

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080321\
 Data File : VN067982.D
 Acq On : 3 Aug 2021 15:22
 Operator : JC/MD
 Sample : M3269-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Quant Time: Aug 04 03:39:14 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	298662	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	564996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	531234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	172792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	247784	58.604	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.200%	
35) Dibromofluoromethane	8.024	113	186187	56.545	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 113.100%	
50) Toluene-d8	10.443	98	760683	50.053	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.734	95	237321	43.397	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 86.800%	

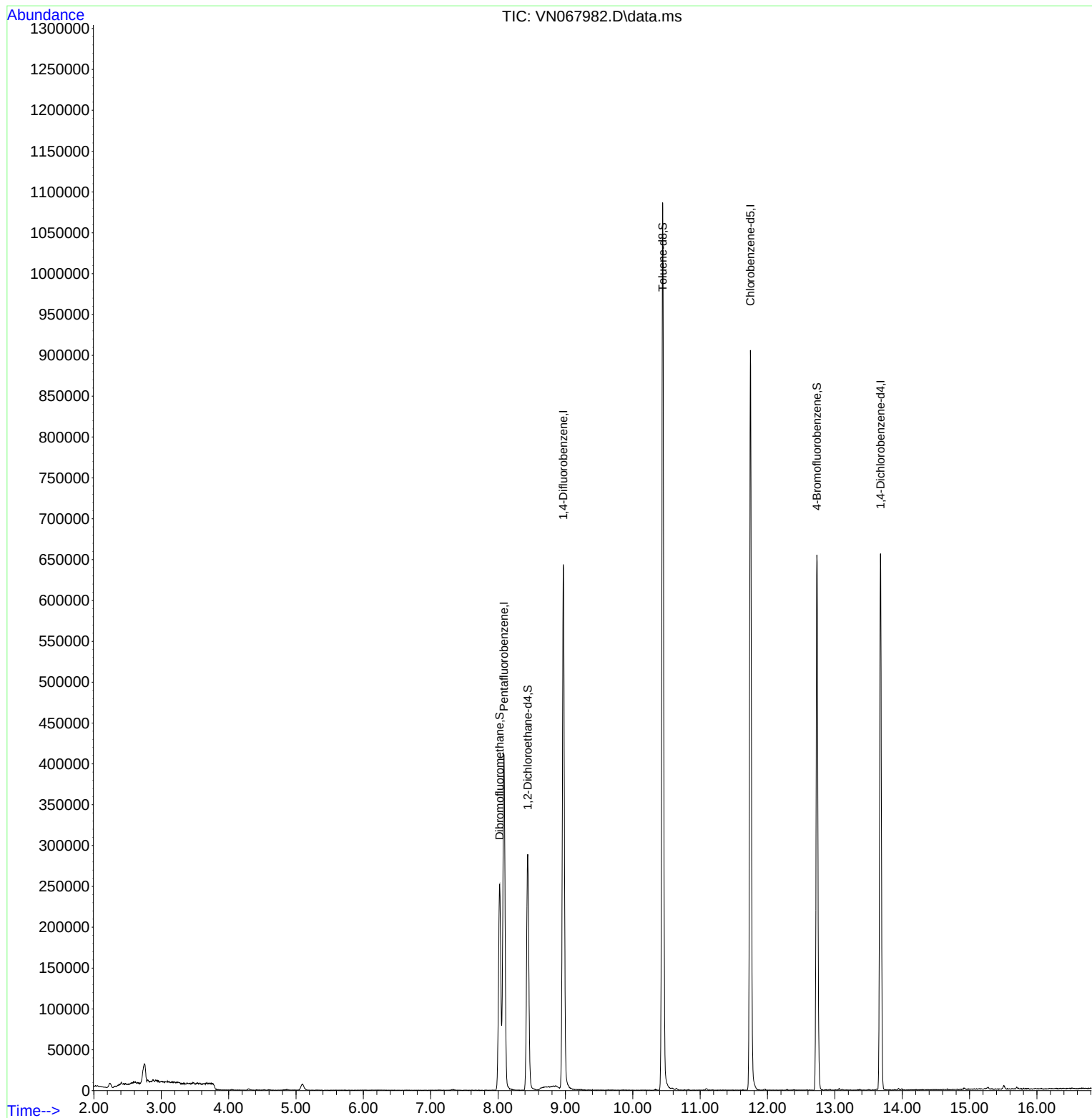
Target Compounds	Qvalue

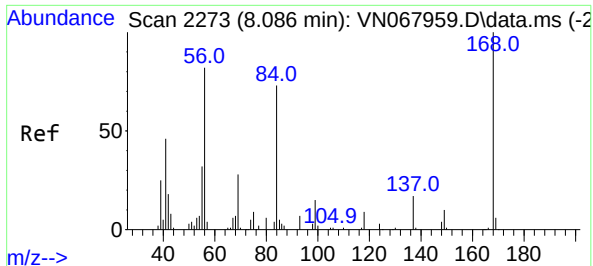
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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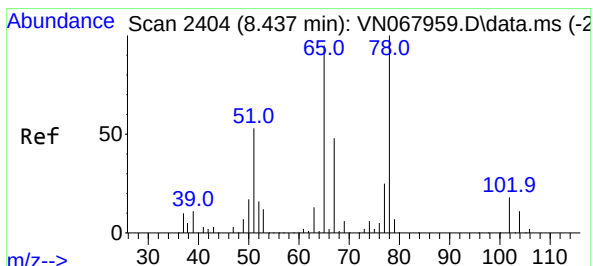
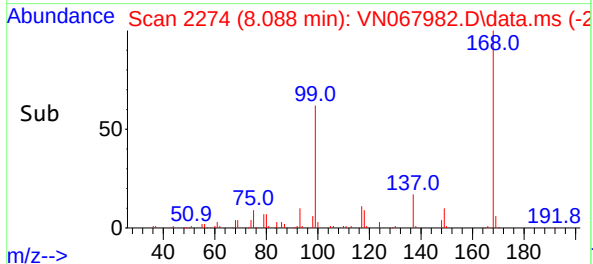
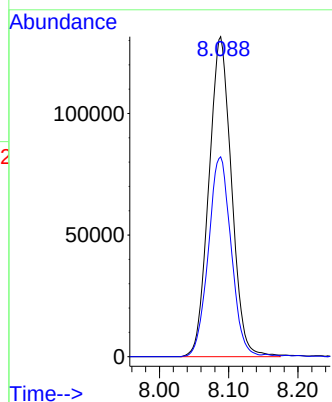
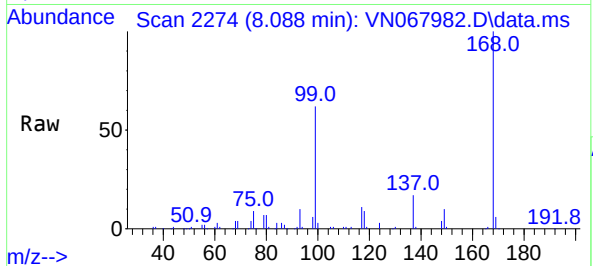




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067982.D
Acq: 3 Aug 2021 15:22

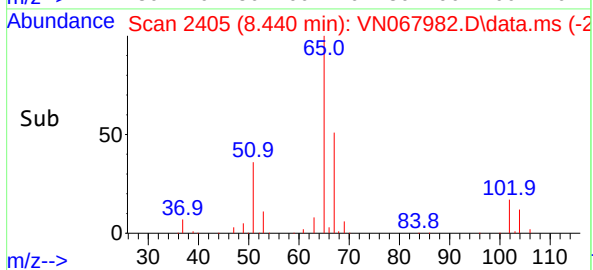
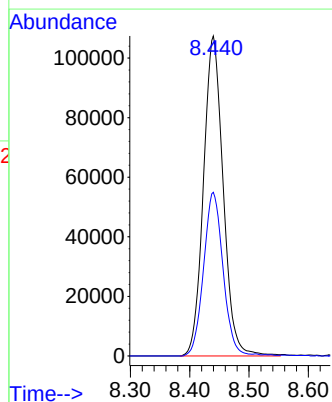
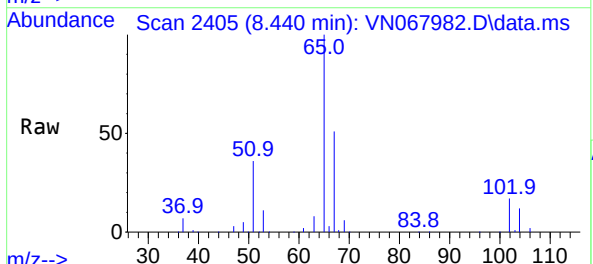
Instrument :
MSVOA_N
ClientSampled :
MW-5

