

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065946.D
 Acq On : 18 Feb 2021 17:20
 Operator : JC/MD
 Sample : M1448-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-03-021721

Quant Time: Feb 19 00:18:00 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	190706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	328012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	297662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	106678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	125734	47.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.30%
35) Dibromofluoromethane	7.550	113	98753	48.65	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.30%
50) Toluene-d8	10.058	98	403656	48.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.88%
62) 4-Bromofluorobenzene	12.373	95	135272	43.24	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.48%

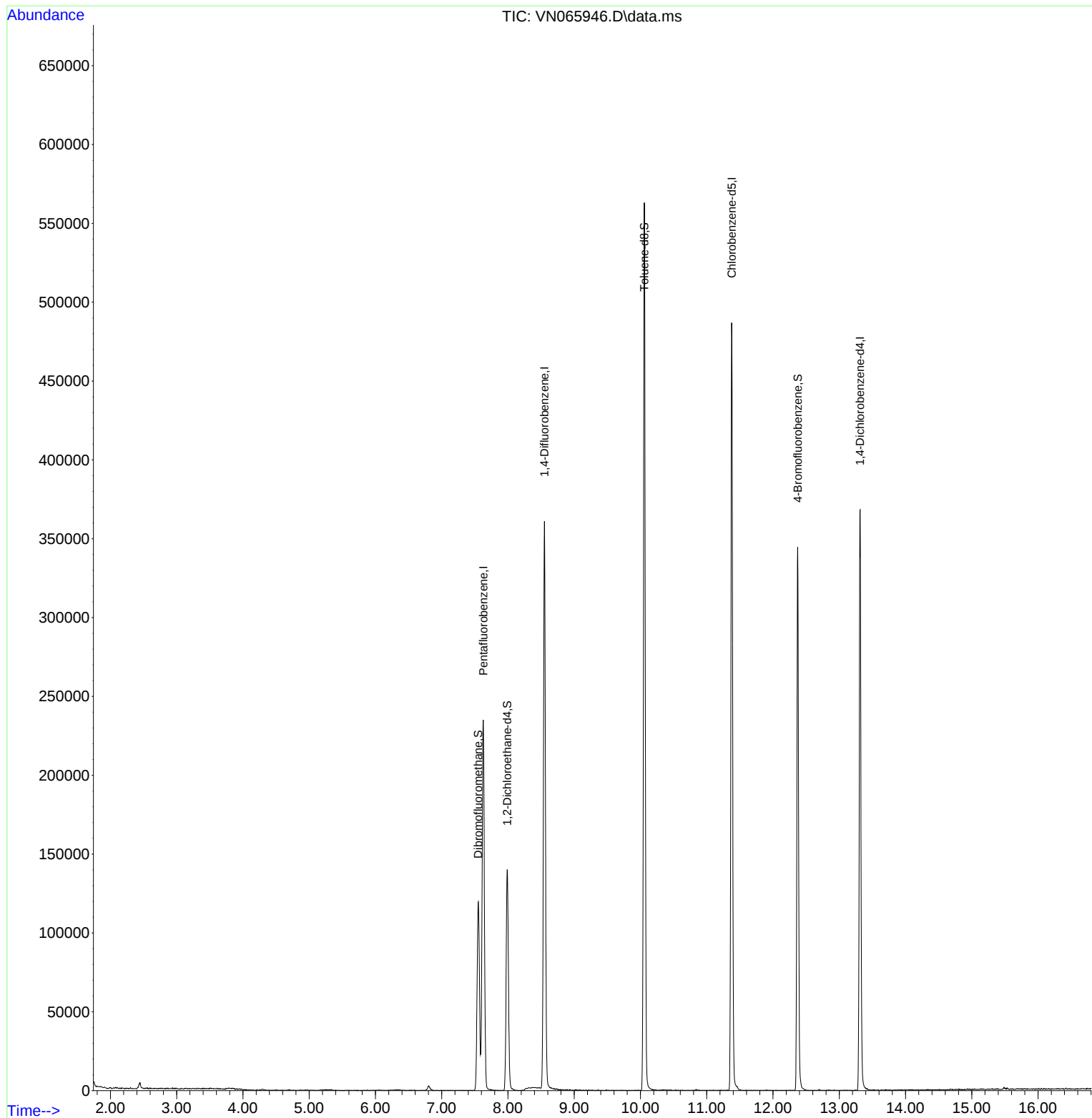
Target Compounds	Qvalue

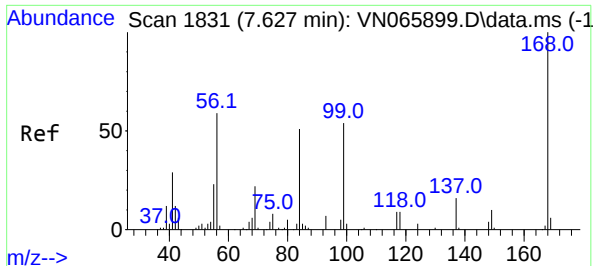
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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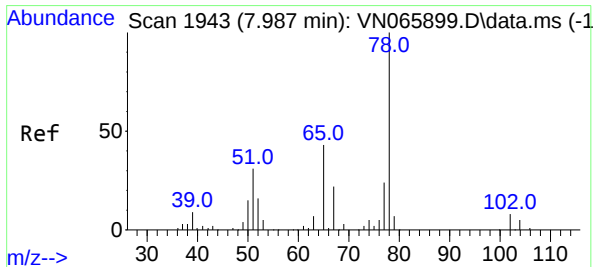
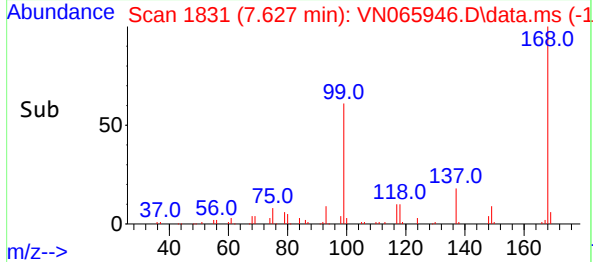
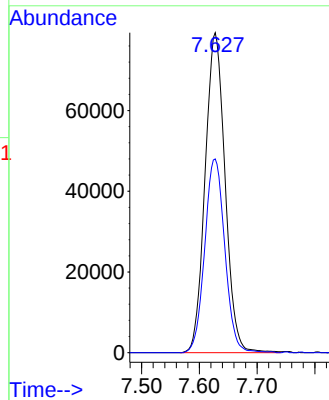
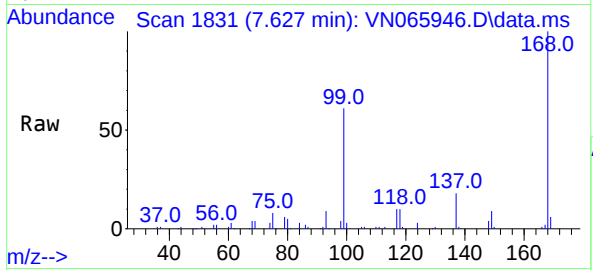




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

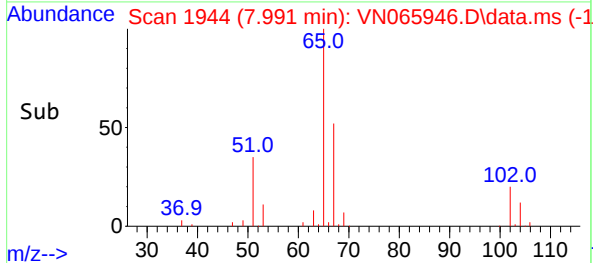
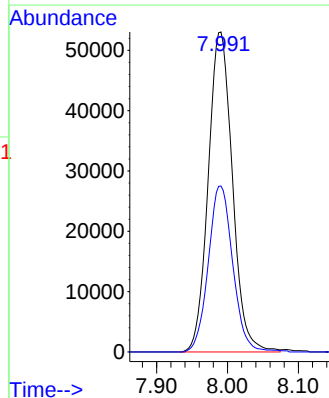
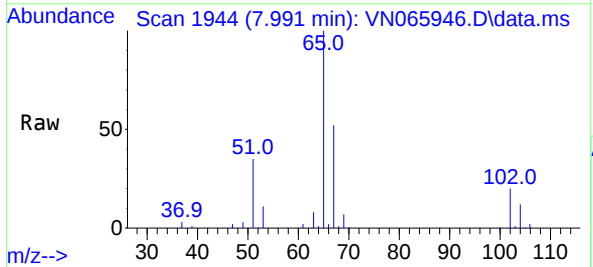
Instrument :
MSVOA_N
ClientSampleId :
FB-03-021721

