

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068237.D
 Acq On : 20 Aug 2021 11:41
 Operator : JC/MD
 Sample : VN0820WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBL01

Quant Time: Aug 20 15:15:17 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	454942	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	770170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	768141	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	279928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	275998	56.819	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.640%	
35) Dibromofluoromethane	8.021	113	250541	51.815	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.620%	
50) Toluene-d8	10.443	98	979391	53.158	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	12.733	95	306766	50.016	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.040%	

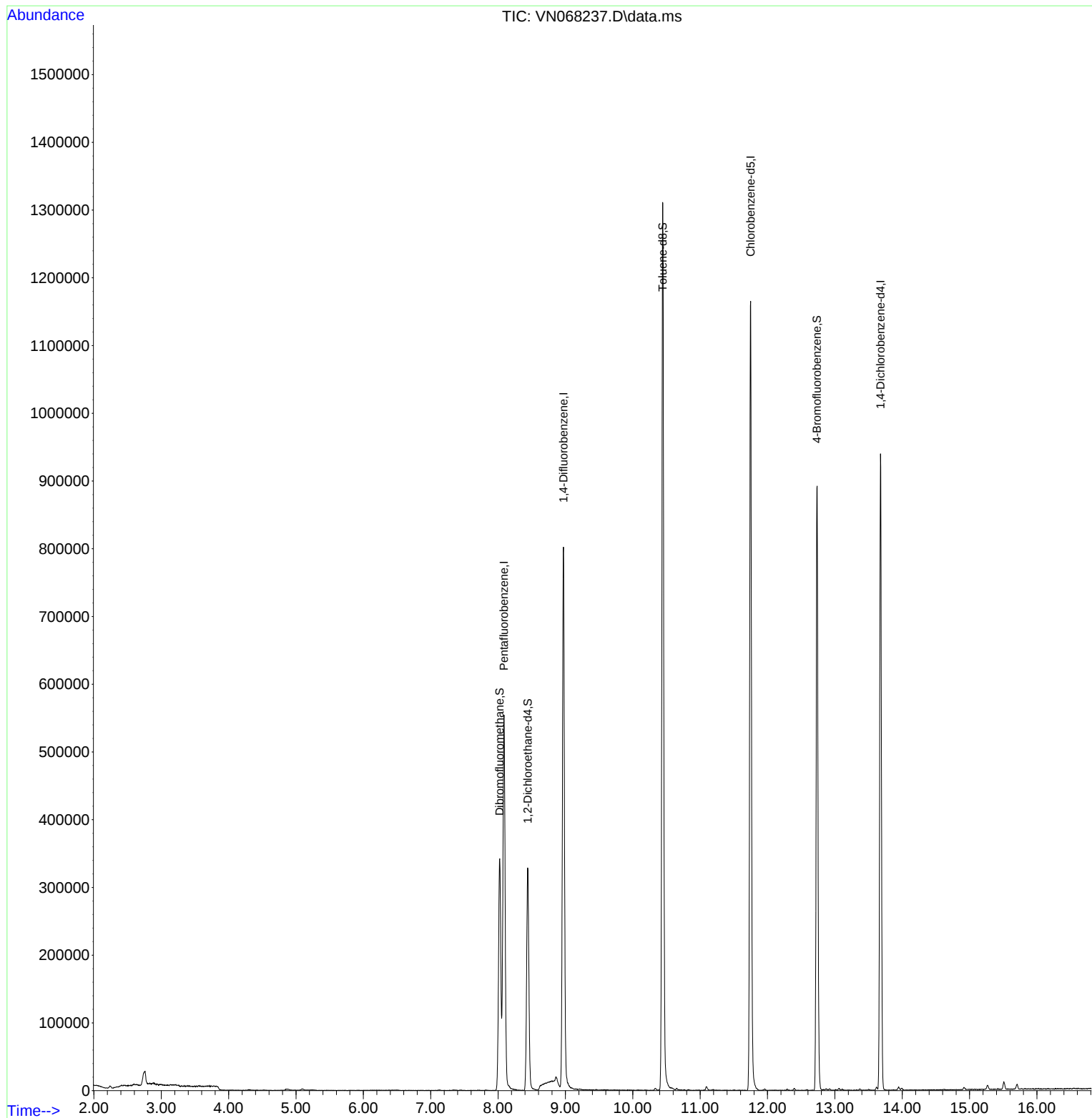
Target Compounds	Qvalue

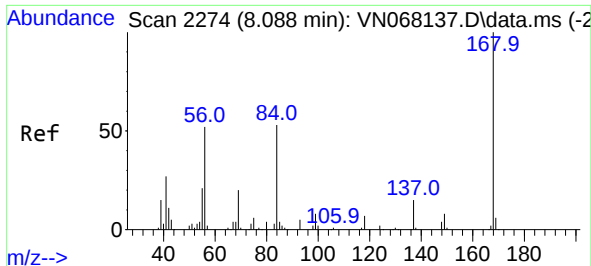
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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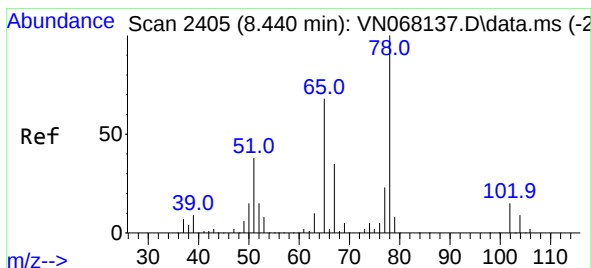
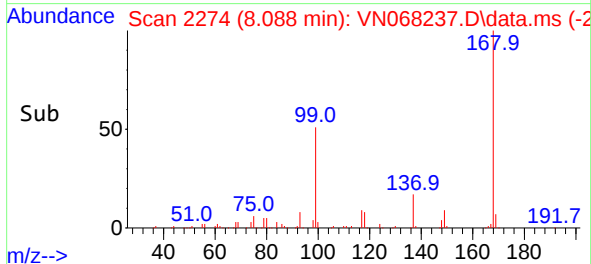
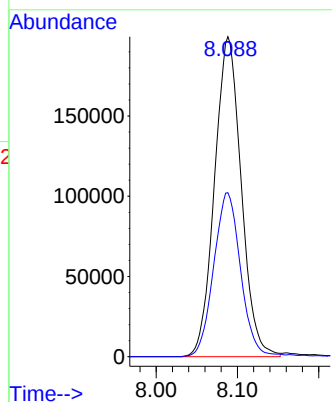
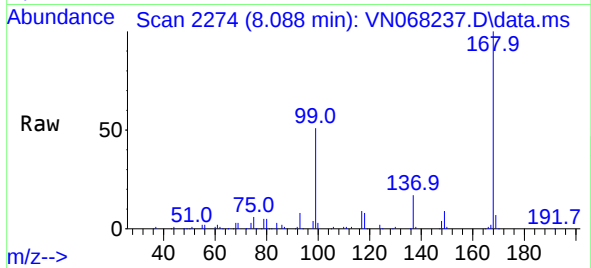




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068237.D
Acq: 20 Aug 2021 11:41

