

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065942.D
 Acq On : 18 Feb 2021 15:49
 Operator : JC/MD
 Sample : M1431-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-021621

Quant Time: Feb 19 00:17:04 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	199714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	342339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	308433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	120709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	130802	46.84	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.68%
35) Dibromofluoromethane	7.553	113	101295	47.81	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.62%
50) Toluene-d8	10.058	98	421883	48.51	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.02%
62) 4-Bromofluorobenzene	12.373	95	141205	43.25	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.50%

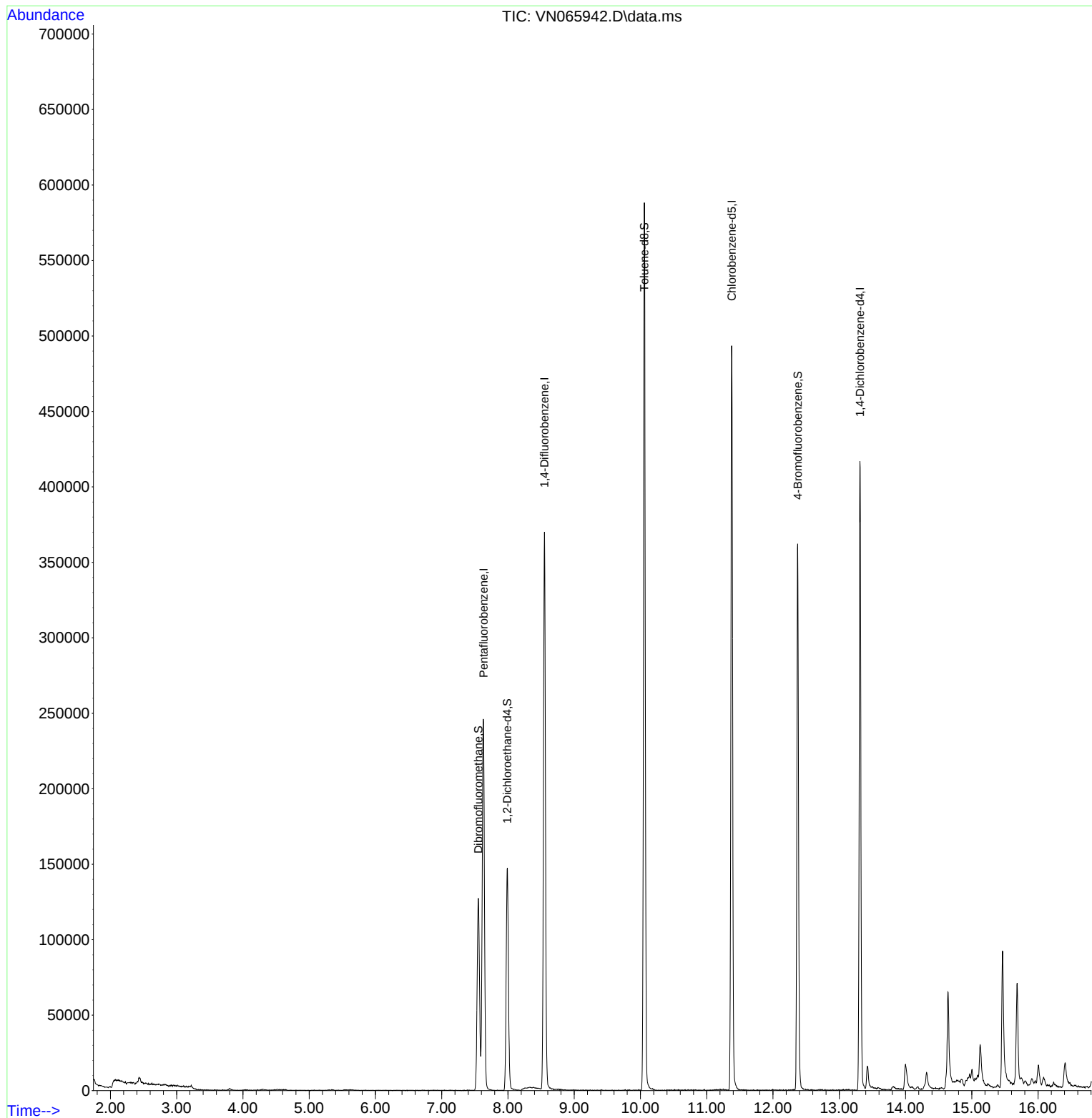
Target Compounds	Qvalue

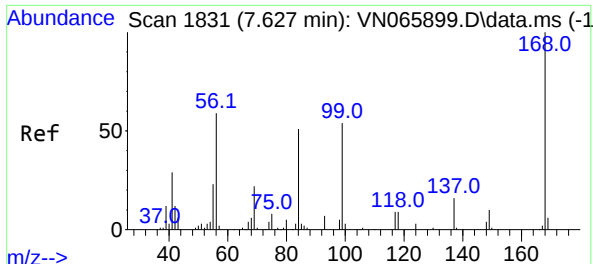
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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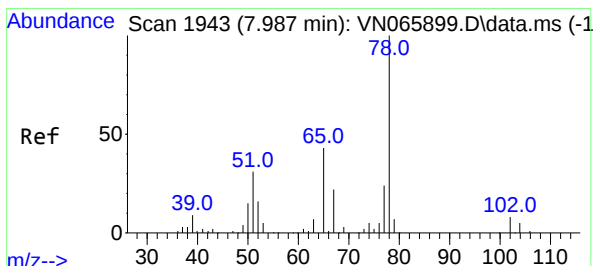
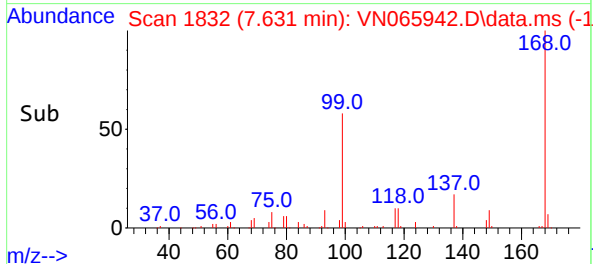
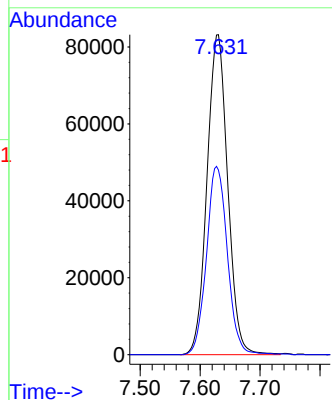
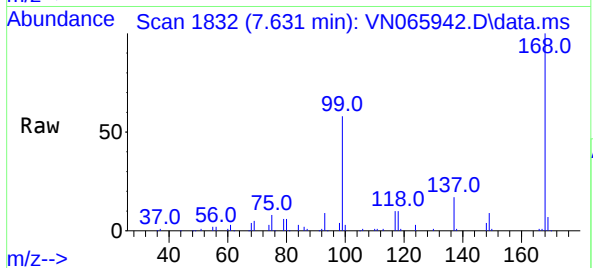




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.631 min Scan# 1832
Delta R.T. 0.004 min
Lab File: VN065942.D
Acq: 18 Feb 2021 15:49

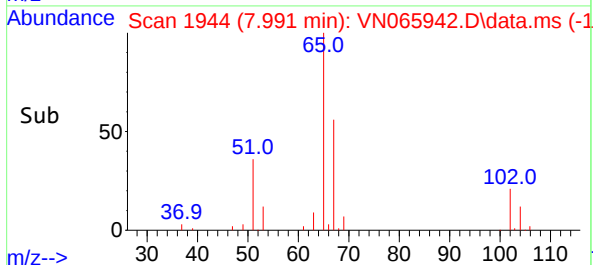
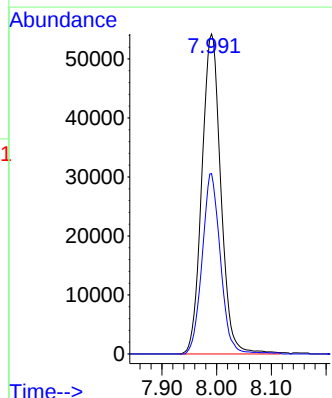
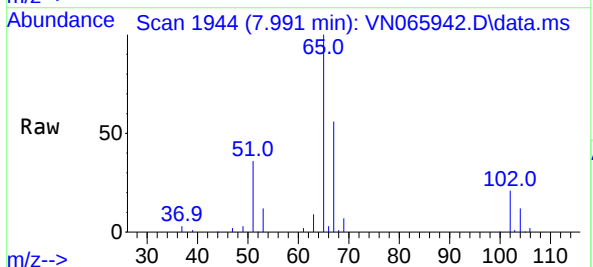
Instrument :
MSVOA_N
ClientSampleId :
TB-02-021621

