

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068011.D
 Acq On : 5 Aug 2021 12:21
 Operator : JC/MD
 Sample : VN0805WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBL01

Quant Time: Aug 05 15:54:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	296360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	568352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	557033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	189962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	231943	55.284	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.560%
35) Dibromofluoromethane	8.024	113	176556	53.304	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.600%
50) Toluene-d8	10.443	98	727261	47.763	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.736	95	235454	42.869	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	85.740%

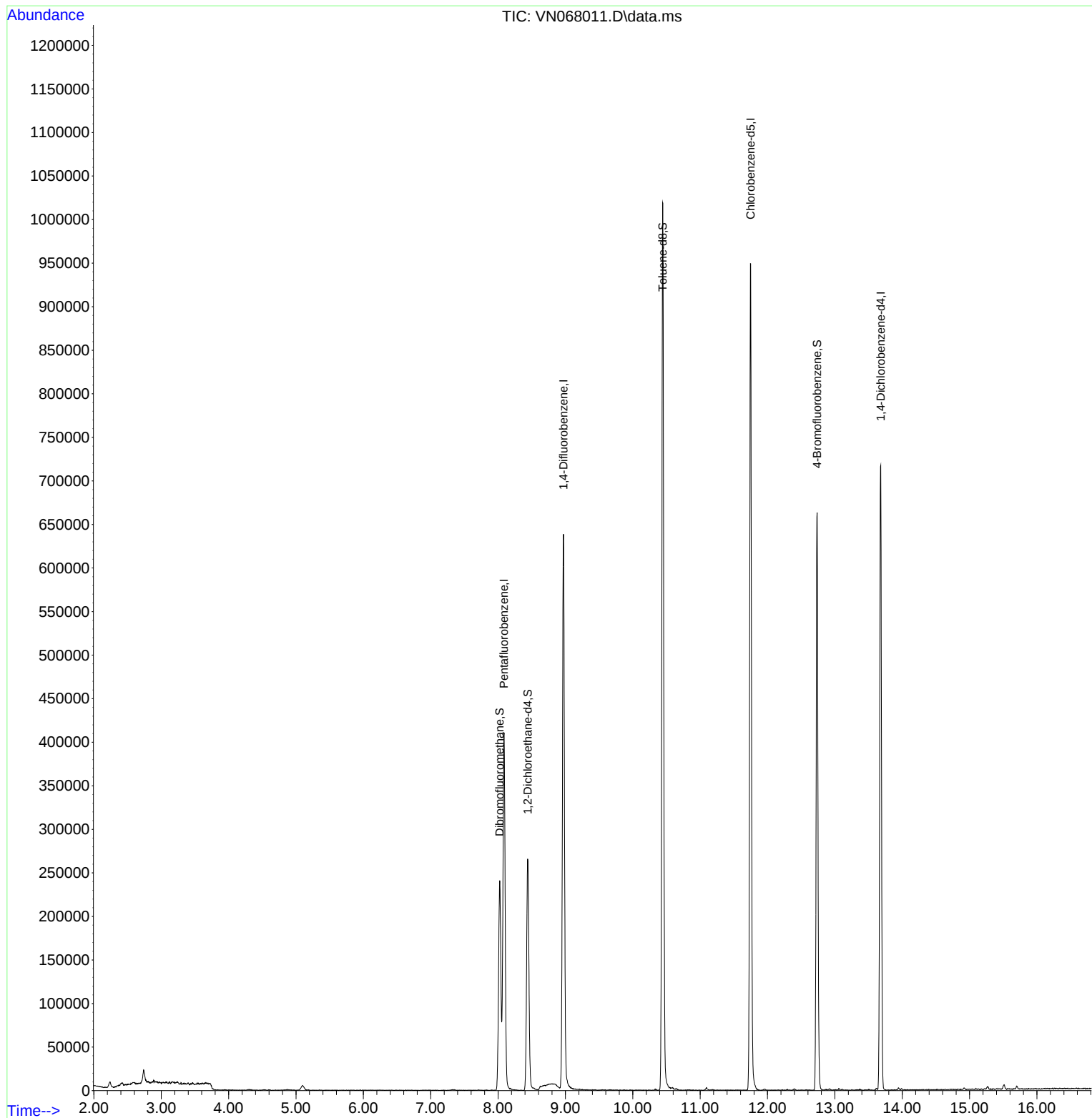
Target Compounds	Qvalue

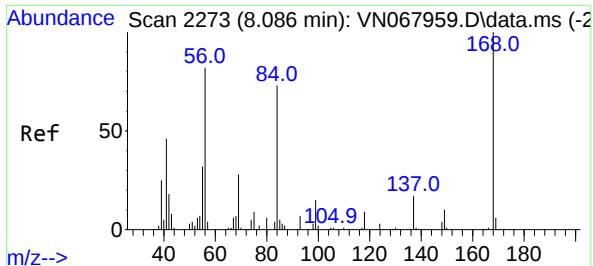
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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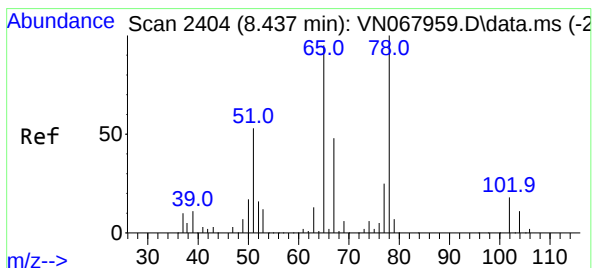
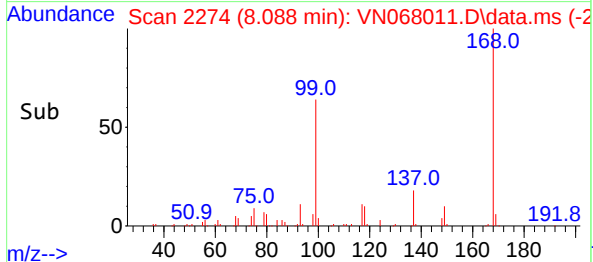
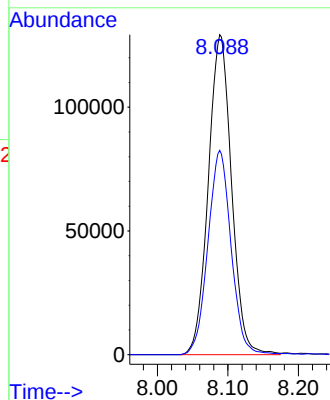
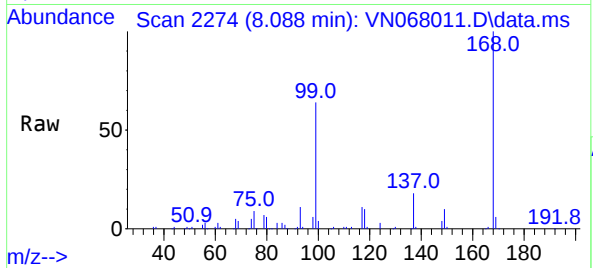




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068011.D
Acq: 5 Aug 2021 12:21

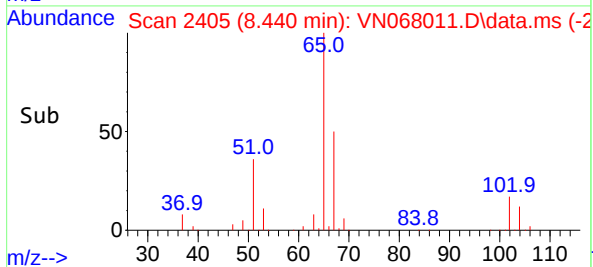
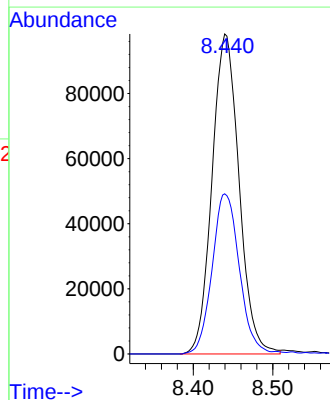
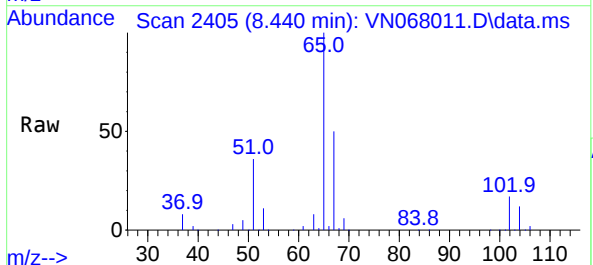
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