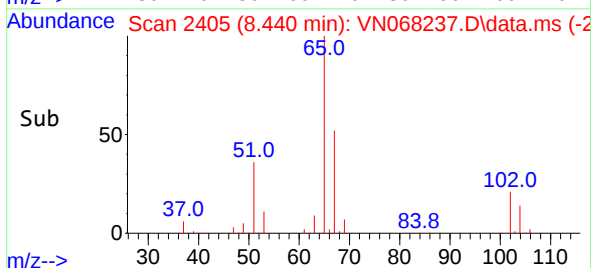
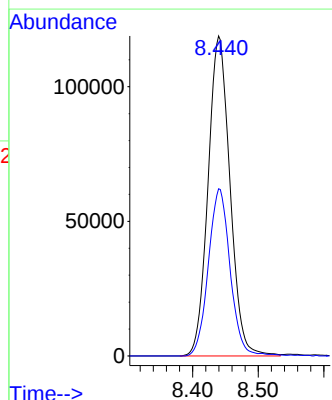
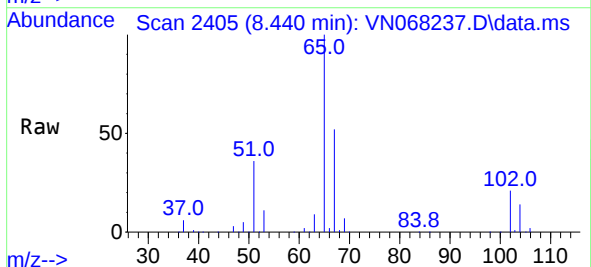
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

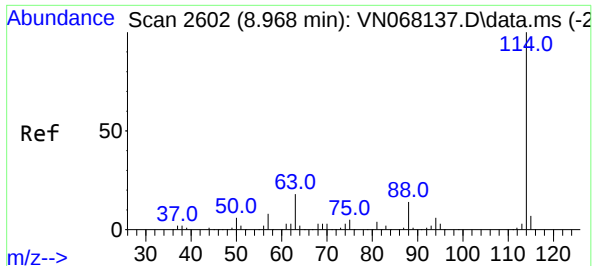
Tgt Ion:168 Resp: 454942
Ion Ratio Lower Upper
168 100
99 51.2 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 56.819 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068237.D
Acq: 20 Aug 2021 11:41

Tgt Ion: 65 Resp: 275998
Ion Ratio Lower Upper
65 100
67 51.4 0.0 98.6

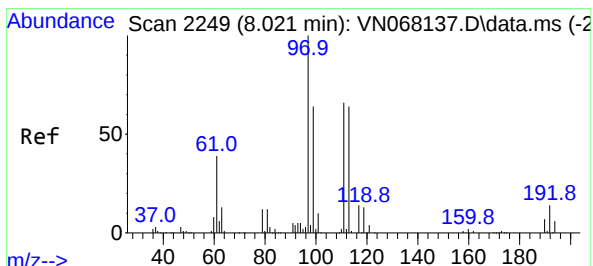
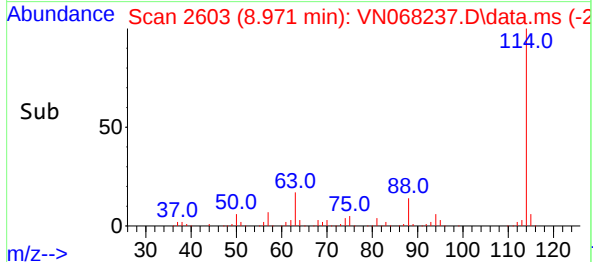
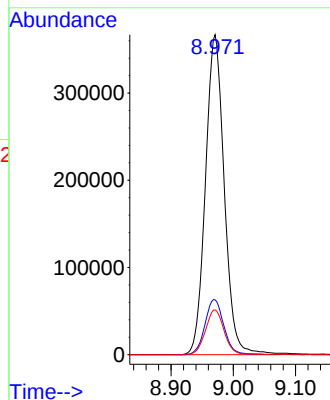
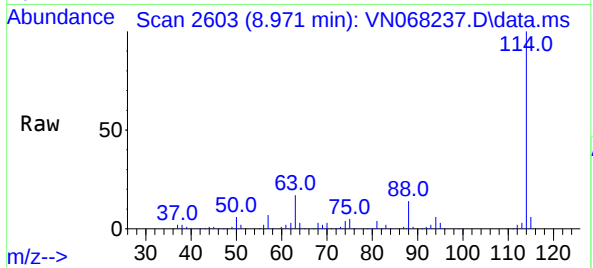




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068237.D
Acq: 20 Aug 2021 11:41