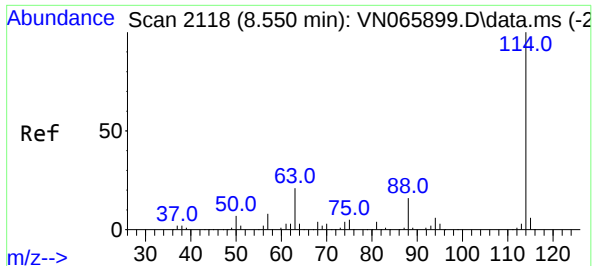
Tgt Ion:168 Resp: 199714
Ion Ratio Lower Upper
168 100
99 57.7 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 46.84 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065942.D
Acq: 18 Feb 2021 15:49

Tgt Ion: 65 Resp: 130802
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.2



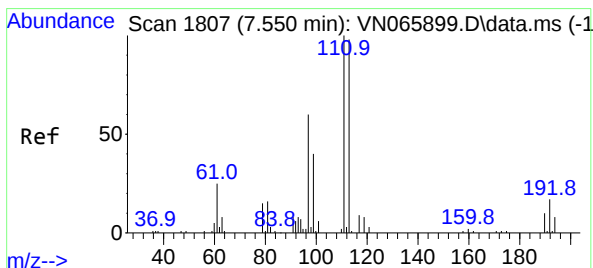
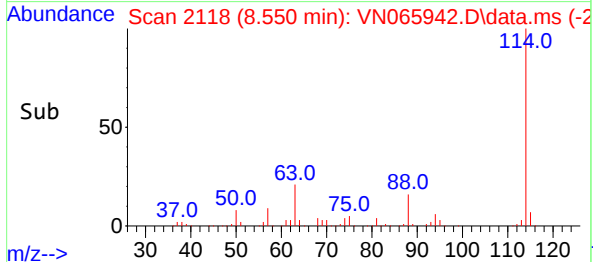
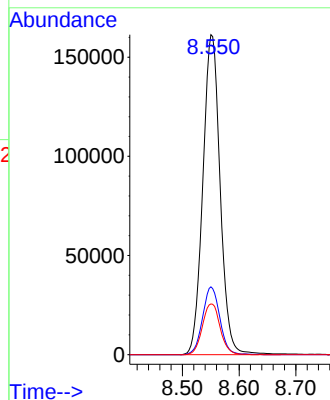
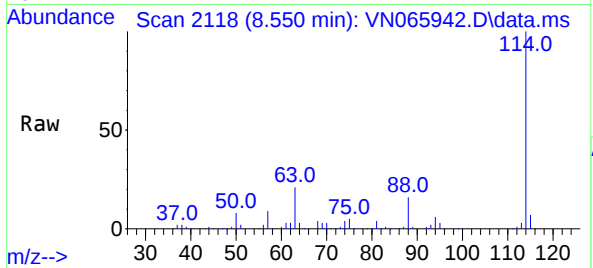


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065942.D
Acq: 18 Feb 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
TB-02-021621

Tgt Ion:114 Resp: 342339

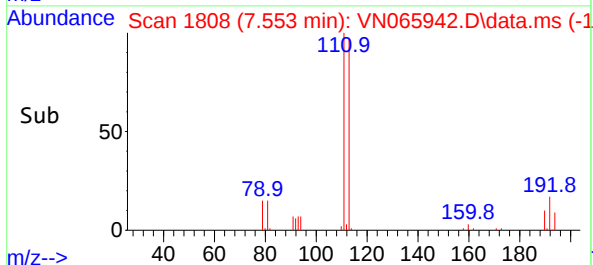
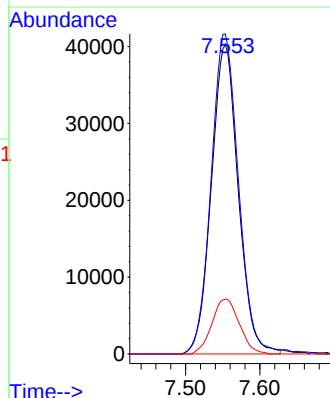
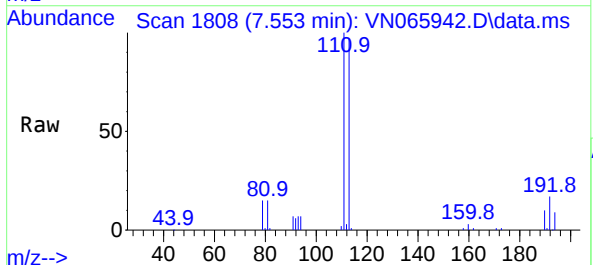
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	38.6
88	15.8	0.0	30.6