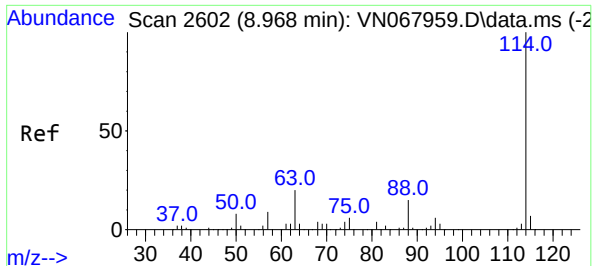
Tgt Ion:168 Resp: 298662
Ion Ratio Lower Upper
168 100
99 62.5 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 58.604 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067982.D
Acq: 3 Aug 2021 15:22

Tgt Ion: 65 Resp: 247784
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.6

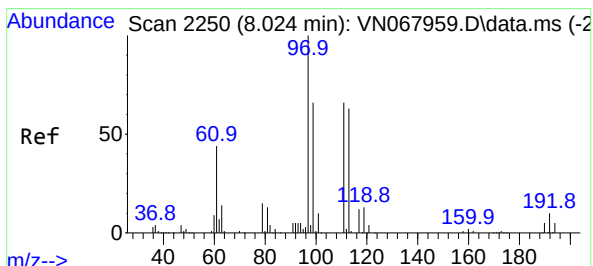
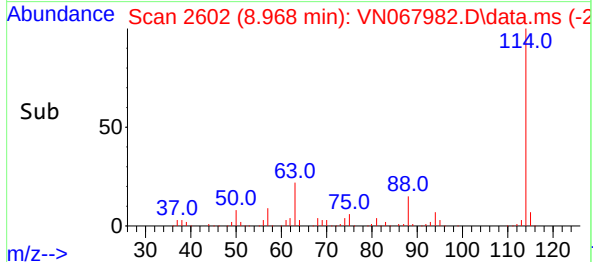
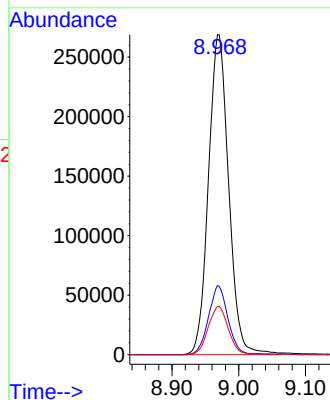
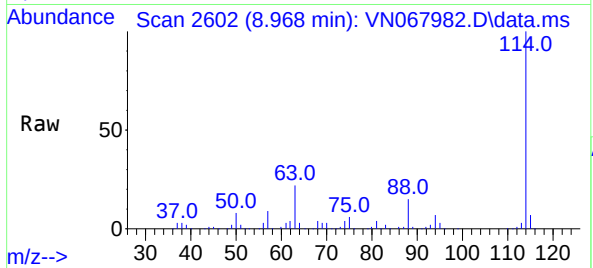




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN067982.D
Acq: 3 Aug 2021 15:22

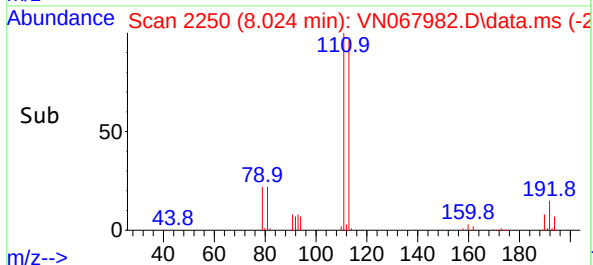
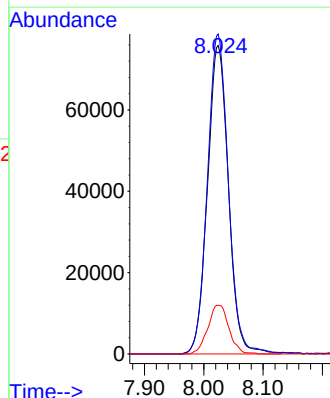
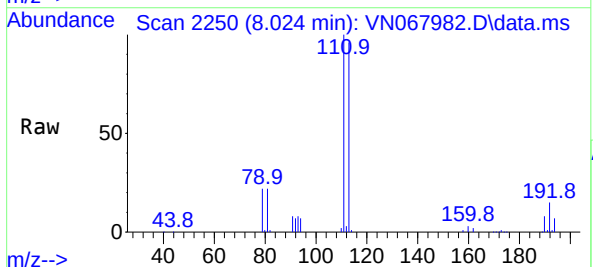
Instrument :
MSVOA_N
ClientSampled :
MW-5

