

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065821.D
 Acq On : 11 Feb 2021 18:08
 Operator : JC/MD
 Sample : M1388-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Feb 12 01:30:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	208859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	357515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	306990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	104395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	119564	43.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.02%
35) Dibromofluoromethane	7.547	113	100874	47.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.22%
50) Toluene-d8	10.055	98	442265	53.11	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.22%
62) 4-Bromofluorobenzene	12.370	95	138977	46.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.68%

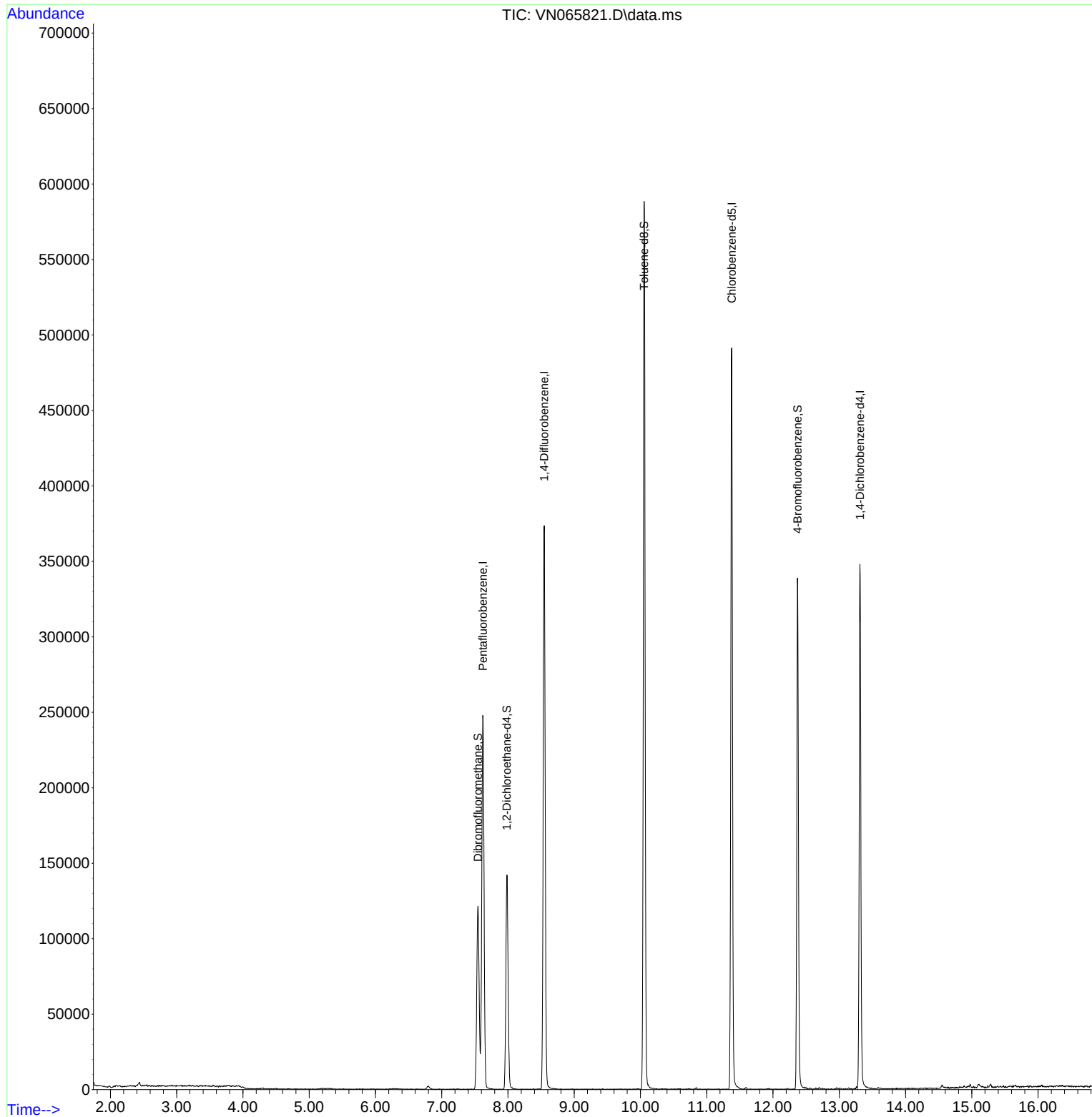
Target Compounds	Qvalue

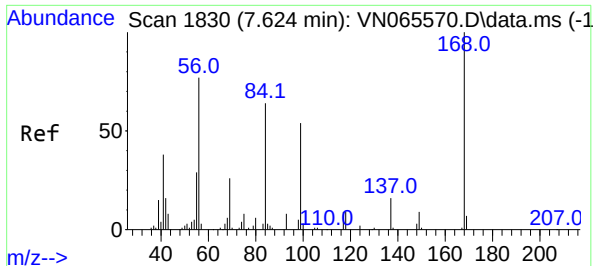
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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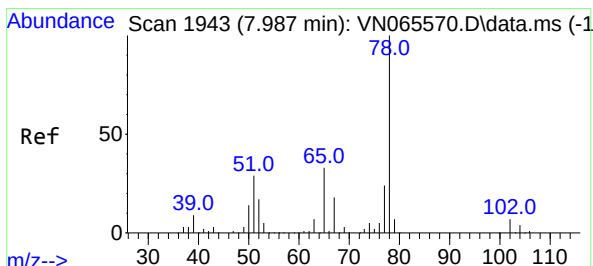
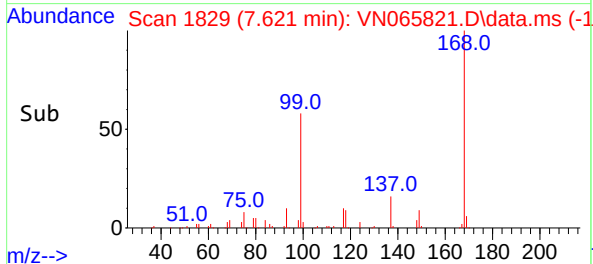
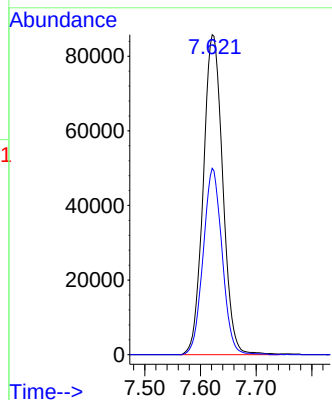
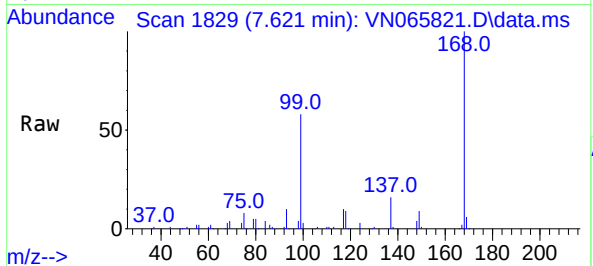




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065821.D
Acq: 11 Feb 2021 18:08

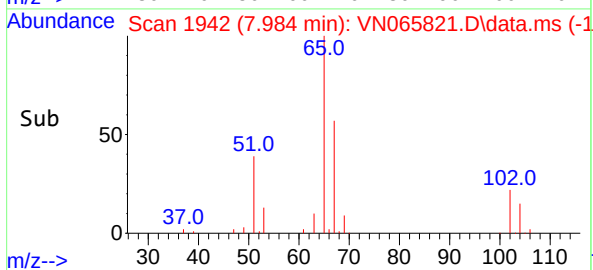
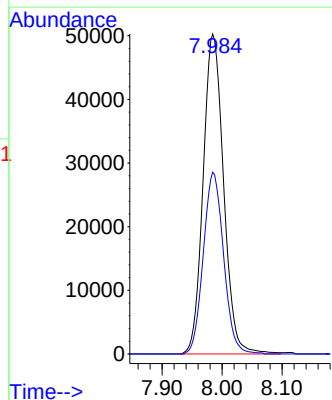
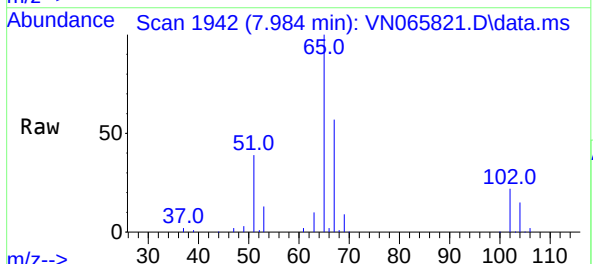
Instrument :
MSVOA_N
ClientSampled :
TB

