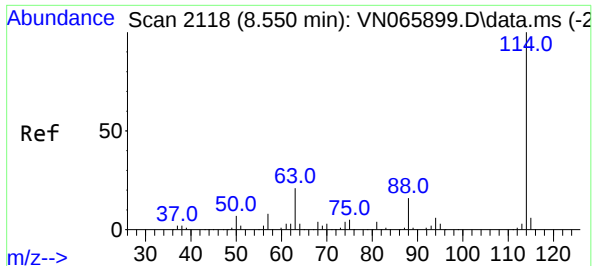
Tgt Ion:168 Resp: 181169
Ion Ratio Lower Upper
168 100
99 59.0 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 46.38 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion: 65 Resp: 117499
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2

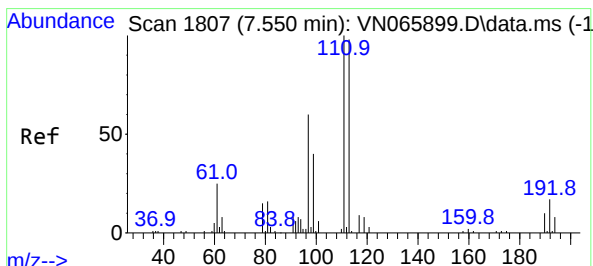
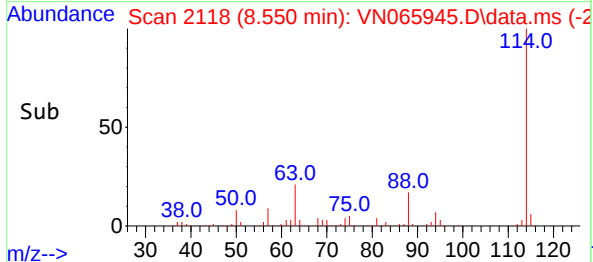
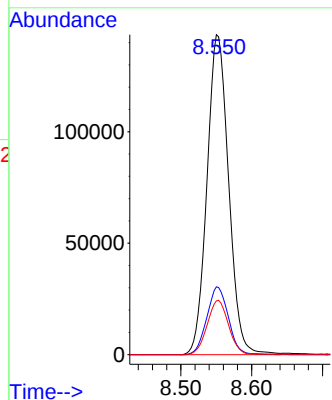
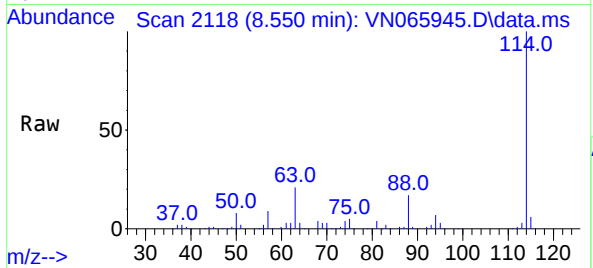




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

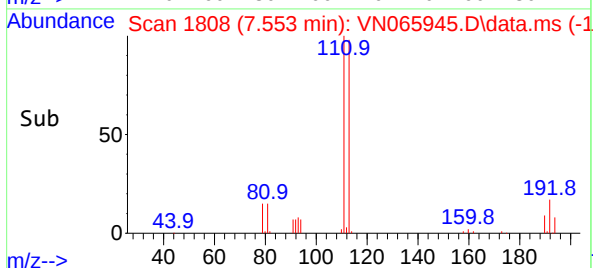
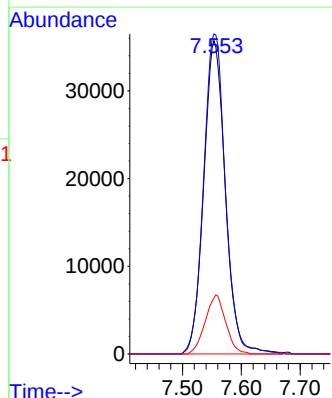
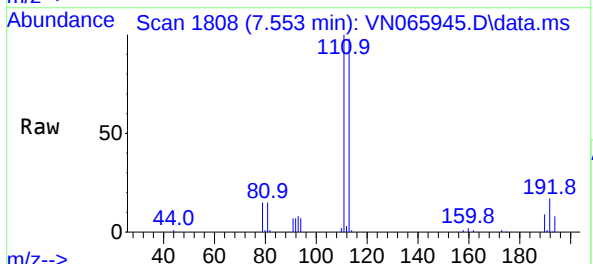
Instrument :
MSVOA_N
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TB-01-021721