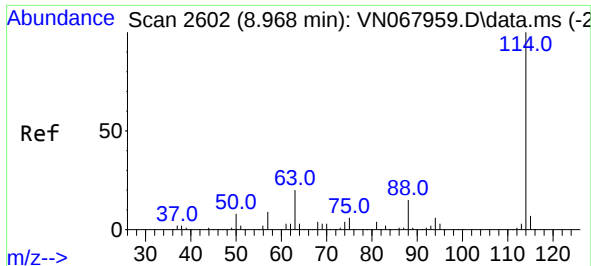
Tgt Ion:168 Resp: 296360
Ion Ratio Lower Upper
168 100
99 63.8 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 55.284 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 65 Resp: 231943
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6

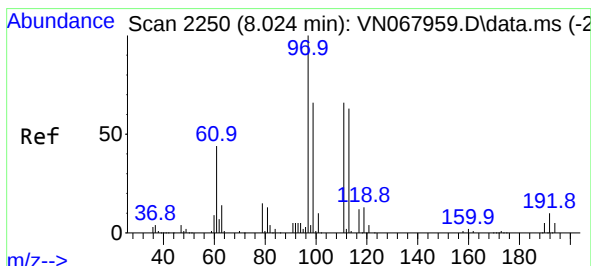
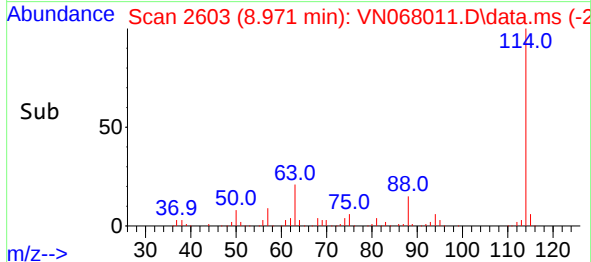
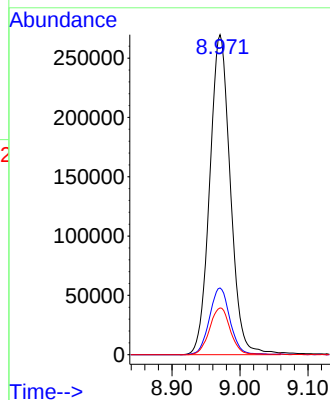
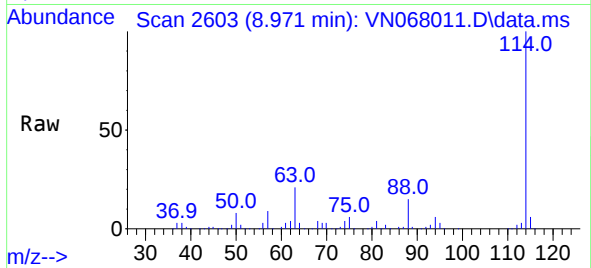




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068011.D
Acq: 5 Aug 2021 12:21

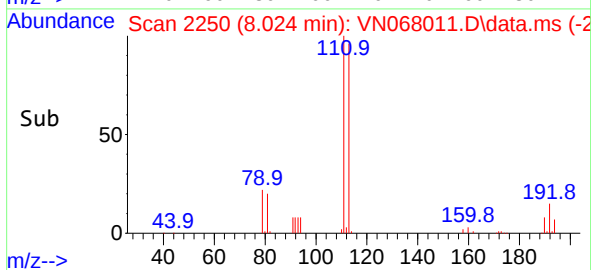
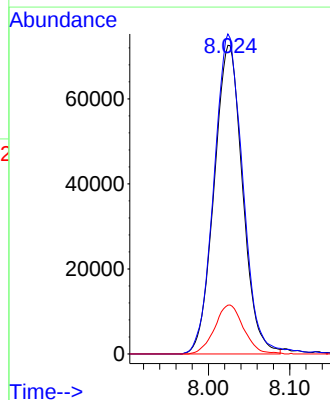
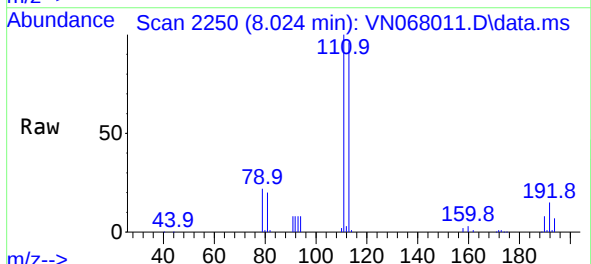
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

