

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081921\
 Data File : VN068210.D
 Acq On : 19 Aug 2021 12:15
 Operator : JC/MD
 Sample : VN0819WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBL01

Quant Time: Aug 19 13:03:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	446785	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	746295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	739891	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	276994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	278825	58.448	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.900%	
35) Dibromofluoromethane	8.024	113	254956	54.415	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.820%	
50) Toluene-d8	10.446	98	986094	55.234	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 110.460%	
62) 4-Bromofluorobenzene	12.736	95	303167	51.010	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.020%	

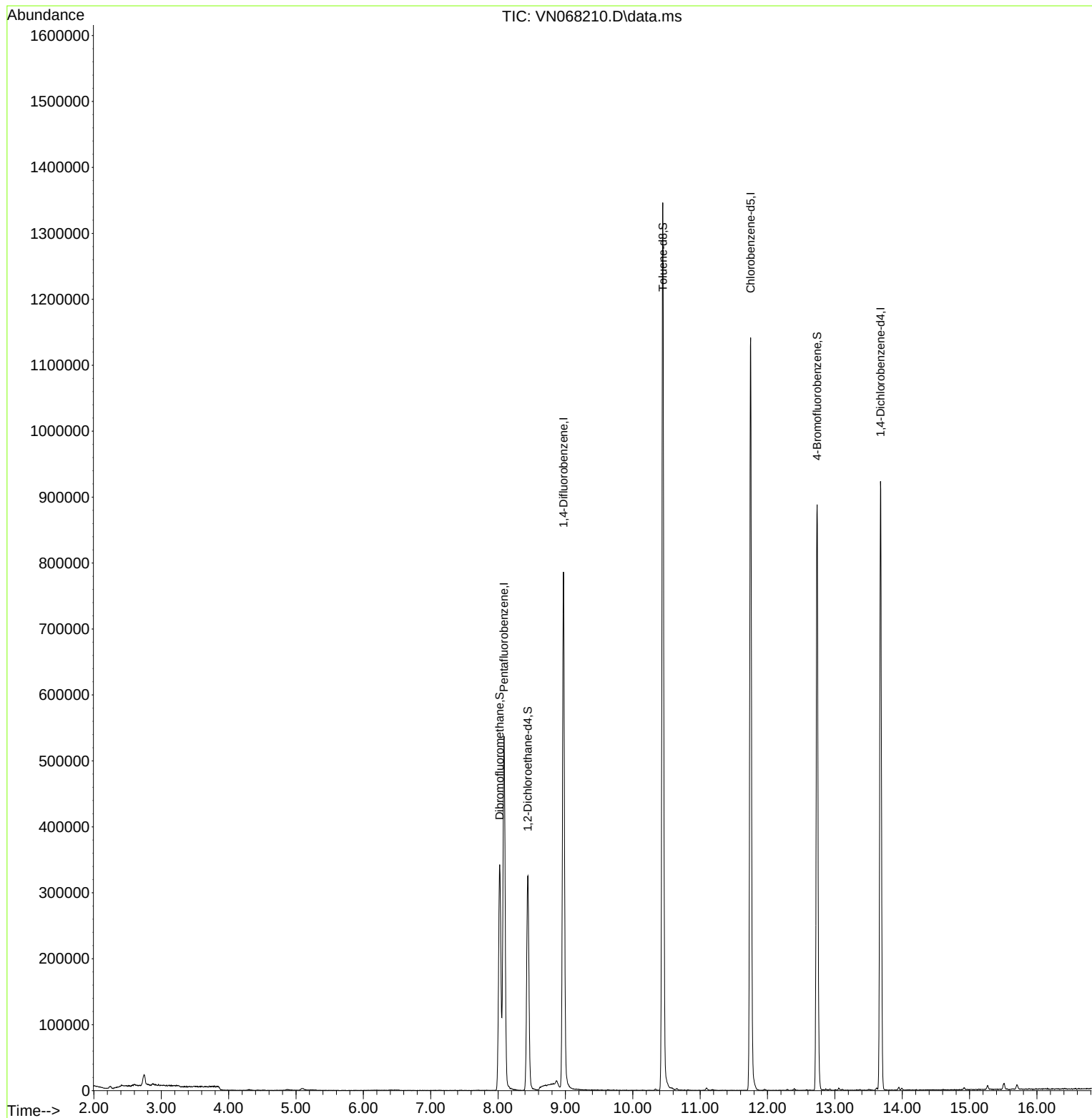
Target Compounds	Qvalue

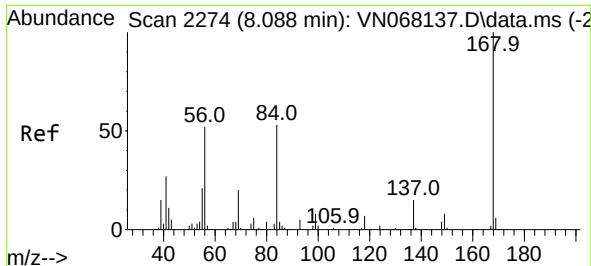
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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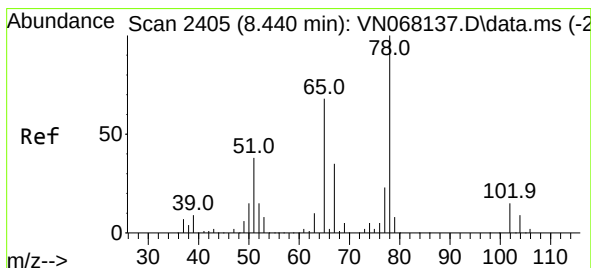
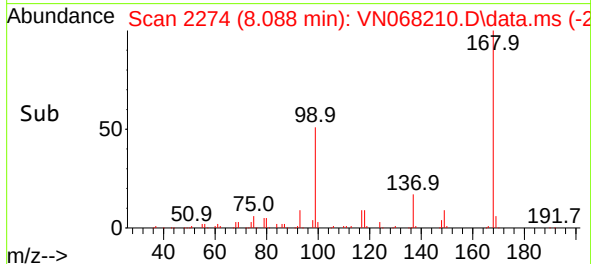
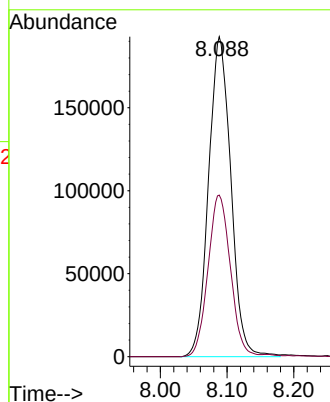
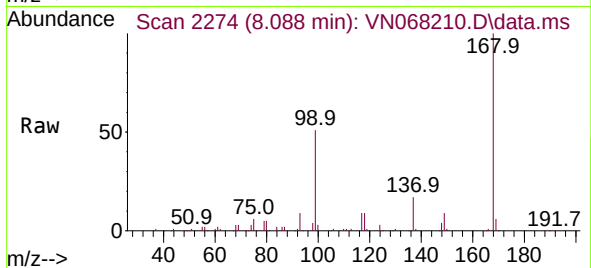




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068210.D
Acq: 19 Aug 2021 12:15

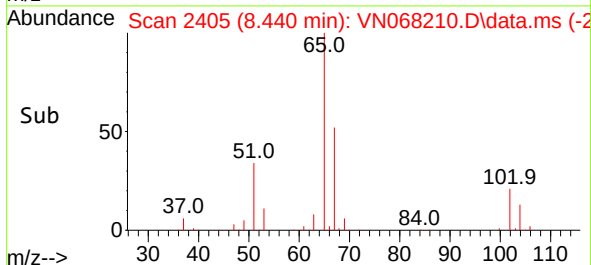
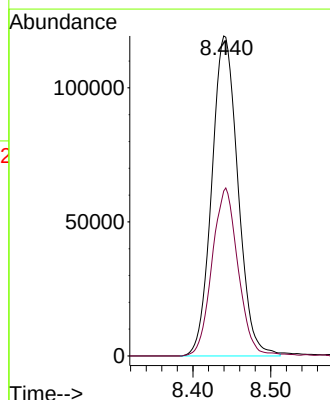
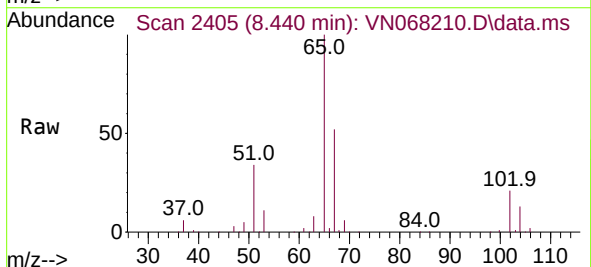
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL01

