

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081121\
 Data File : VN068079.D
 Acq On : 11 Aug 2021 18:41
 Operator : JC/MD
 Sample : M3360-05 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31109

Quant Time: Aug 12 07:13:34 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	8.086	168	291547	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	572176	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	567834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	191882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	233195	56.500	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.000%	
35) Dibromofluoromethane	8.021	113	175214	52.545	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.080%	
50) Toluene-d8	10.443	98	739353	48.195	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.380%	
62) 4-Bromofluorobenzene	12.733	95	239768	43.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 86.620%	

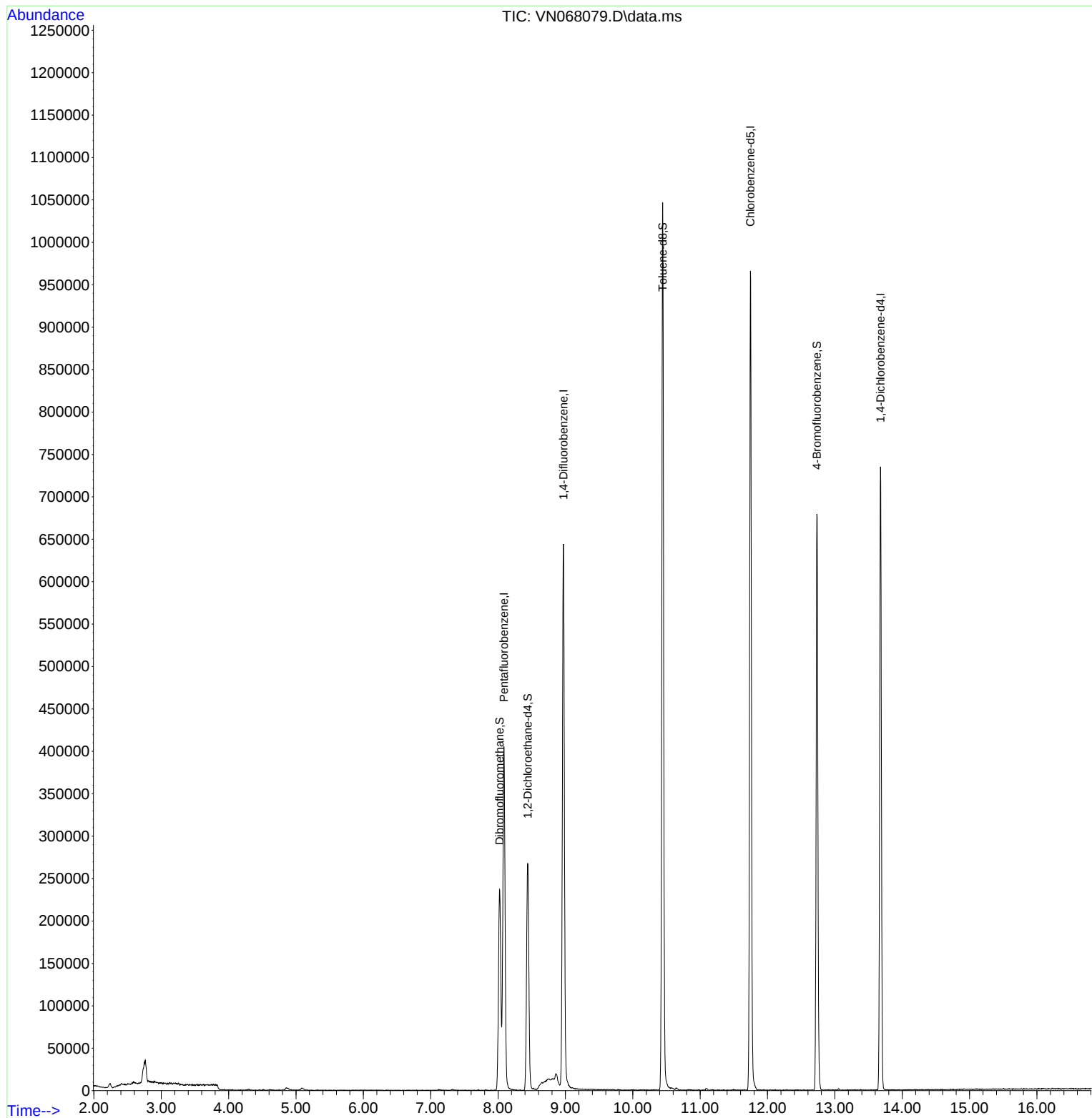
Target Compounds	Qvalue

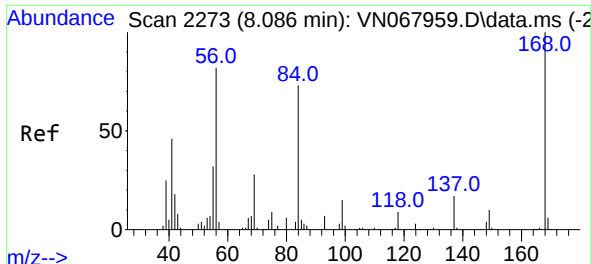
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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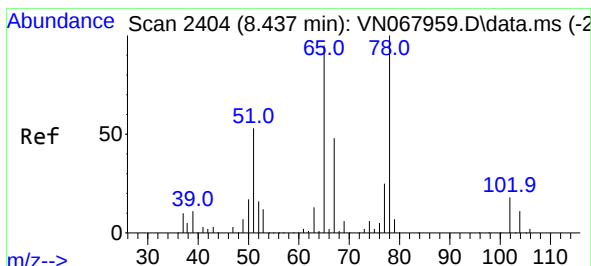
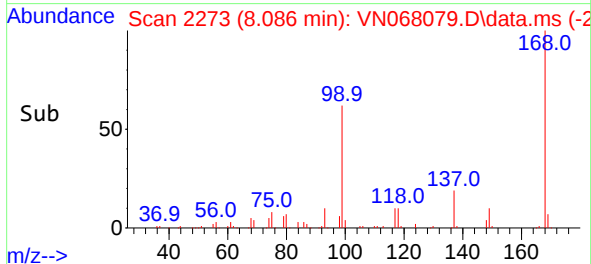
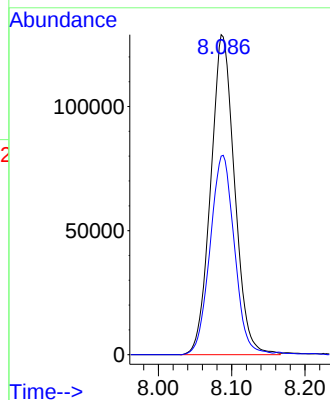
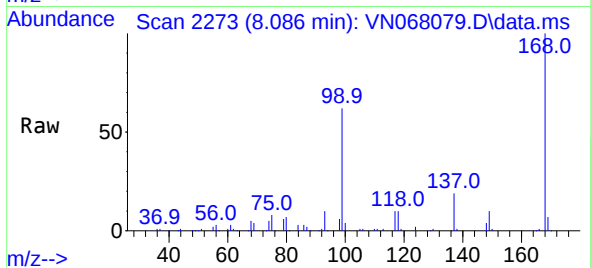




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

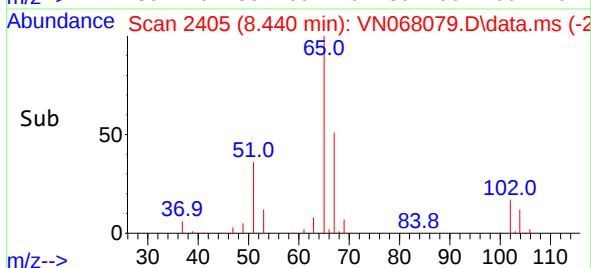
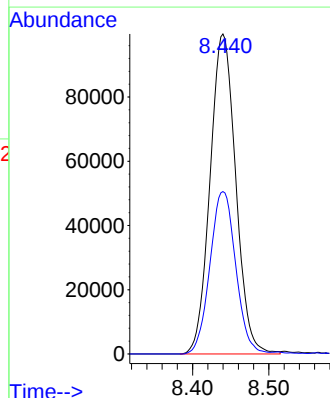
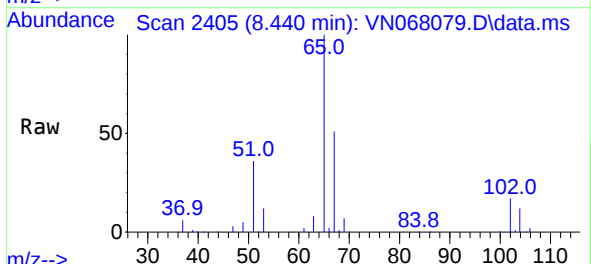
Instrument :
MSVOA_N
ClientSampled :
31109