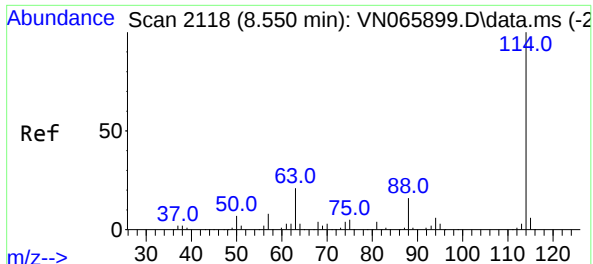
Tgt Ion:168 Resp: 190706
Ion Ratio Lower Upper
168 100
99 60.5 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 47.15 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion: 65 Resp: 125734
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.2



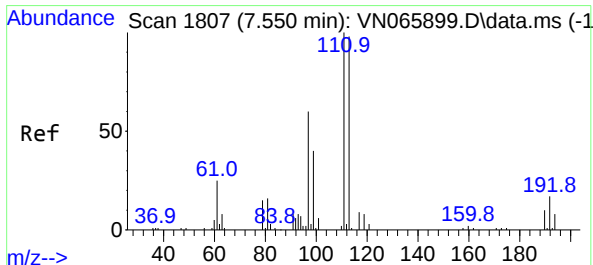
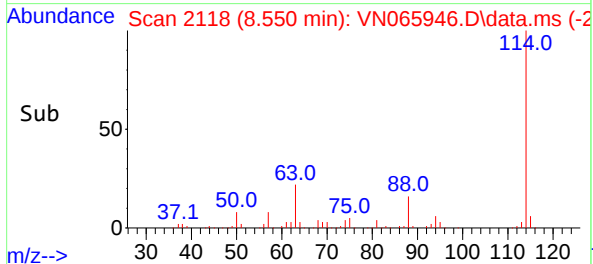
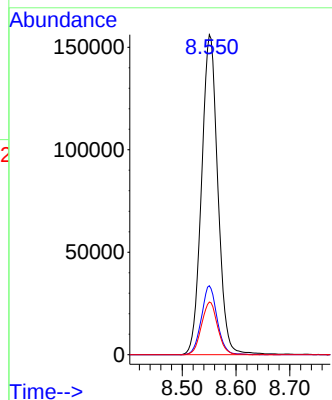
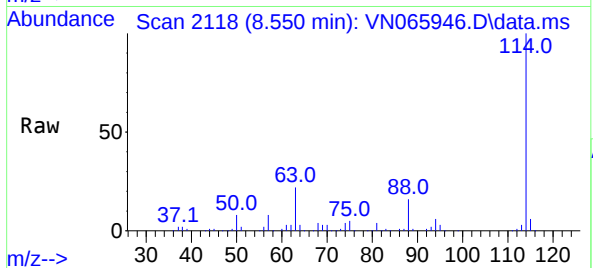


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Instrument :
MSVOA_N
ClientSampled :
FB-03-021721

Tgt Ion:114 Resp: 328012

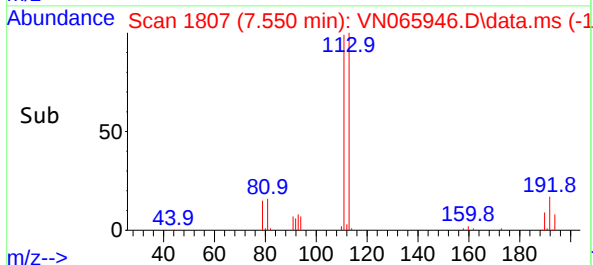
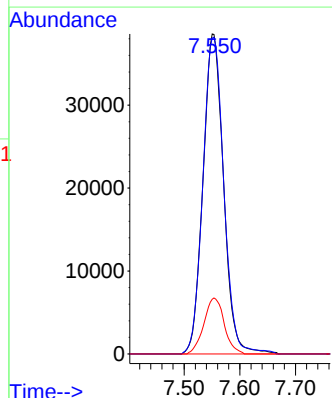
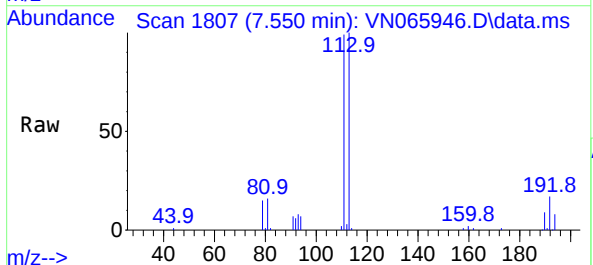
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	38.6
88	16.5	0.0	30.6