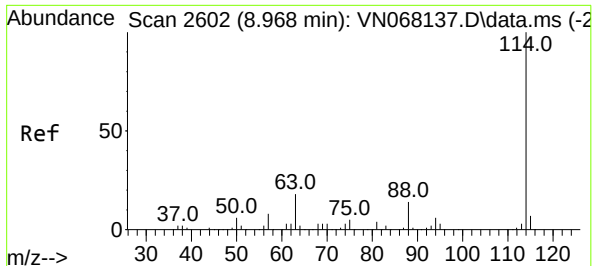
Tgt Ion:168 Resp: 446785
Ion Ratio Lower Upper
168 100
99 50.5 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 58.448 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068210.D
Acq: 19 Aug 2021 12:15

Tgt Ion: 65 Resp: 278825
Ion Ratio Lower Upper
65 100
67 52.3 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: VN068210.D

Acq: 19 Aug 2021 12:15

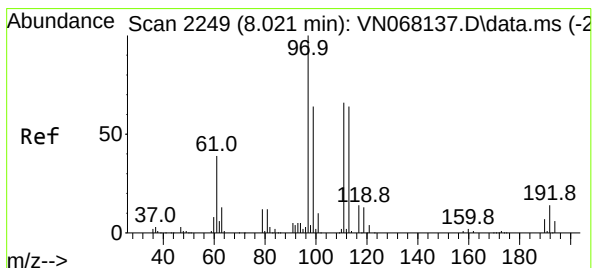
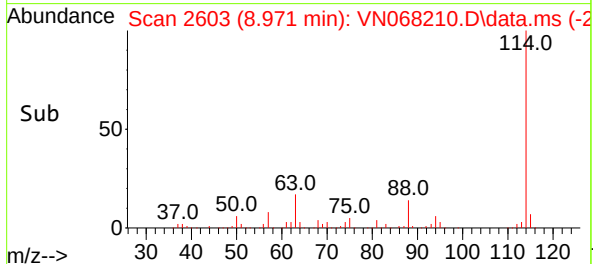
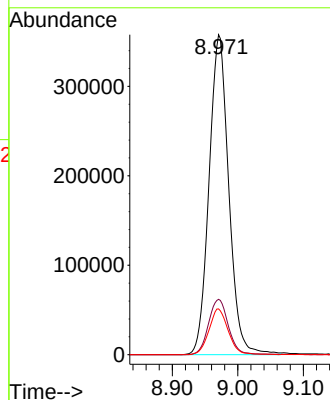
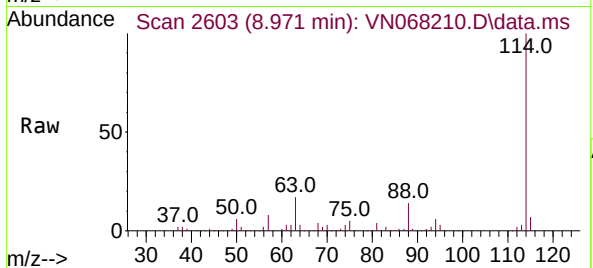
Tgt Ion:114 Resp: 746295