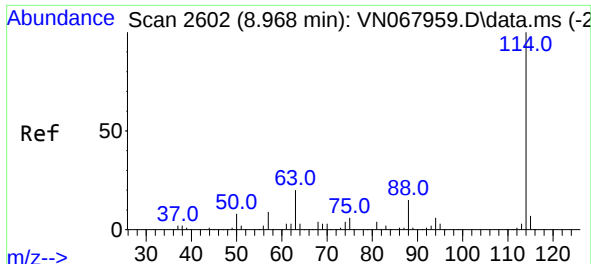
Tgt Ion:168 Resp: 291547
Ion Ratio Lower Upper
168 100
99 62.0 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 56.500 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion: 65 Resp: 233195
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.6

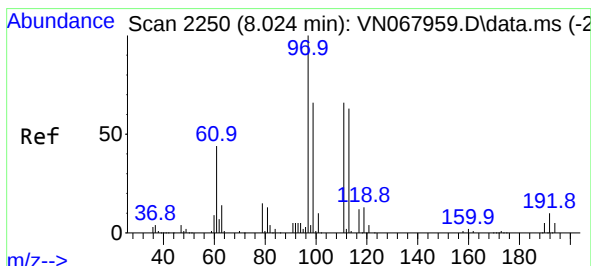
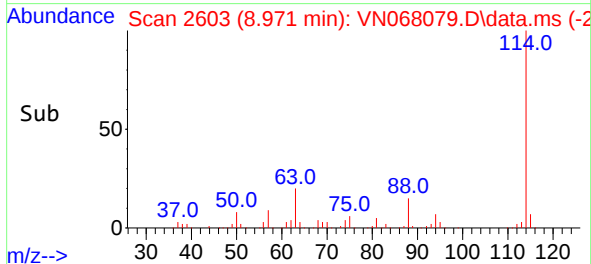
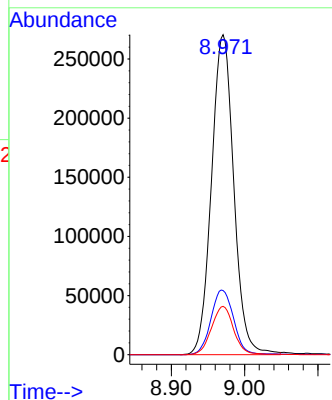
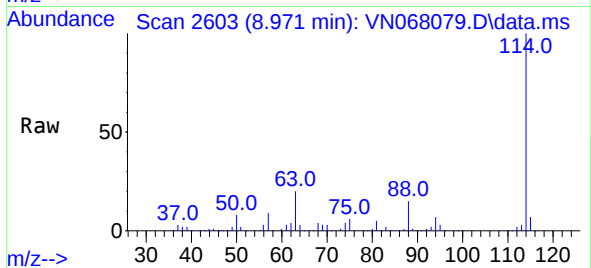




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

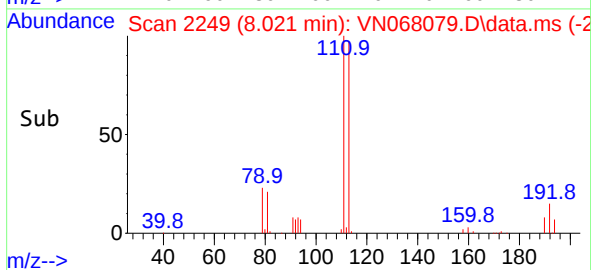
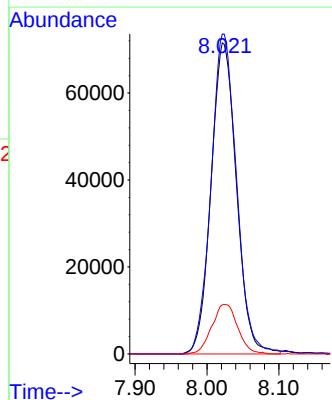
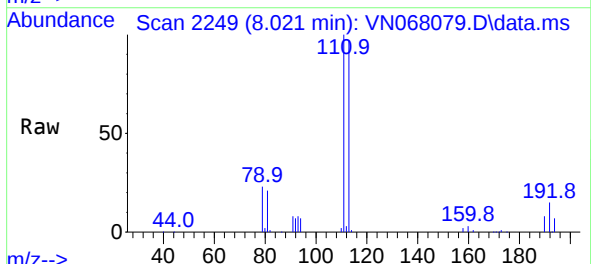
Instrument :
MSVOA_N
ClientSampled :
31109

