

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021721\
 Data File : VN065916.D
 Acq On : 18 Feb 2021 00:55
 Operator : JC/MD
 Sample : M1405-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Feb 18 01:50:01 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	7.627	168	180674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	306512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	277677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	96791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	118258	46.81	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.62%
35) Dibromofluoromethane	7.553	113	90298	47.60	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.20%
50) Toluene-d8	10.058	98	376847	48.39	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.78%
62) 4-Bromofluorobenzene	12.373	95	125531	42.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.88%

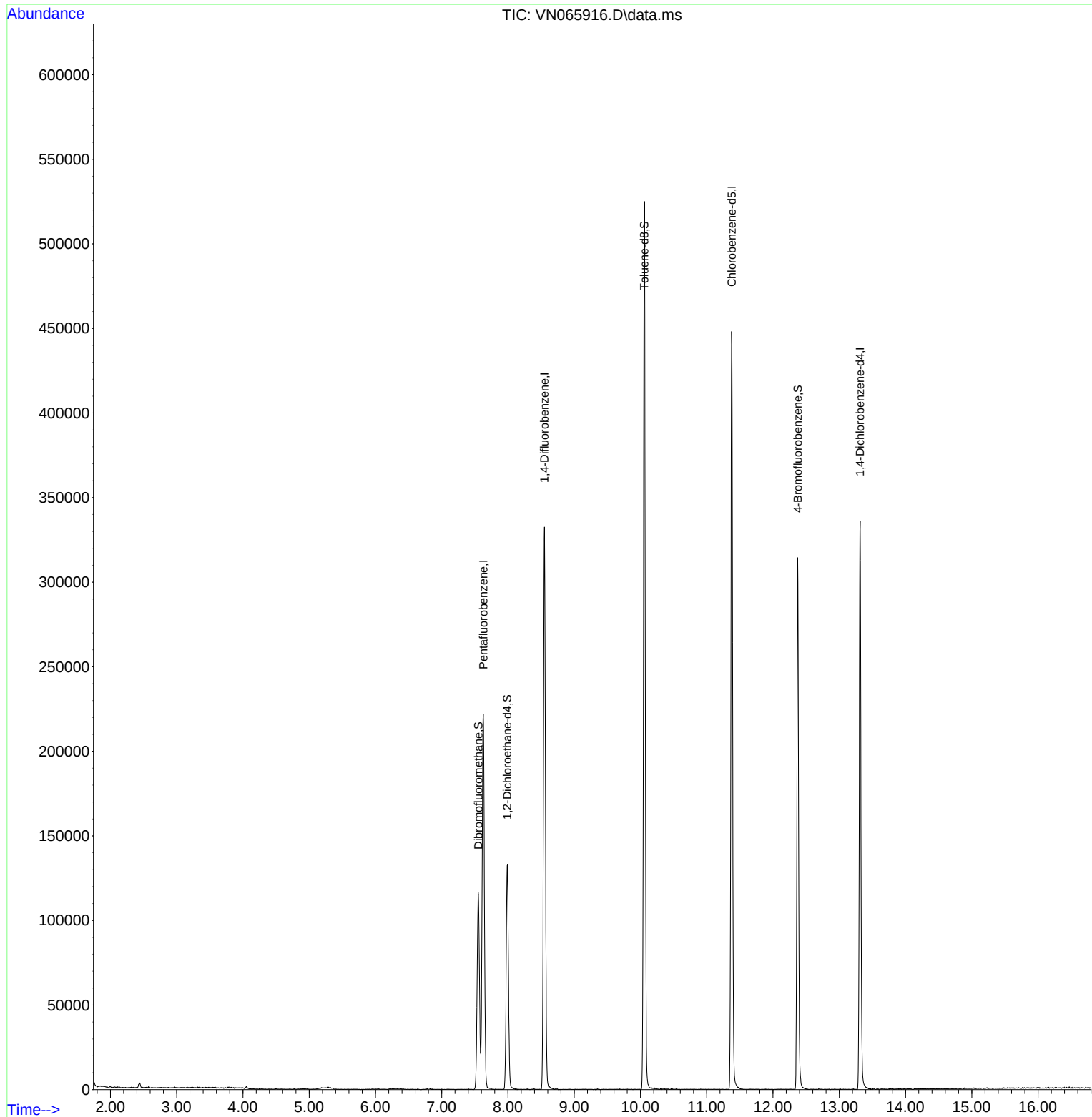
Target Compounds	Qvalue

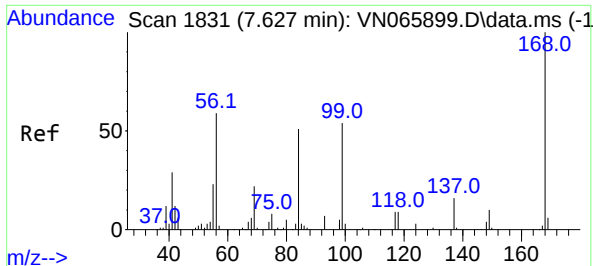
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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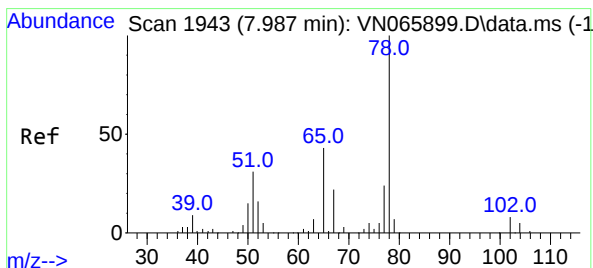
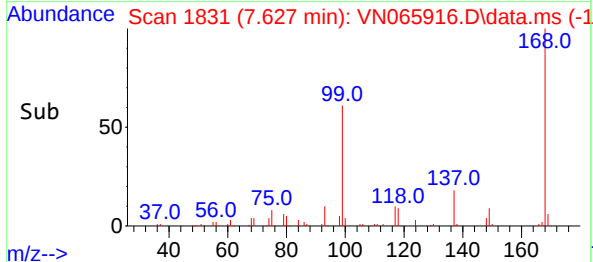
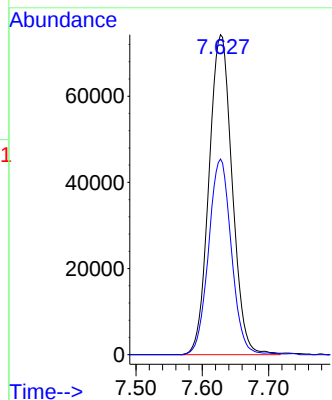
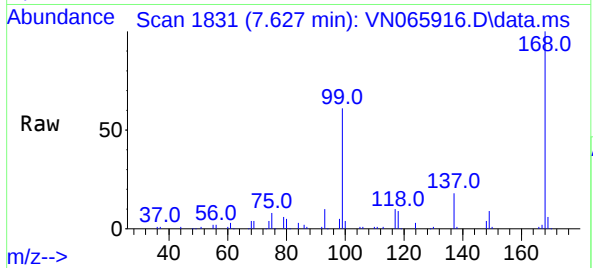




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065916.D
Acq: 18 Feb 2021 00:55

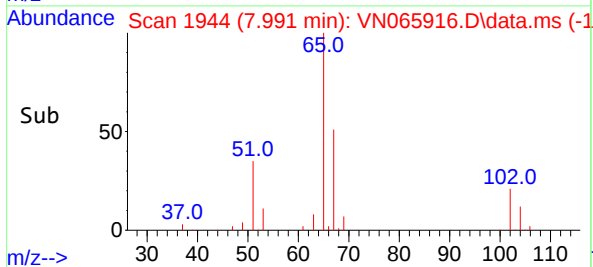
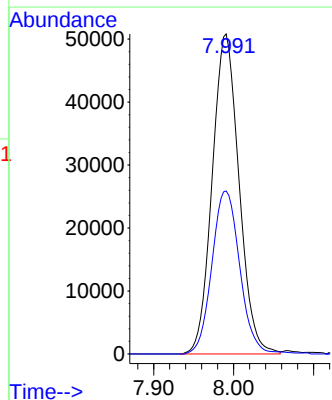
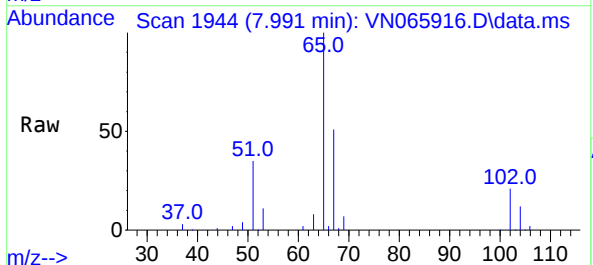
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