Ion Ratio Lower Upper

114 100

63 17.3 0.0 49.0

88 14.3 0.0 36.6



#35

Dibromofluoromethane

Concen: 54.415 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN068210.D

Acq: 19 Aug 2021 12:15

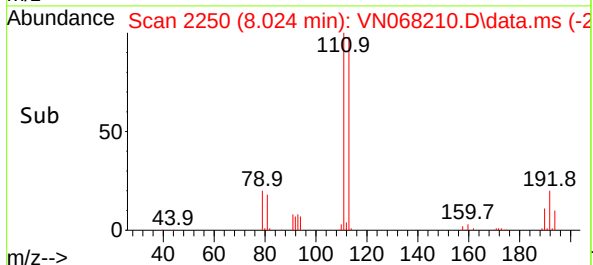
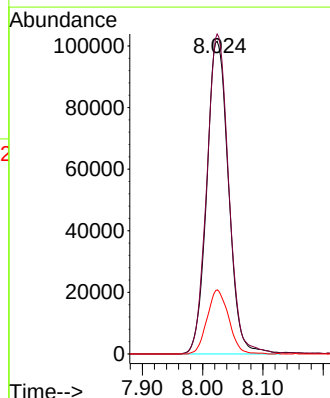
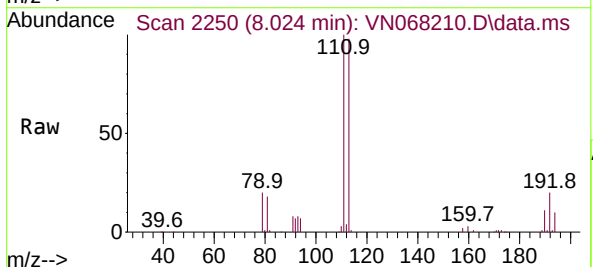
Tgt Ion:113 Resp: 254956

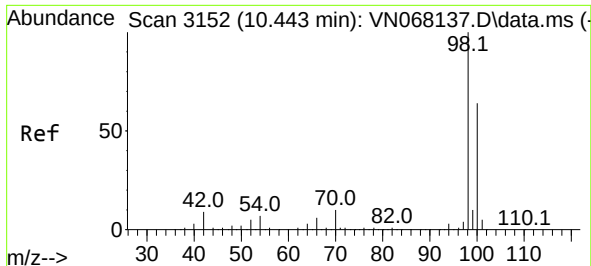
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.8

192 20.3 13.4 20.0#

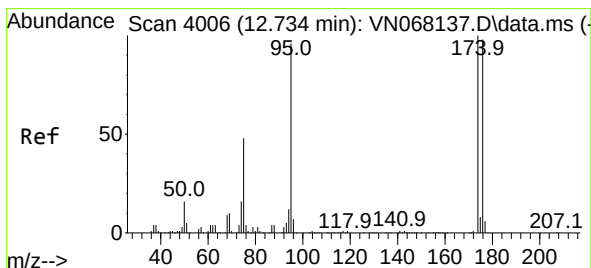
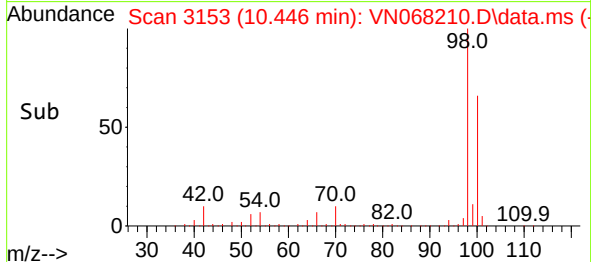
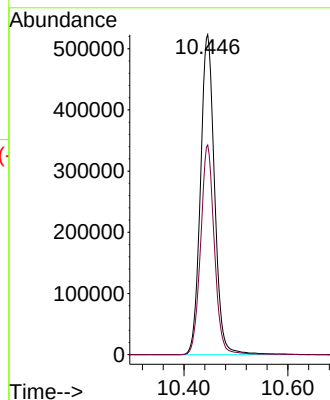
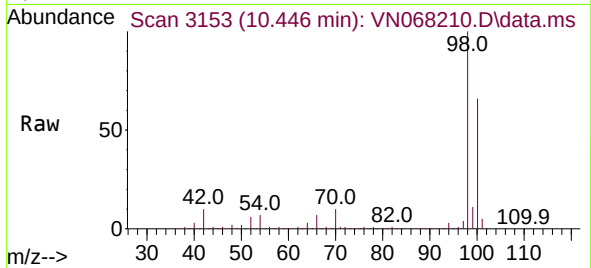




#50
Toluene-d8
Concen: 55.234 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068210.D
Acq: 19 Aug 2021 12:15