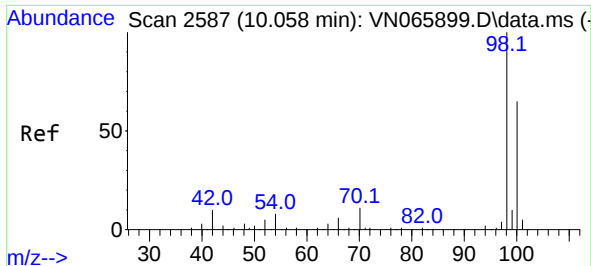


#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion:113 Resp: 98753

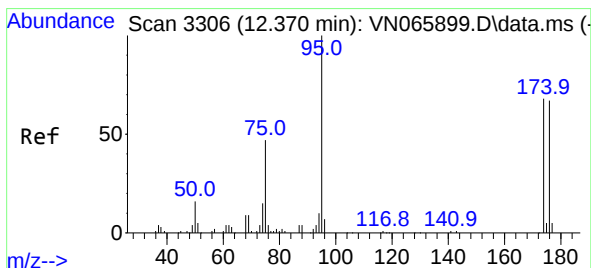
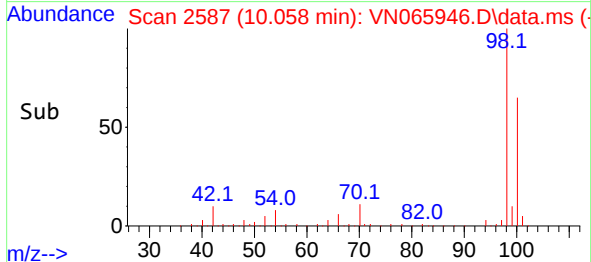
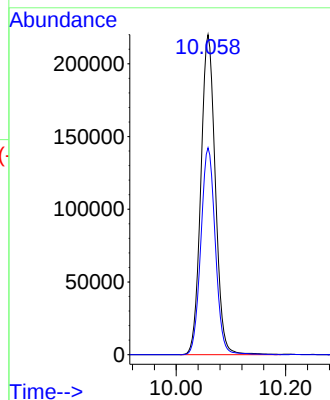
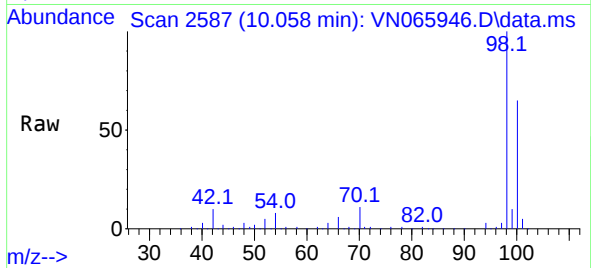
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.2
192	17.4	15.4	23.0