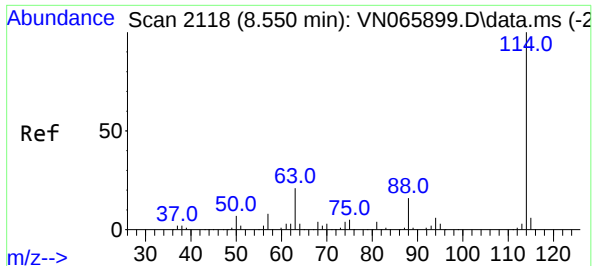
Tgt Ion:168 Resp: 180674
Ion Ratio Lower Upper
168 100
99 61.2 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 46.81 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065916.D
Acq: 18 Feb 2021 00:55

Tgt Ion: 65 Resp: 118258
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2

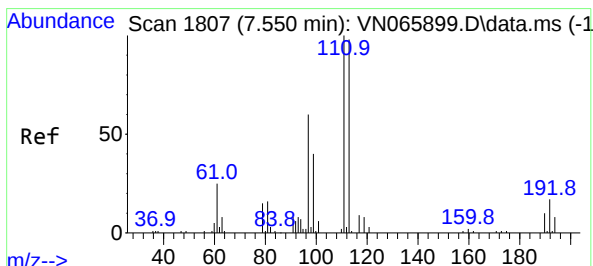
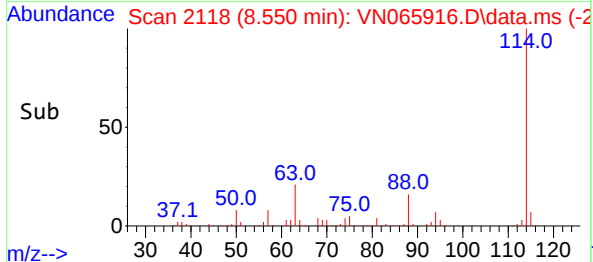
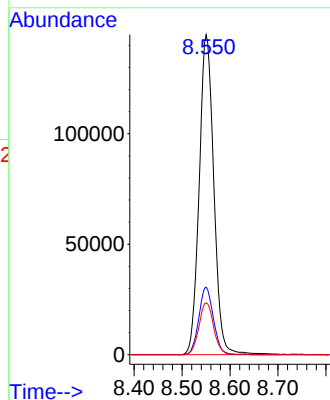
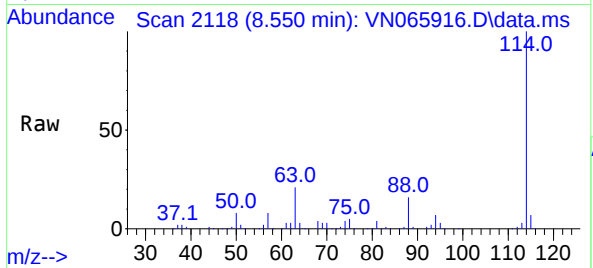




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065916.D
Acq: 18 Feb 2021 00:55