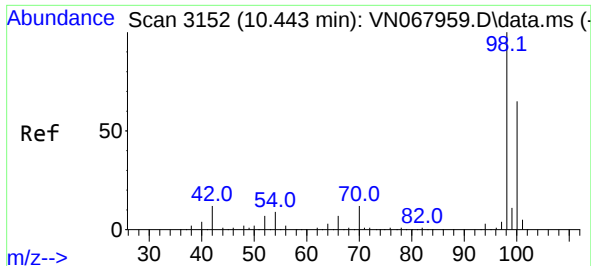
Tgt Ion:114 Resp: 568352
Ion Ratio Lower Upper
114 100
63 20.8 0.0 49.0
88 14.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.304 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068011.D
Acq: 5 Aug 2021 12:21

Tgt Ion:113 Resp: 176556
Ion Ratio Lower Upper
113 100
111 105.2 83.8 125.8
192 16.1 13.4 20.0

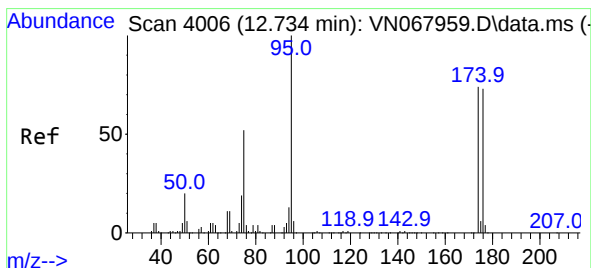
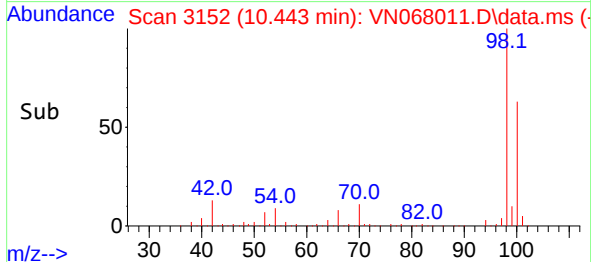
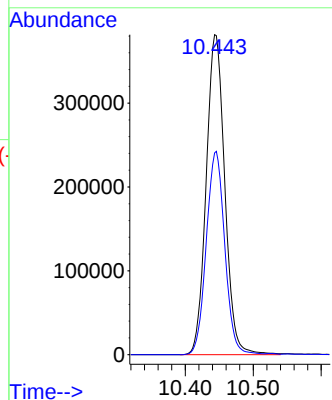
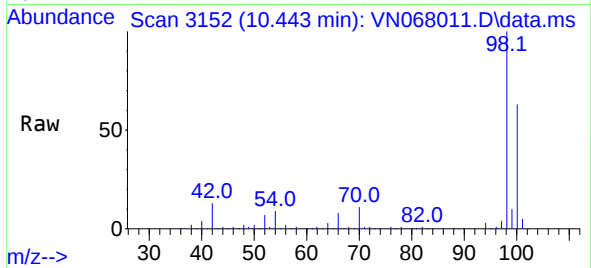




#50
Toluene-d8
Concen: 47.763 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068011.D
Acq: 5 Aug 2021 12:21