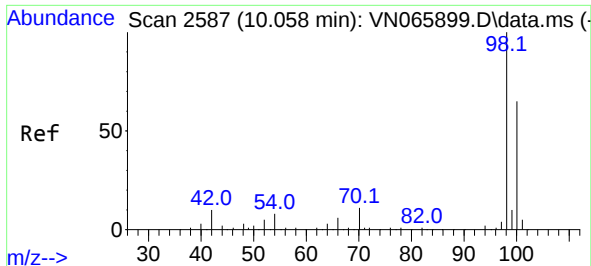


#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065942.D
Acq: 18 Feb 2021 15:49

Tgt Ion:113 Resp: 101295

Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.2	123.2
192	18.1	15.4	23.0

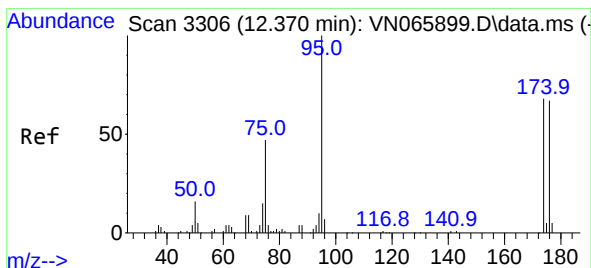
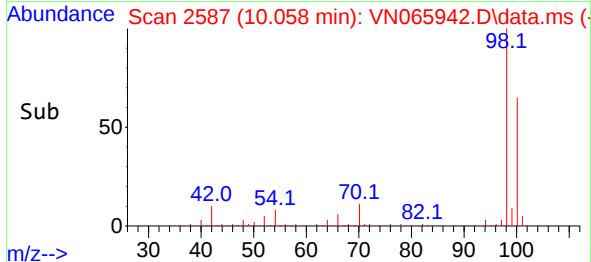
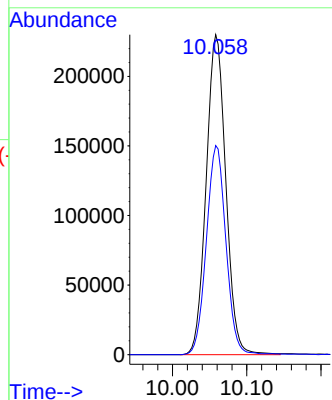
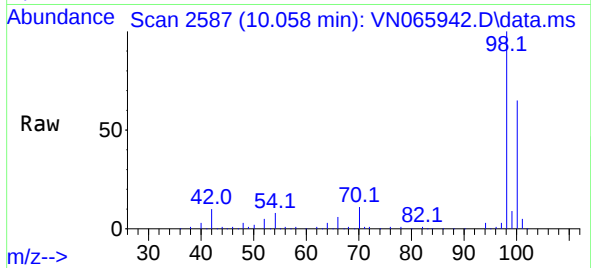




#50
Toluene-d8
Concen: 48.51 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065942.D
Acq: 18 Feb 2021 15:49