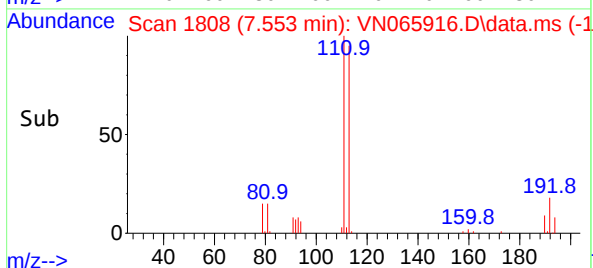
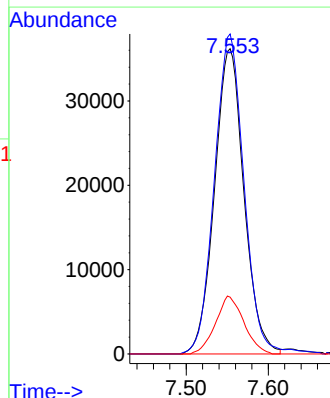
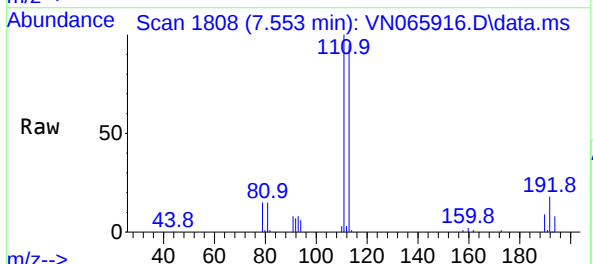
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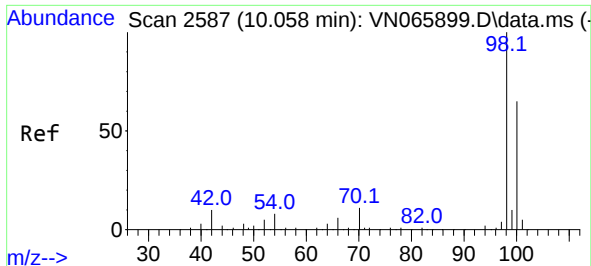
Tgt Ion:114 Resp: 306512
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.6
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.60 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065916.D
Acq: 18 Feb 2021 00:55

Tgt Ion:113 Resp: 90298
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 18.3 15.4 23.0

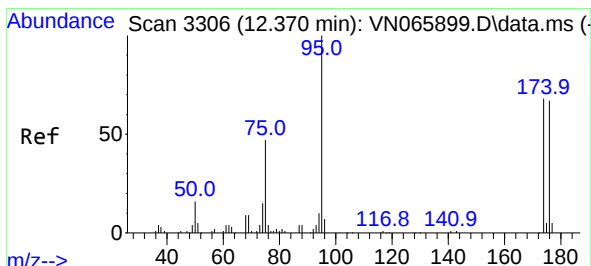
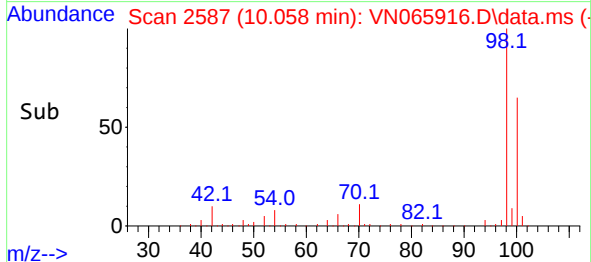
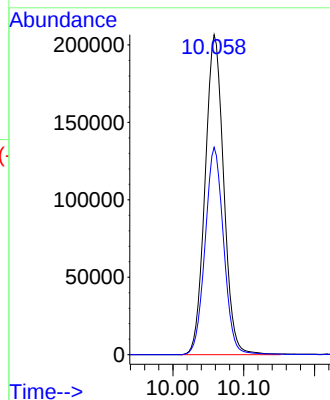
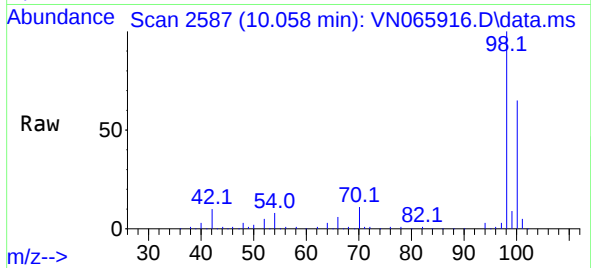




#50
Toluene-d8
Concen: 48.39 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065916.D
Acq: 18 Feb 2021 00:55