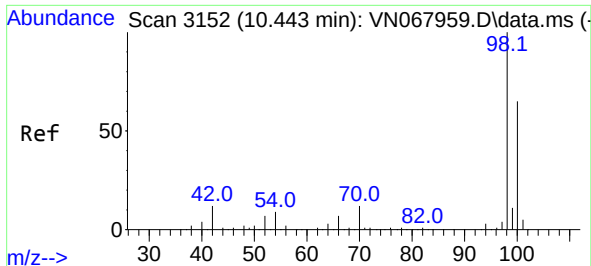
Tgt Ion:114 Resp: 564996
Ion Ratio Lower Upper
114 100
63 21.6 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 56.545 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067982.D
Acq: 3 Aug 2021 15:22

Tgt Ion:113 Resp: 186187
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 15.9 13.4 20.0

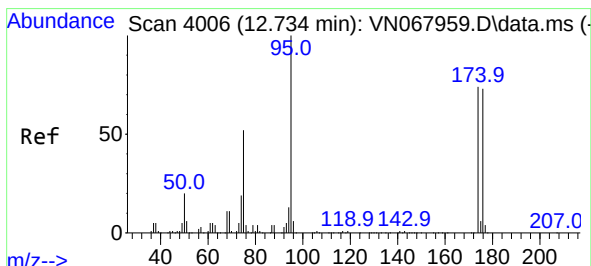
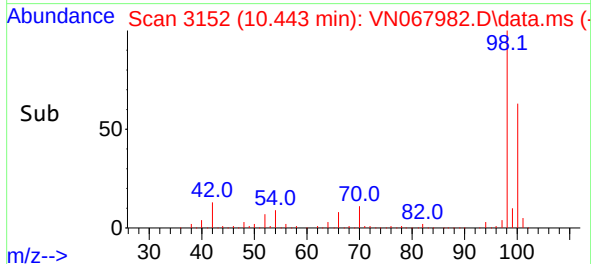
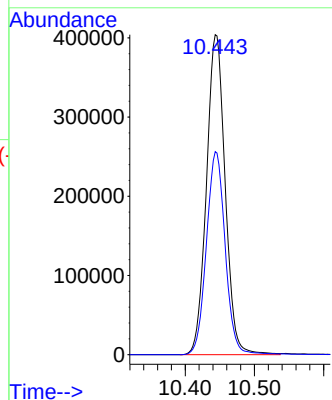
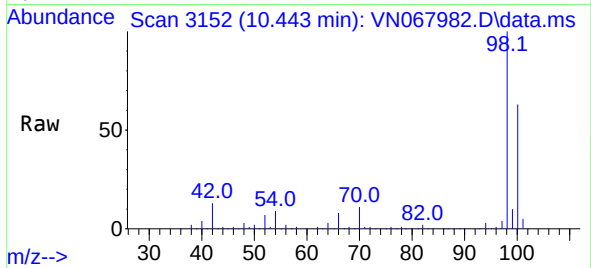




#50
Toluene-d8
Concen: 50.053 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067982.D
Acq: 3 Aug 2021 15:22