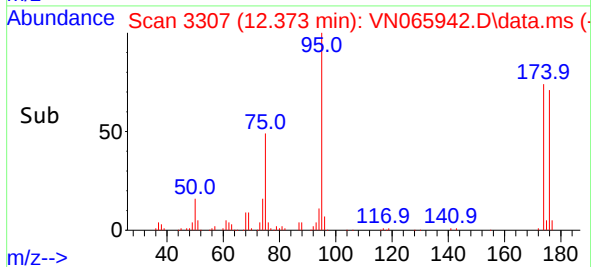
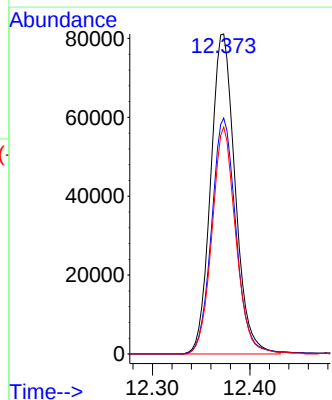
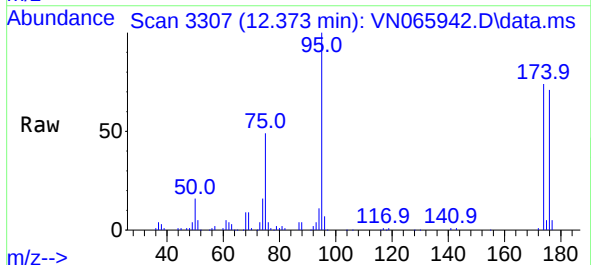
Instrument :
MSVOA_N
ClientSampleId :
TB-02-021621

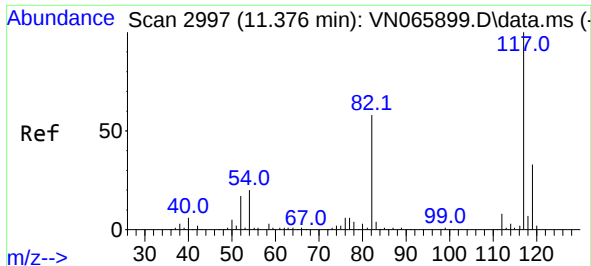
Tgt Ion: 98 Resp: 421883
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.25 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065942.D
Acq: 18 Feb 2021 15:49

Tgt Ion: 95 Resp: 141205
Ion Ratio Lower Upper
95 100
174 74.0 0.0 169.0
176 69.3 0.0 162.4

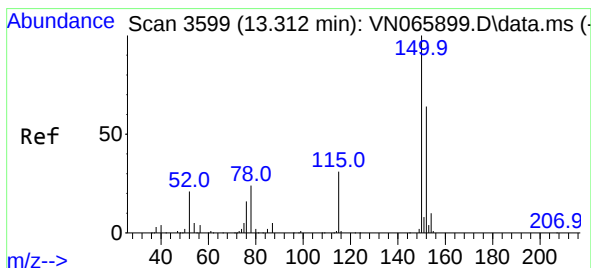
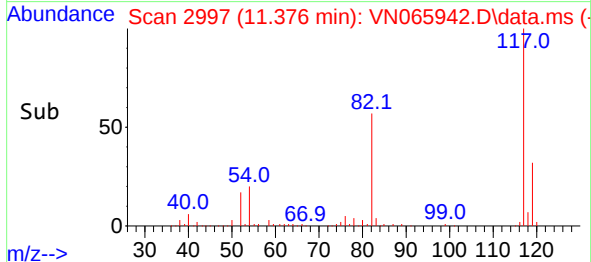
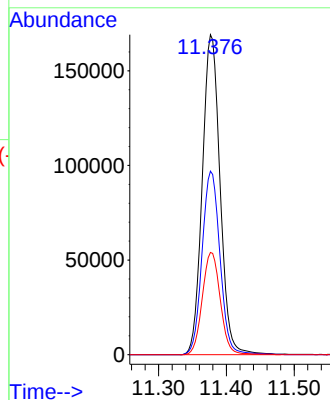
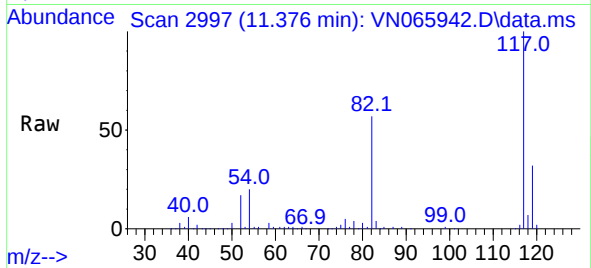




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065942.D
Acq: 18 Feb 2021 15:49

Instrument :
MSVOA_N
ClientSampleId :
TB-02-021621

Tgt Ion:117 Resp: 308433
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065942.D
Acq: 18 Feb 2021 15:49

Tgt Ion:152 Resp: 120709
Ion Ratio Lower Upper
152 100
115 62.1 28.5 85.6
150 157.5 0.0 347.6