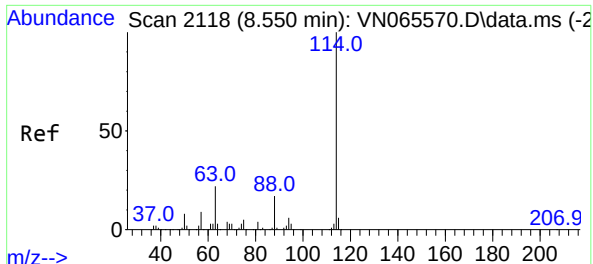
Tgt Ion:168 Resp: 208859
Ion Ratio Lower Upper
168 100
99 58.2 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 43.51 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065821.D
Acq: 11 Feb 2021 18:08

Tgt Ion: 65 Resp: 119564
Ion Ratio Lower Upper
65 100
67 56.2 0.0 107.2



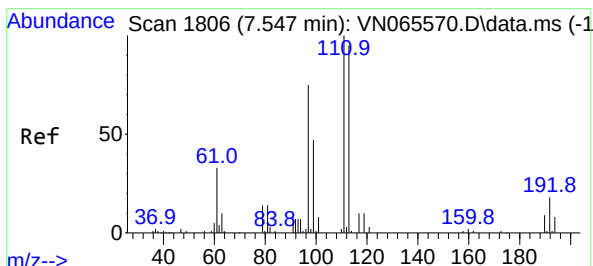
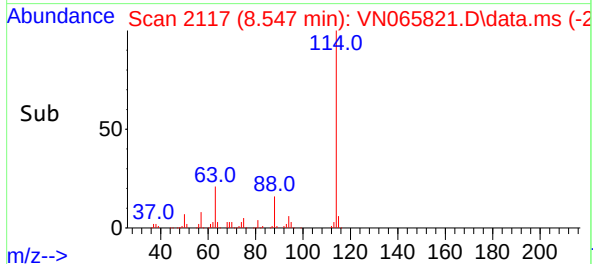
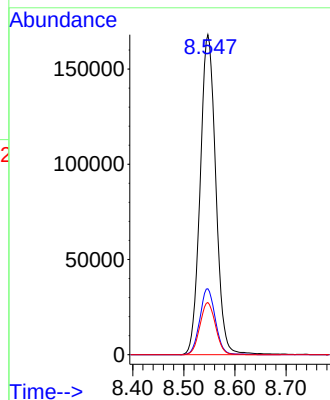
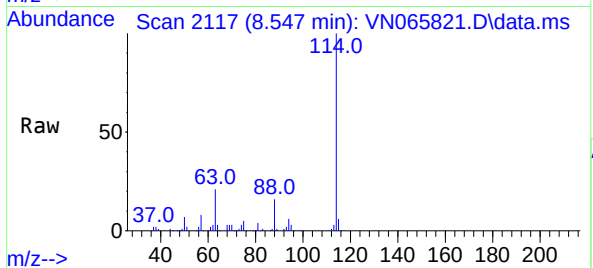


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065821.D
Acq: 11 Feb 2021 18:08

Instrument :
MSVOA_N
ClientSampled :
TB

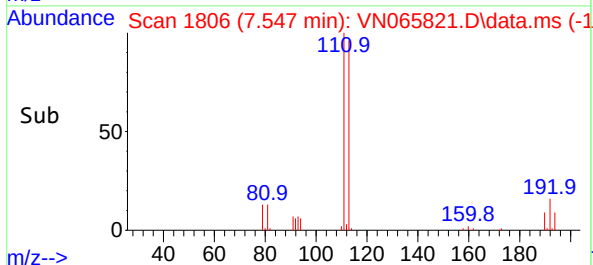
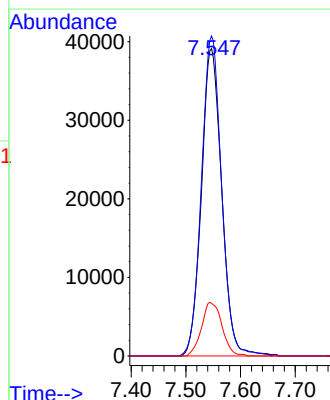
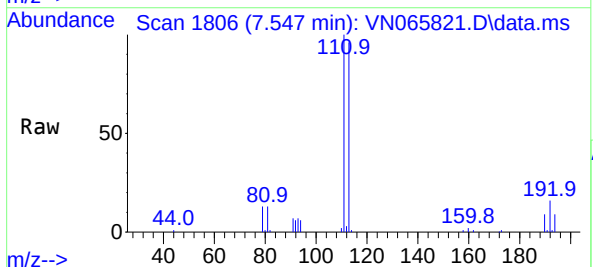
Tgt Ion:114 Resp: 357515
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.6
88 16.3 0.0 30.6