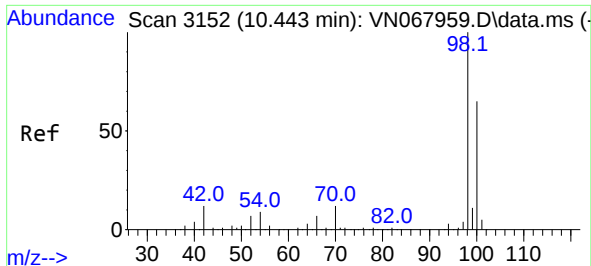
Tgt Ion:114 Resp: 572176
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.545 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion:113 Resp: 175214
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 16.3 13.4 20.0

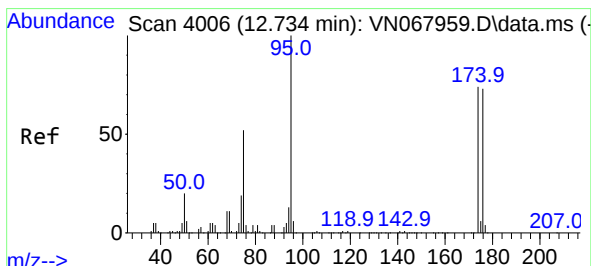
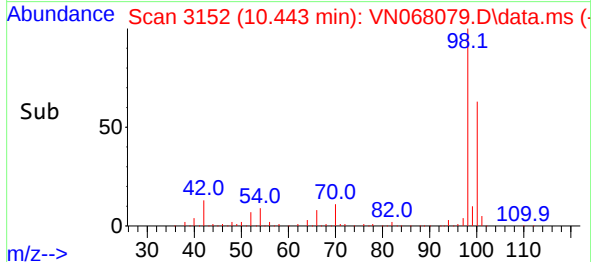
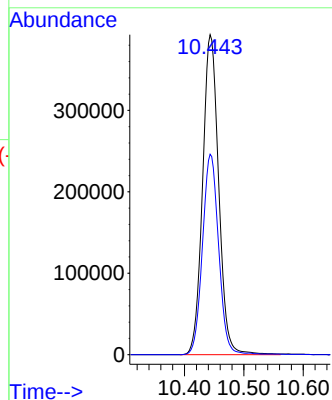
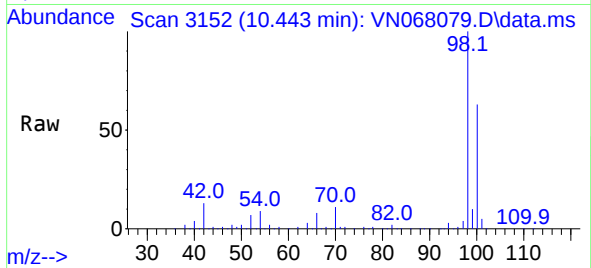




#50
Toluene-d8
Concen: 48.195 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