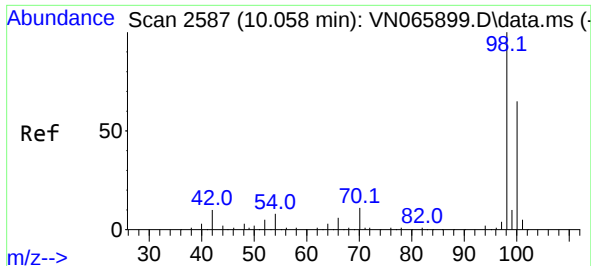
Tgt Ion:114 Resp: 304885
Ion Ratio Lower Upper
114 100
63 21.2 0.0 38.6
88 16.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.15 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion:113 Resp: 90850
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.9 15.4 23.0

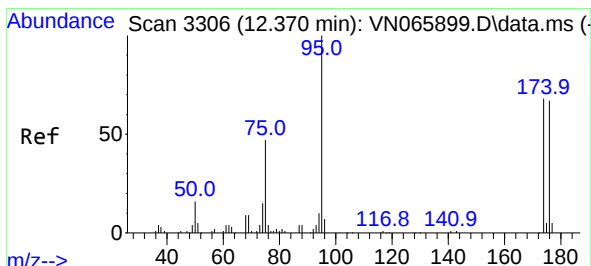
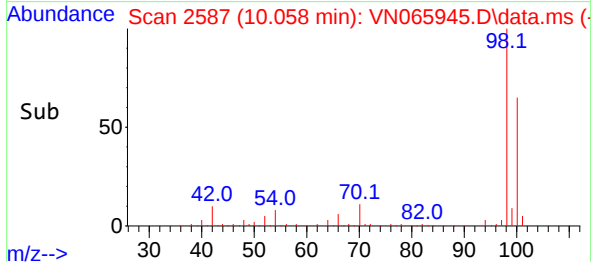
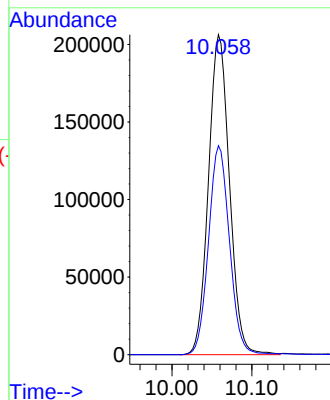
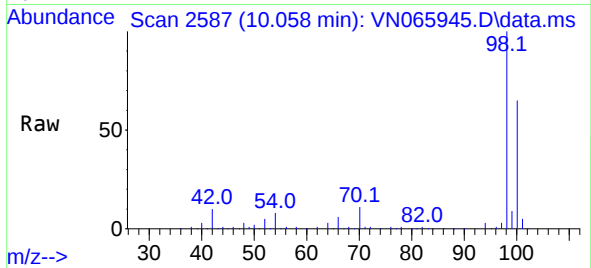




#50
Toluene-d8
Concen: 48.60 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

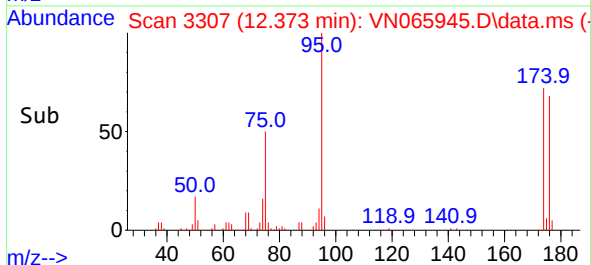
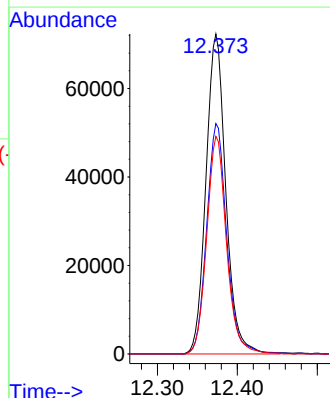
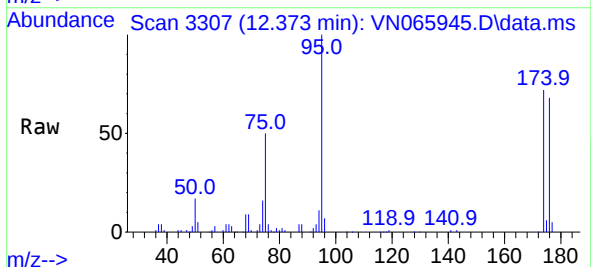
Instrument :
MSVOA_N
ClientSampleId :
TB-01-021721