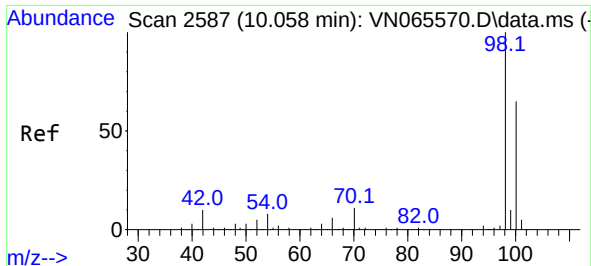


#35

Dibromofluoromethane
Concen: 47.61 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065821.D
Acq: 11 Feb 2021 18:08

Tgt Ion:113 Resp: 100874
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 17.6 15.4 23.0

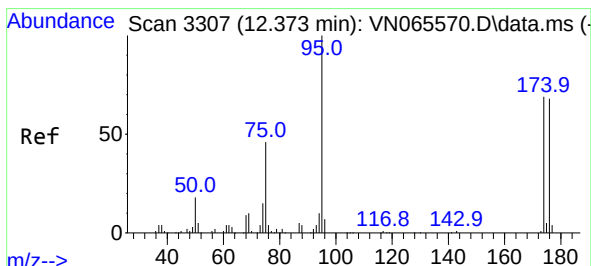
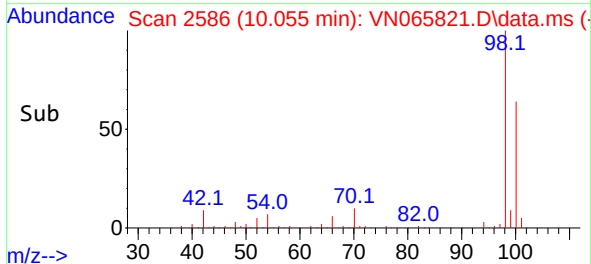
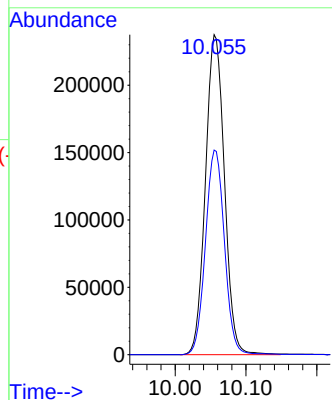
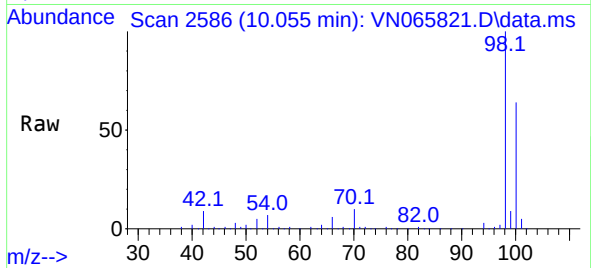




#50
Toluene-d8
Concen: 53.11 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065821.D
Acq: 11 Feb 2021 18:08

