

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068998.D
 Acq On : 18 Oct 2021 23:58
 Operator : JC/MD
 Sample : BLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BLK

Quant Time: Oct 19 09:58:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	323059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	559525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	497253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	188028	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	209589	49.206	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.420%
35) Dibromofluoromethane	8.024	113	166017	50.998	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.000%
50) Toluene-d8	10.443	98	683730	52.493	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.733	95	230167	46.836	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.680%

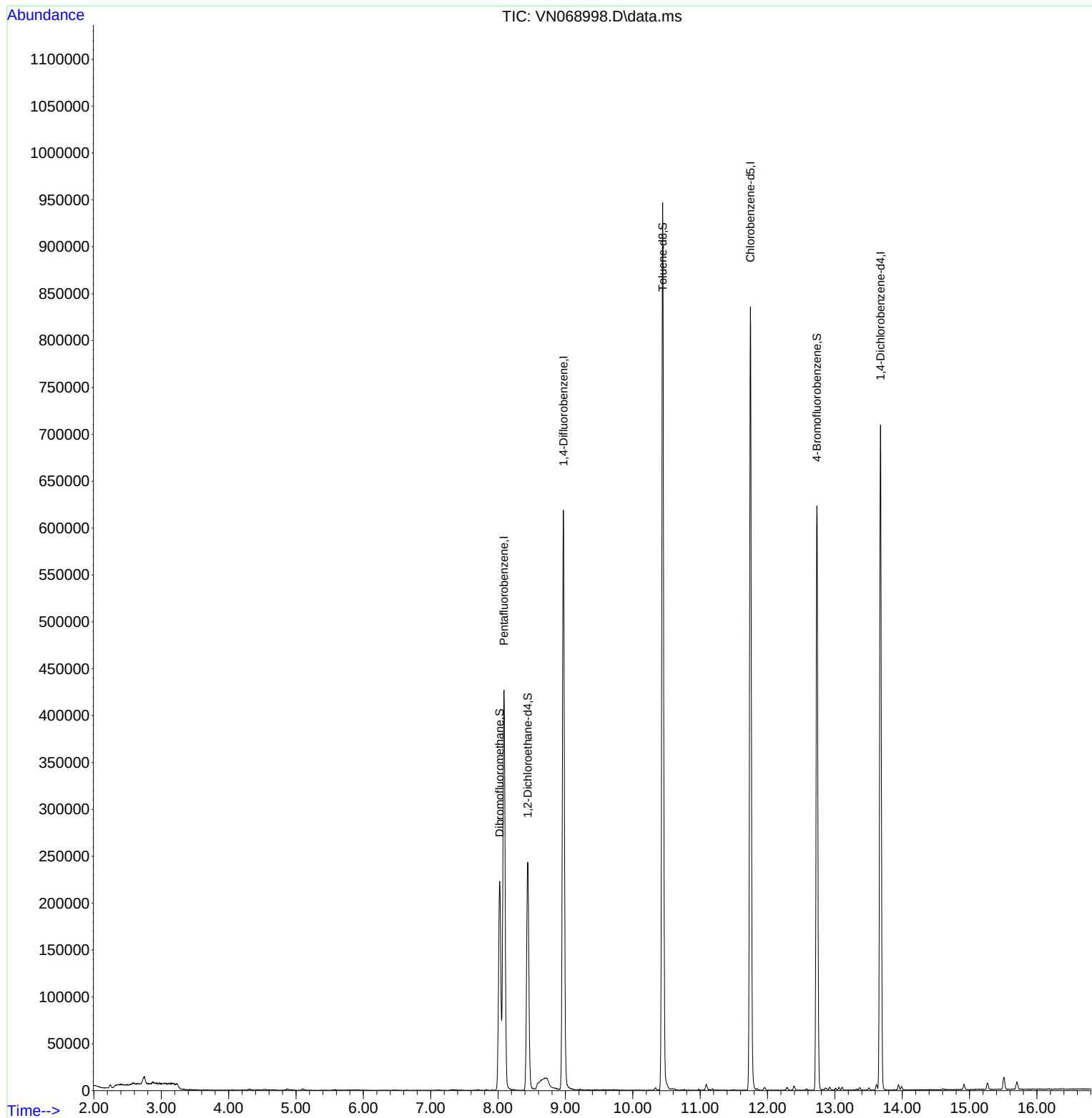
Target Compounds	Qvalue

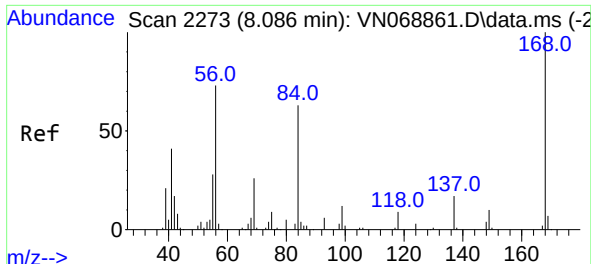
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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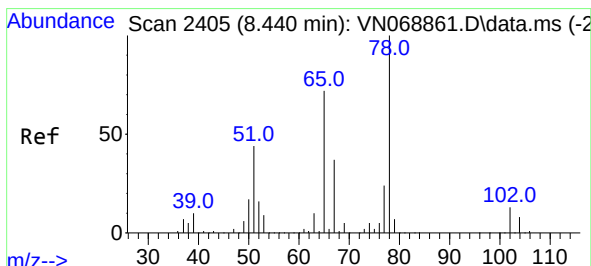
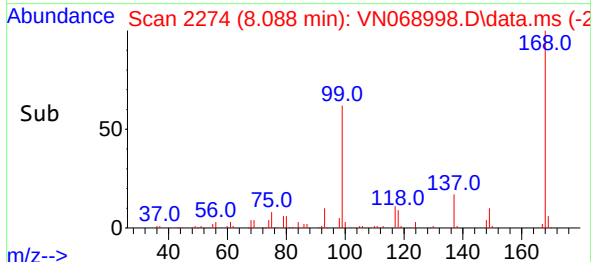
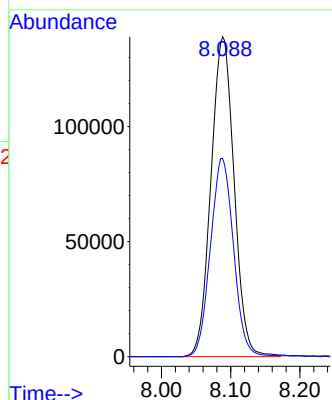
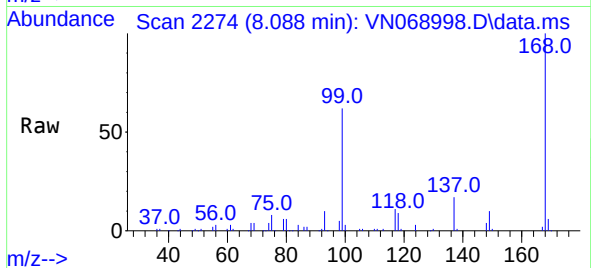




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068998.D
Acq: 18 Oct 2021 23:58

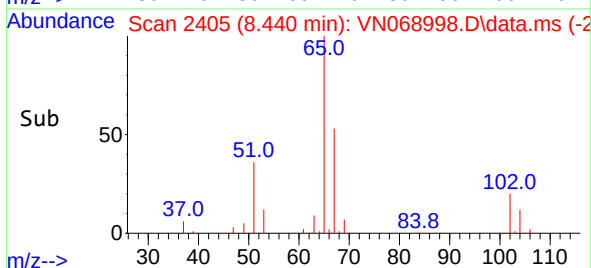
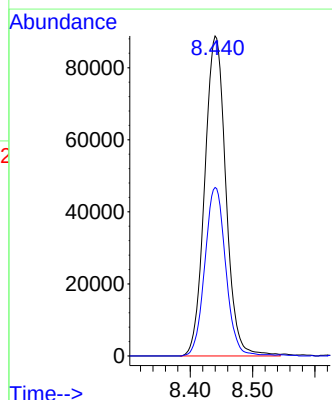
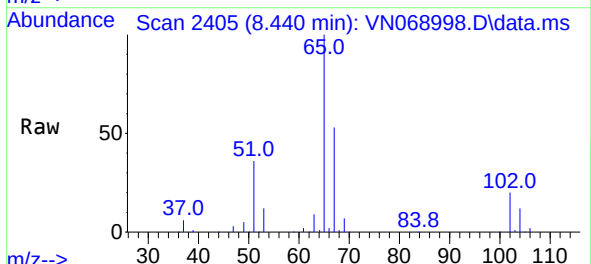
Instrument :
MSVOA_N
ClientSampled :
BLK