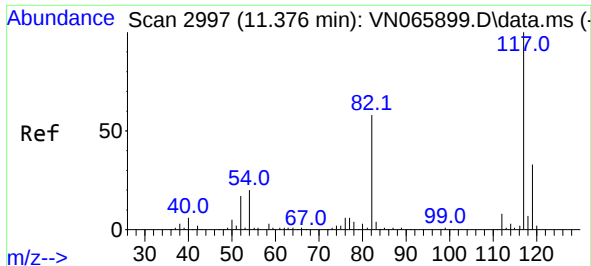
Tgt Ion: 98 Resp: 376437
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.93 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion: 95 Resp: 124836
Ion Ratio Lower Upper
95 100
174 73.1 0.0 169.0
176 67.9 0.0 162.4

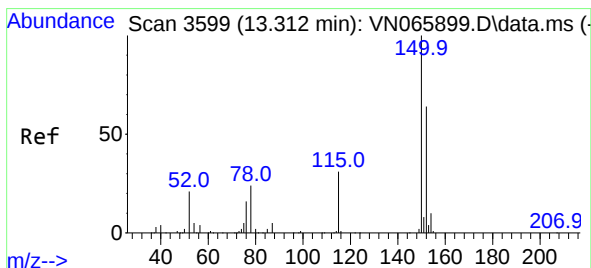
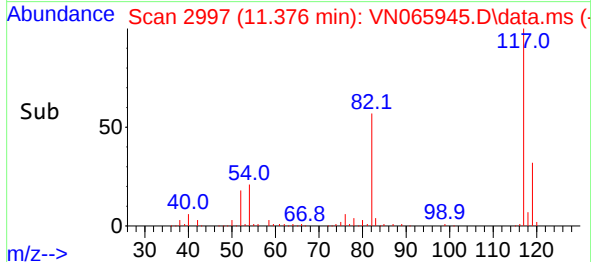
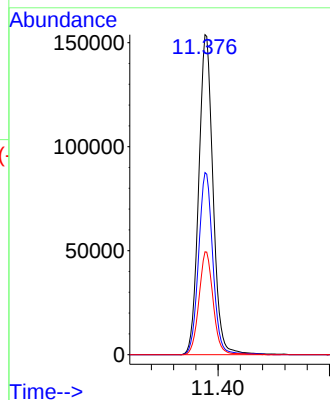
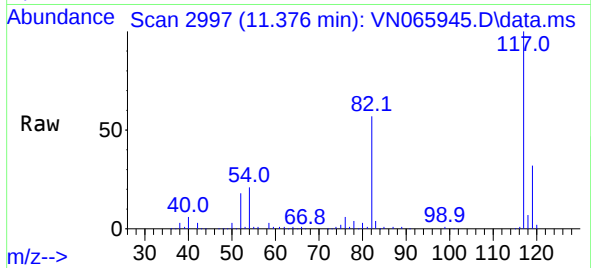




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065945.D
Acq: 18 Feb 2021 16:55

Instrument :
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Tgt Ion:	117	Resp:	274527
Ion Ratio	Lower	Upper	
117	100		
82	56.9	43.7	65.5
119	32.2	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: VN065945.D
Acq: 18 Feb 2021 16:55

Tgt Ion:	152	Resp:	96120
Ion Ratio	Lower	Upper	
152	100		
115	63.0	28.5	85.6
150	161.2	0.0	347.6