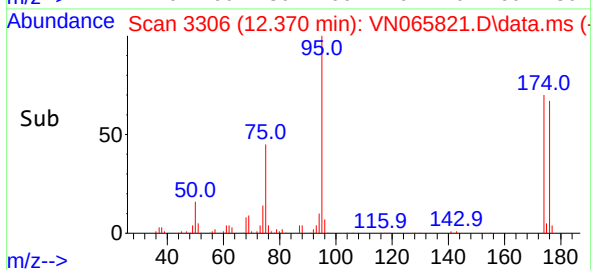
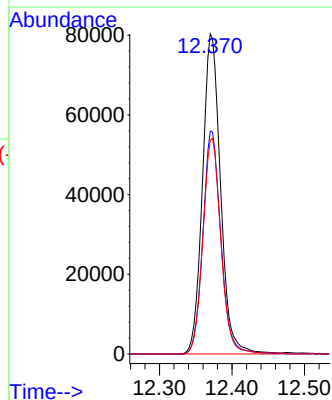
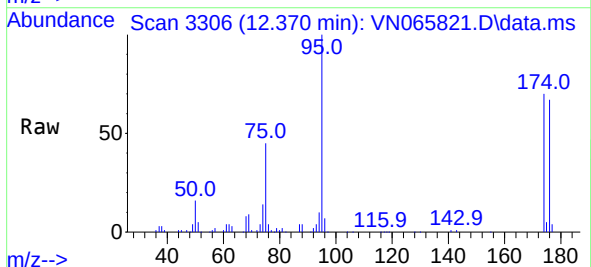
Instrument :
MSVOA_N
ClientSampled :
TB

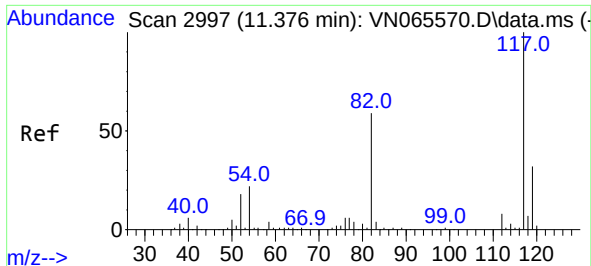
Tgt Ion: 98 Resp: 442265
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.34 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065821.D
Acq: 11 Feb 2021 18:08

Tgt Ion: 95 Resp: 138977
Ion Ratio Lower Upper
95 100
174 69.2 0.0 169.0
176 66.9 0.0 162.4

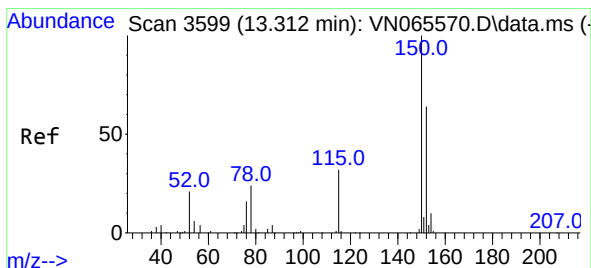
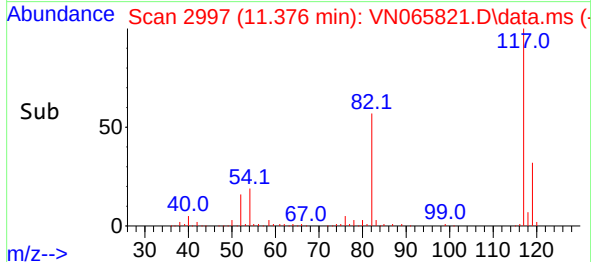
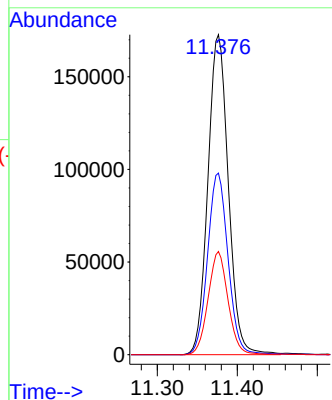
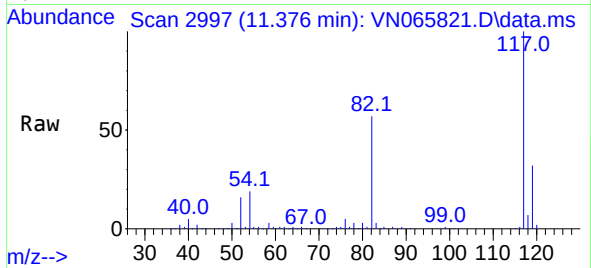




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065821.D
Acq: 11 Feb 2021 18:08

Instrument :
MSVOA_N
ClientSampled :
TB

Tgt Ion:117 Resp: 306990
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 32.3 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: VN065821.D
Acq: 11 Feb 2021 18:08

Tgt Ion:152 Resp: 104395
Ion Ratio Lower Upper
152 100
115 60.1 28.5 85.6
150 156.4 0.0 347.6