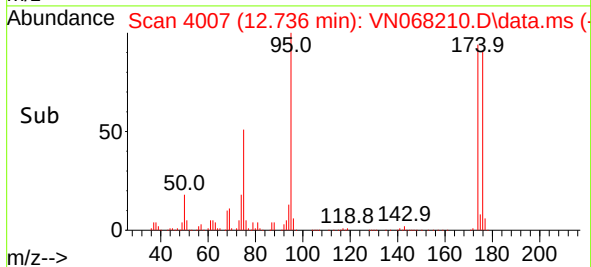
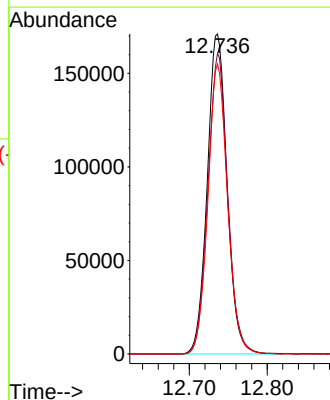
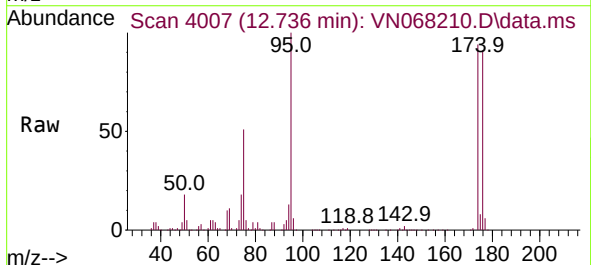
Instrument :
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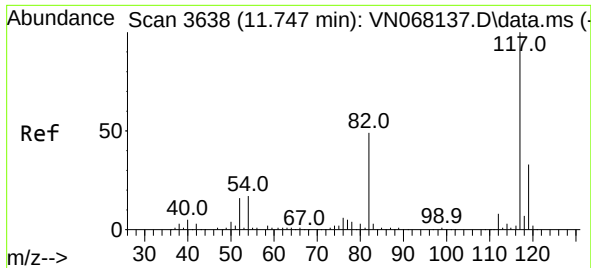
Tgt Ion: 98 Resp: 986094
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.010 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068210.D
Acq: 19 Aug 2021 12:15

Tgt Ion: 95 Resp: 303167
Ion Ratio Lower Upper
95 100
174 93.9 0.0 122.0
176 89.5 0.0 117.6

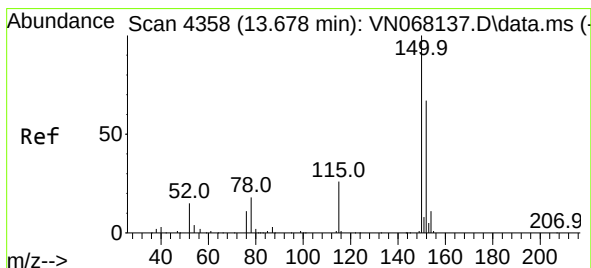
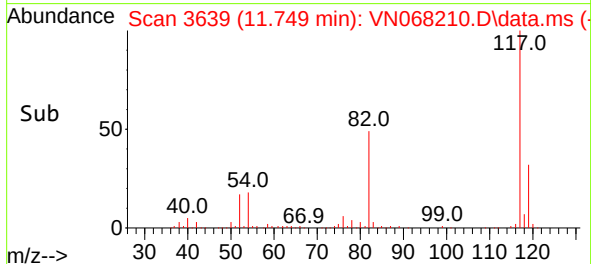
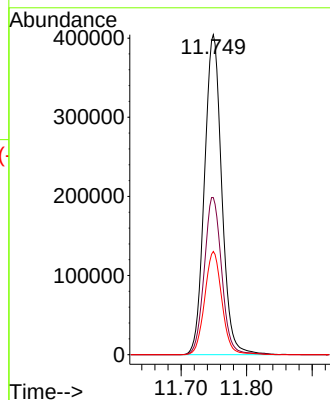
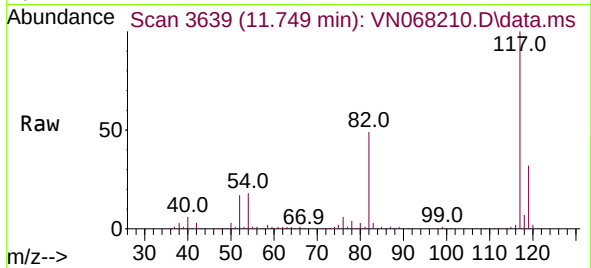




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068210.D
Acq: 19 Aug 2021 12:15

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL01

Tgt Ion:117 Resp: 739891
Ion Ratio Lower Upper
117 100
82 49.1 53.1 79.7#
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068210.D
Acq: 19 Aug 2021 12:15

Tgt Ion:152 Resp: 276994
Ion Ratio Lower Upper
152 100
115 54.7 36.1 108.5
150 155.4 0.0 351.8