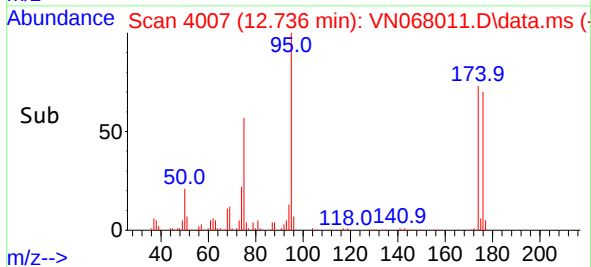
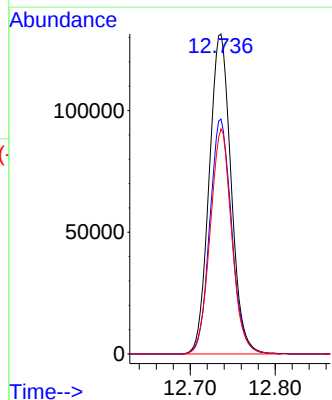
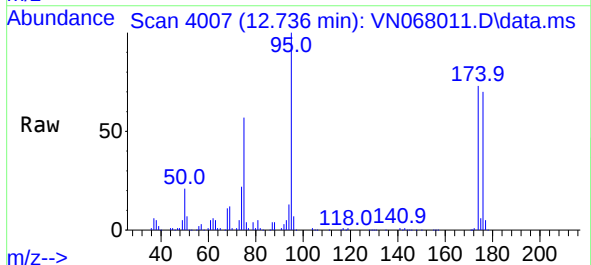
Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

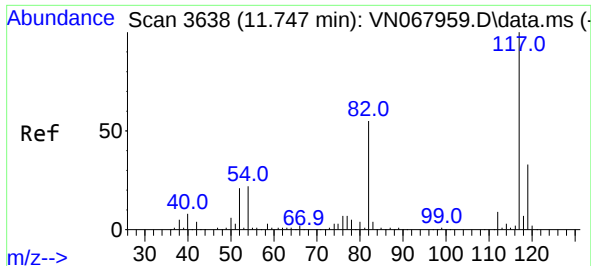
Tgt Ion: 98 Resp: 727261
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.869 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068011.D
Acq: 5 Aug 2021 12:21

Tgt Ion: 95 Resp: 235454
Ion Ratio Lower Upper
95 100
174 73.4 0.0 122.0
176 69.1 0.0 117.6

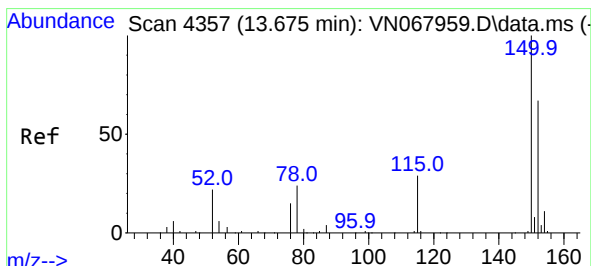
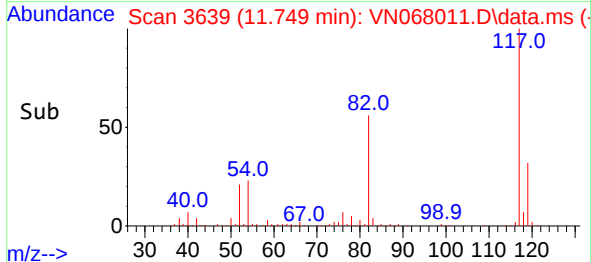
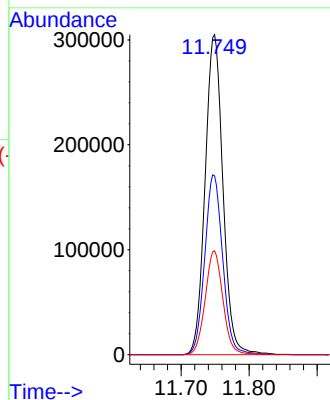
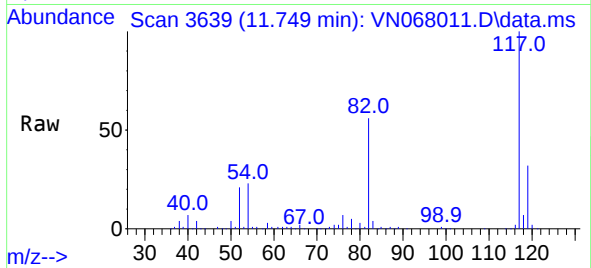




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068011.D
Acq: 5 Aug 2021 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0805WBL01

Tgt Ion:117 Resp: 557033
Ion Ratio Lower Upper
117 100
82 55.9 53.1 79.7
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN068011.D
Acq: 5 Aug 2021 12:21

Tgt Ion:152 Resp: 189962
Ion Ratio Lower Upper
152 100
115 65.1 36.1 108.5
150 160.1 0.0 351.8