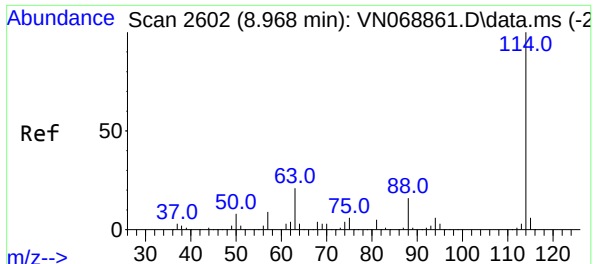
Tgt Ion:168 Resp: 323059
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 49.206 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068998.D
Acq: 18 Oct 2021 23:58

Tgt Ion: 65 Resp: 209589
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.8

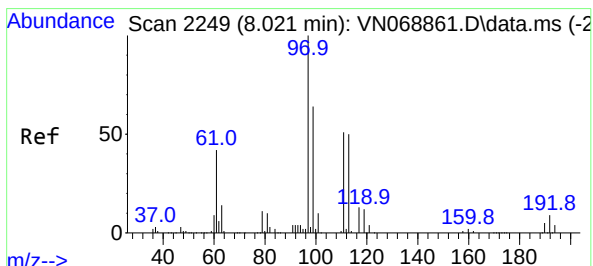
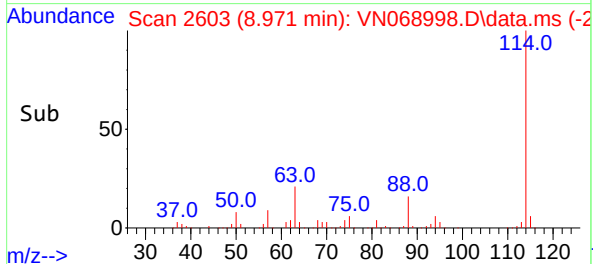
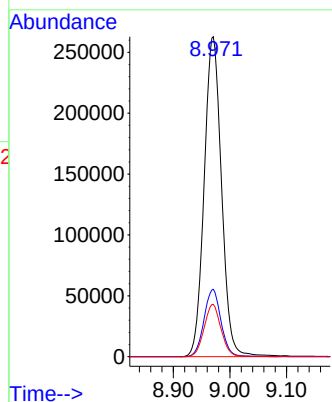
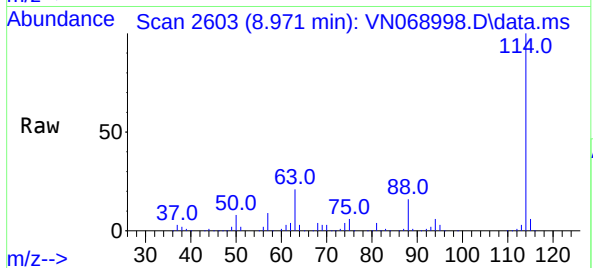




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068998.D
Acq: 18 Oct 2021 23:58

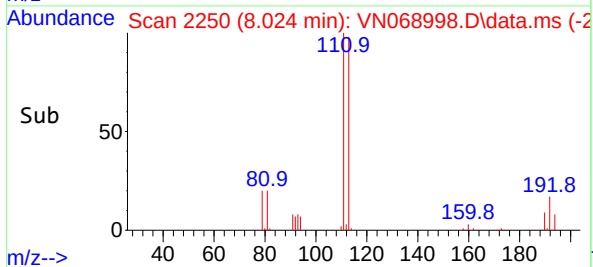
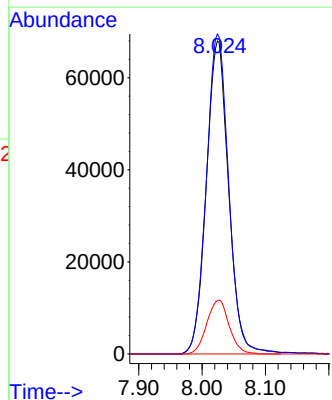
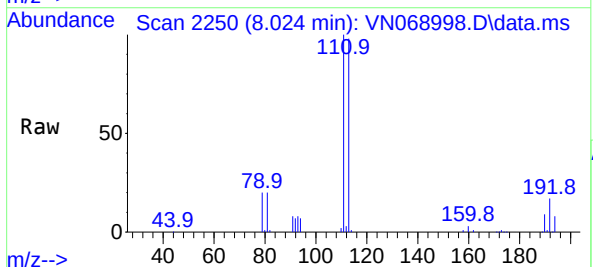
Instrument :
MSVOA_N
ClientSampled :
BLK