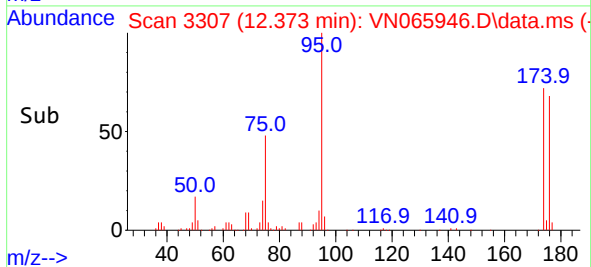
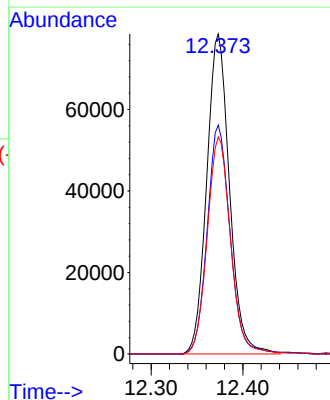
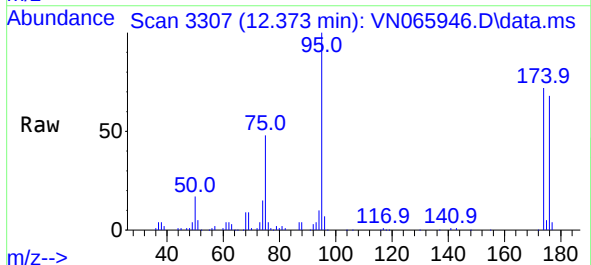
#50
Toluene-d8
Concen: 48.44 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

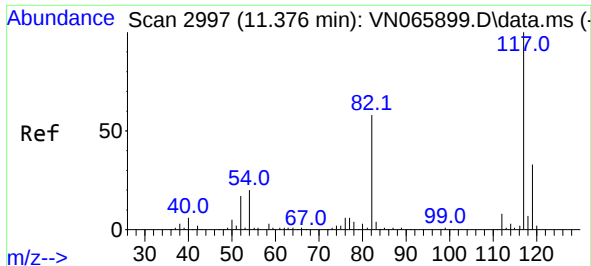
Tgt Ion: 98 Resp: 403656
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.24 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion: 95 Resp: 135272
Ion Ratio Lower Upper
95 100
174 71.9 0.0 169.0
176 69.5 0.0 162.4



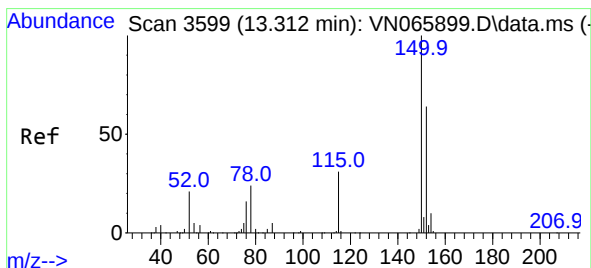
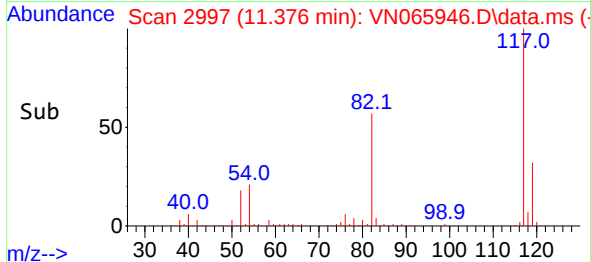
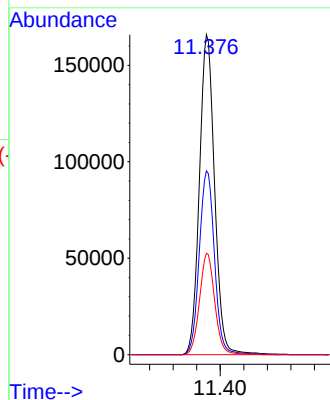
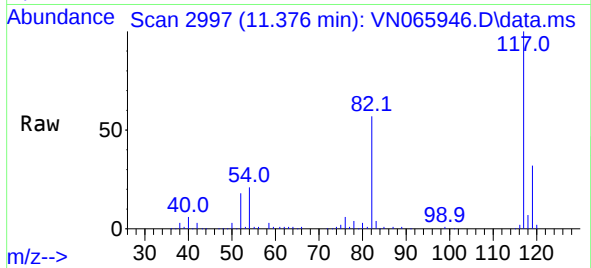


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065946.D
Acq: 18 Feb 2021 17:20

Instrument :
MSVOA_N
ClientSampleId :
FB-03-021721

Tgt Ion:117 Resp: 297662

Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.7	65.5
119	31.7	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: VN065946.D
Acq: 18 Feb 2021 17:20

Tgt Ion:152 Resp: 106678

Ion	Ratio	Lower	Upper
152	100		
115	61.6	28.5	85.6
150	156.4	0.0	347.6