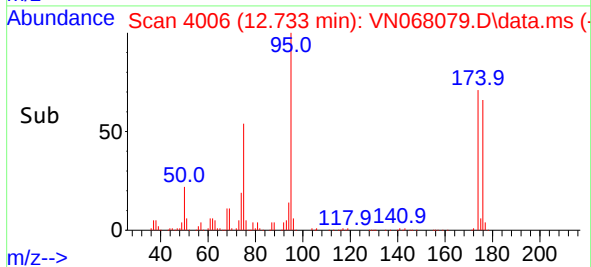
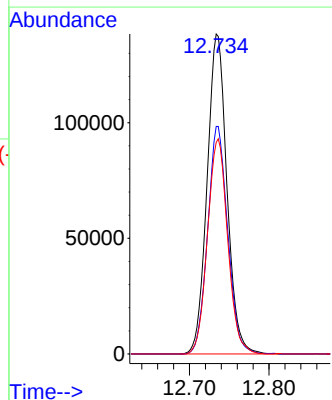
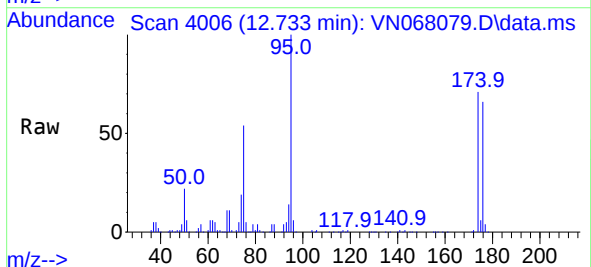
Instrument :
MSVOA_N
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31109

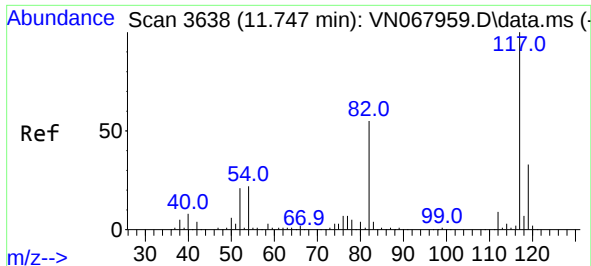
Tgt Ion: 98 Resp: 739353
Ion Ratio Lower Upper
98 100
100 62.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.306 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion: 95 Resp: 239768
Ion Ratio Lower Upper
95 100
174 72.0 0.0 122.0
176 68.5 0.0 117.6

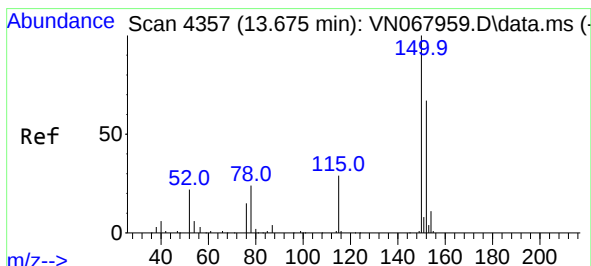
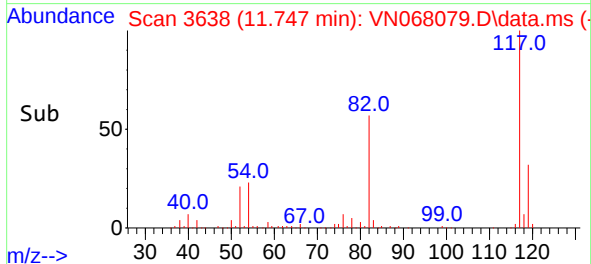
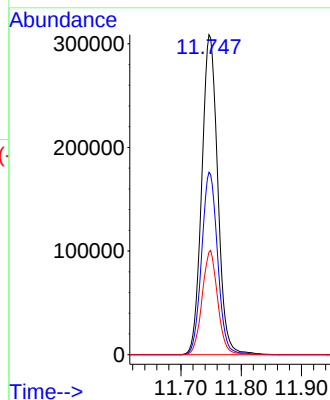
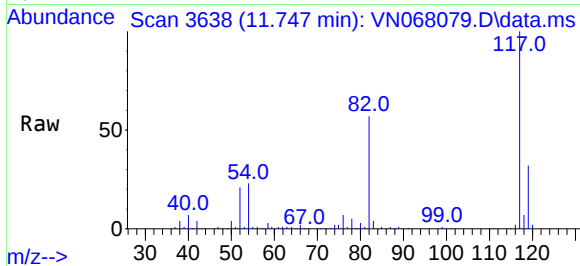




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068079.D
Acq: 11 Aug 2021 18:41

Instrument :
MSVOA_N
ClientSampleId :
31109

Tgt Ion:117 Resp: 567834
Ion Ratio Lower Upper
117 100
82 57.0 53.1 79.7
119 32.1 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: VN068079.D
Acq: 11 Aug 2021 18:41

Tgt Ion:152 Resp: 191882
Ion Ratio Lower Upper
152 100
115 62.1 36.1 108.5
150 158.6 0.0 351.8