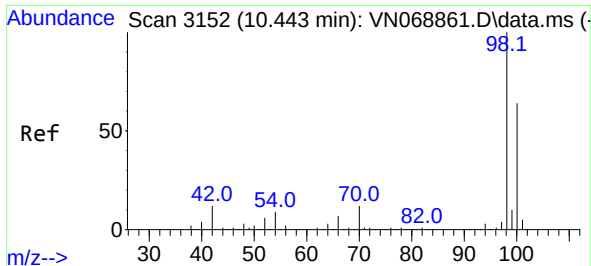
Tgt Ion:114 Resp: 559525
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.998 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068998.D
Acq: 18 Oct 2021 23:58

Tgt Ion:113 Resp: 166017
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 17.2 15.0 22.4

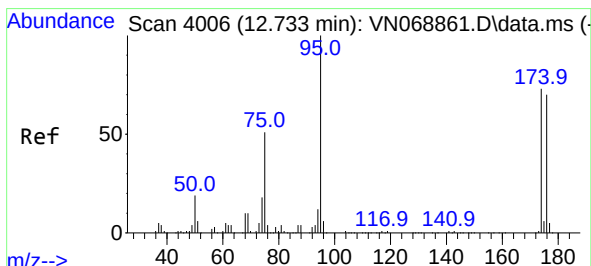
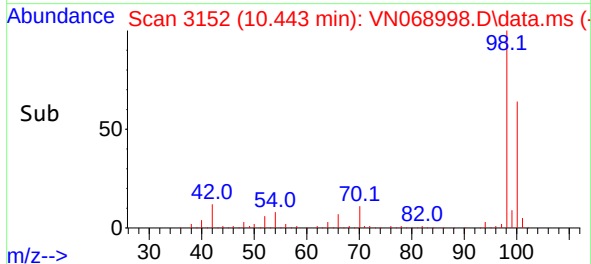
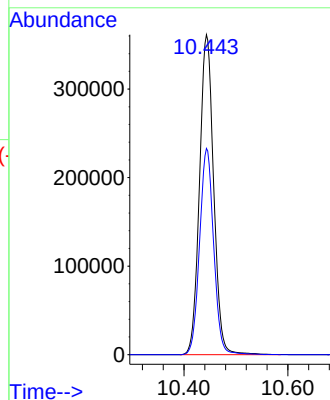
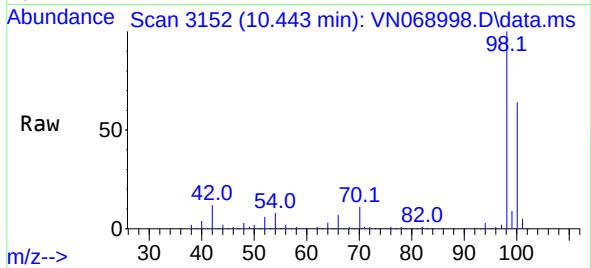




#50
Toluene-d8
Concen: 52.493 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068998.D
Acq: 18 Oct 2021 23:58