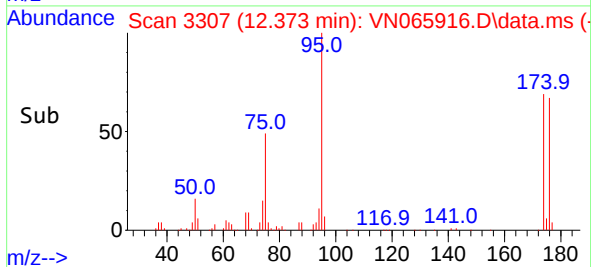
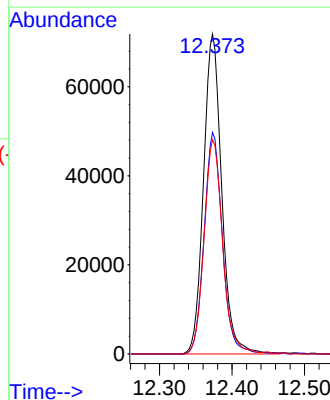
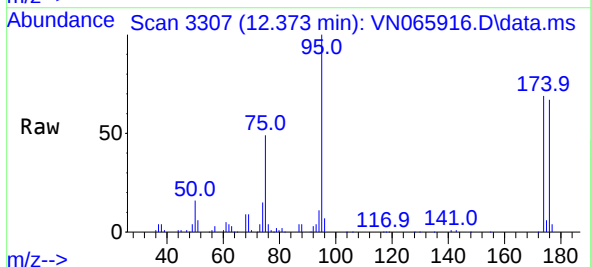
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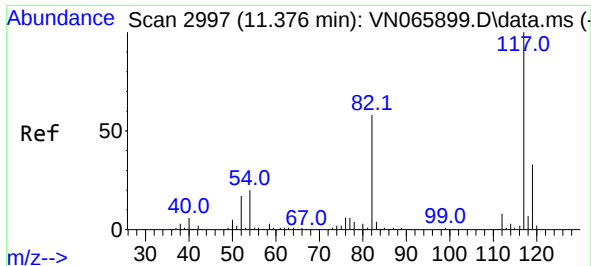
Tgt Ion: 98 Resp: 376847
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.94 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065916.D
Acq: 18 Feb 2021 00:55

Tgt Ion: 95 Resp: 125531
Ion Ratio Lower Upper
95 100
174 69.4 0.0 169.0
176 67.7 0.0 162.4

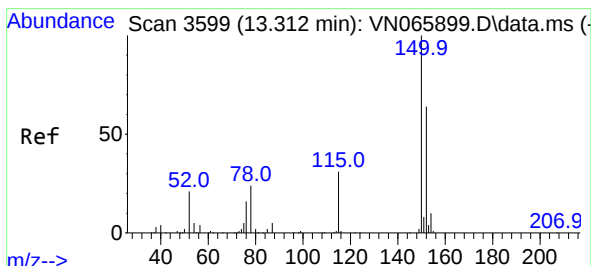
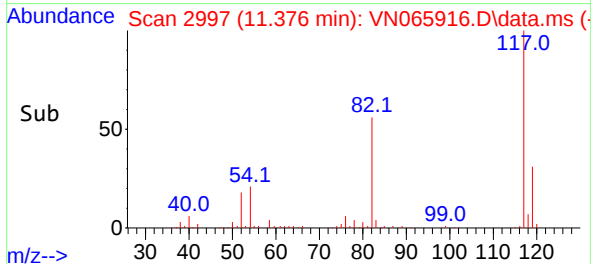
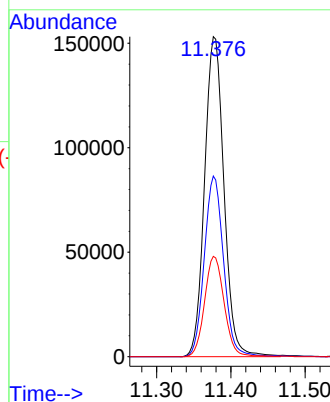
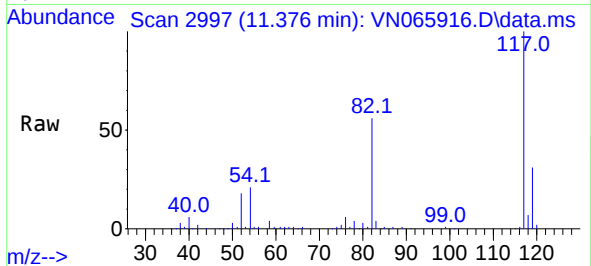




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065916.D
Acq: 18 Feb 2021 00:55

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Tgt Ion:	117	Resp:	277677
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.7	65.5
119	31.3	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: VN065916.D
Acq: 18 Feb 2021 00:55

Tgt Ion:	152	Resp:	96791
Ion	Ratio	Lower	Upper
152	100		
115	62.8	28.5	85.6
150	158.2	0.0	347.6