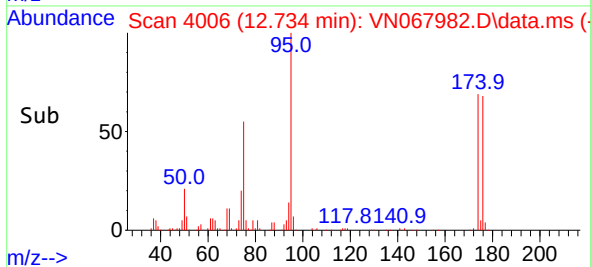
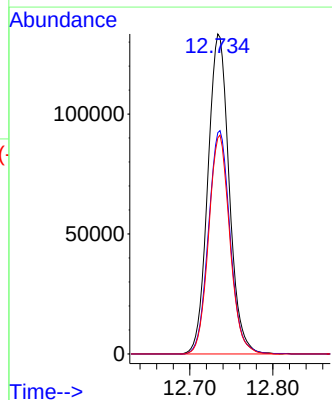
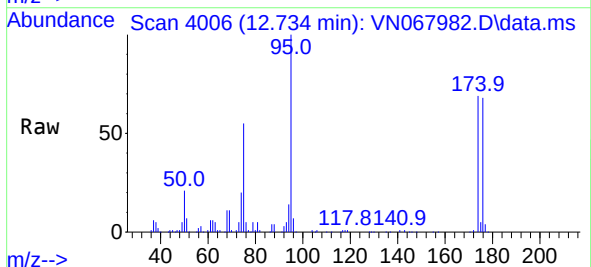
Instrument :
MSVOA_N
ClientSampled :
MW-5

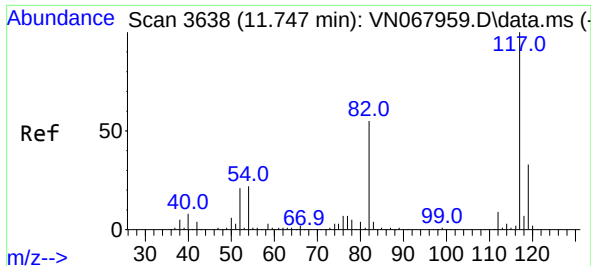
Tgt Ion: 98 Resp: 760683
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.397 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067982.D
Acq: 3 Aug 2021 15:22

Tgt Ion: 95 Resp: 237321
Ion Ratio Lower Upper
95 100
174 70.8 0.0 122.0
176 67.8 0.0 117.6

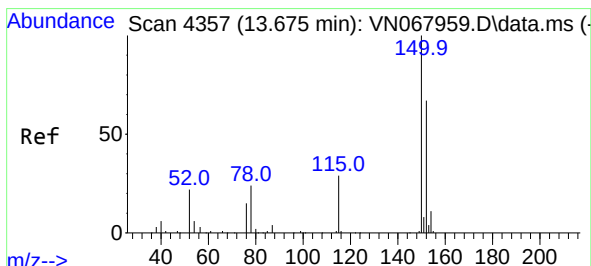
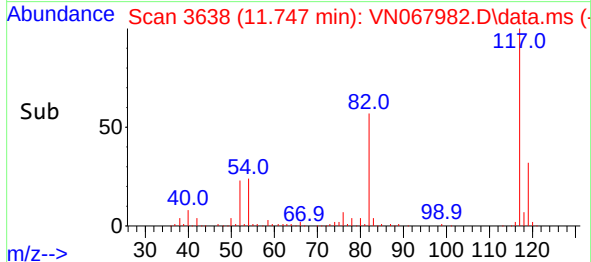
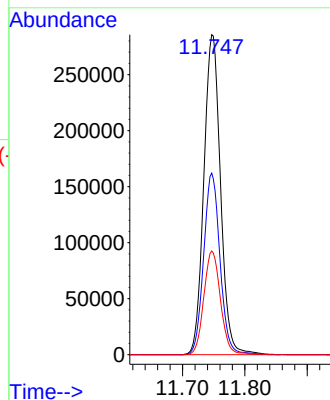
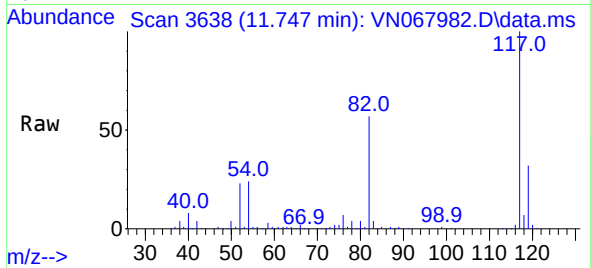




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067982.D
Acq: 3 Aug 2021 15:22

Instrument :
MSVOA_N
ClientSampleId :
MW-5

Tgt Ion:117 Resp: 531234
Ion Ratio Lower Upper
117 100
82 56.8 53.1 79.7
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067982.D
Acq: 3 Aug 2021 15:22

Tgt Ion:152 Resp: 172792
Ion Ratio Lower Upper
152 100
115 63.1 36.1 108.5
150 160.6 0.0 351.8