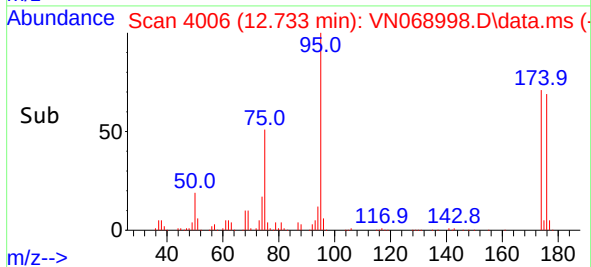
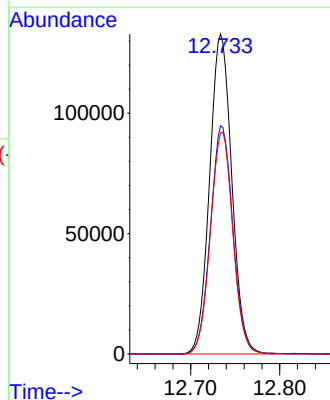
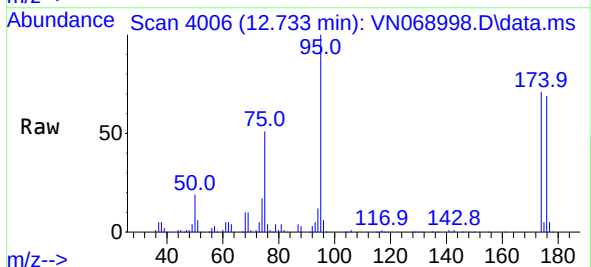
Instrument :
MSVOA_N
ClientSampled :
BLK

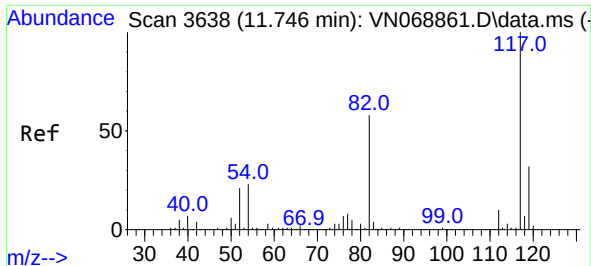
Tgt Ion: 98 Resp: 683730
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.836 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068998.D
Acq: 18 Oct 2021 23:58

Tgt Ion: 95 Resp: 230167
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.8
176 70.0 0.0 140.0

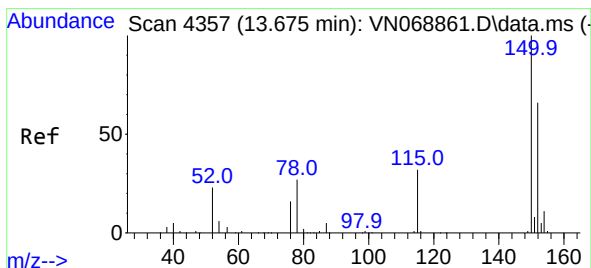
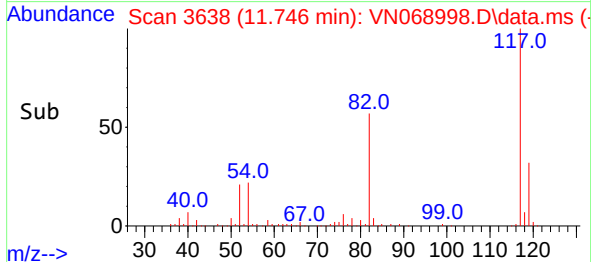
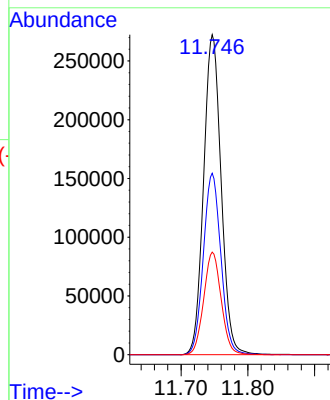
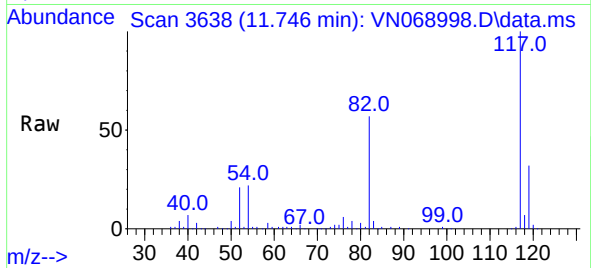




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068998.D
Acq: 18 Oct 2021 23:58

Instrument :
MSVOA_N
ClientSampled :
BLK

Tgt Ion:117 Resp: 497253
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068998.D
Acq: 18 Oct 2021 23:58

Tgt Ion:152 Resp: 188028
Ion Ratio Lower Upper
152 100
115 63.7 31.4 94.3
150 158.0 0.0 351.0