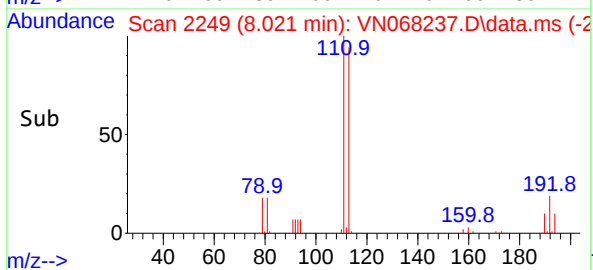
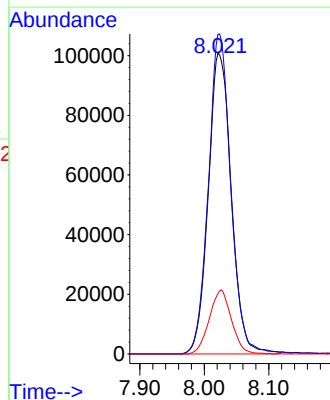
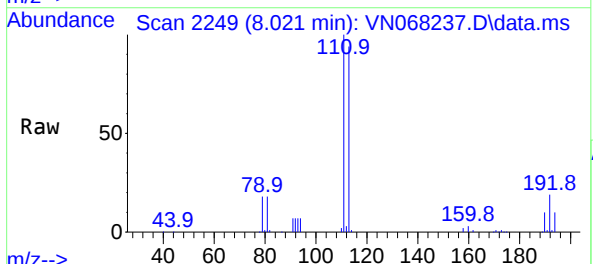
Instrument :
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VN0820WBL01

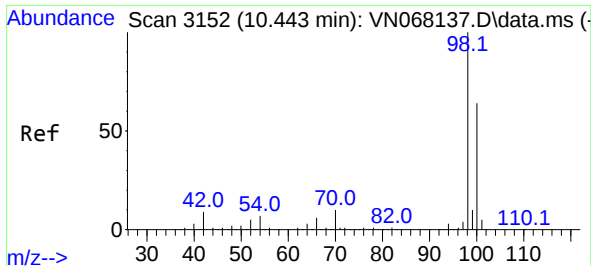
Tgt Ion:114 Resp: 770170
Ion Ratio Lower Upper
114 100
63 17.2 0.0 49.0
88 14.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.815 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN068237.D
Acq: 20 Aug 2021 11:41

Tgt Ion:113 Resp: 250541
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.8
192 20.5 13.4 20.0#

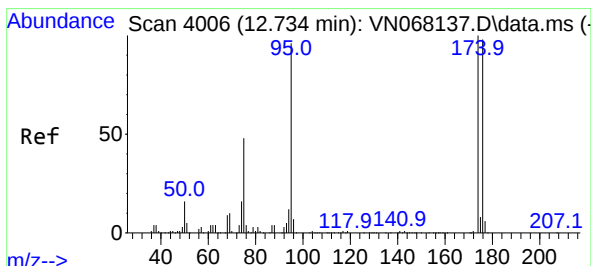
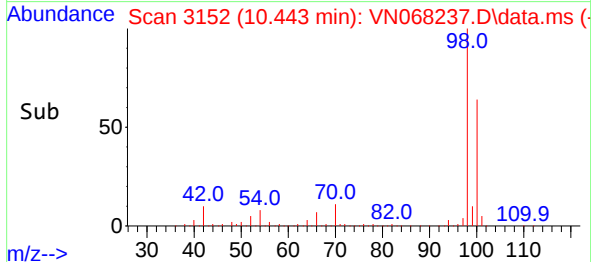
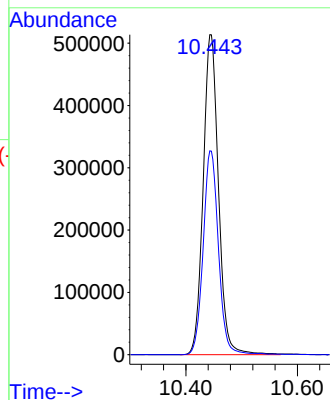
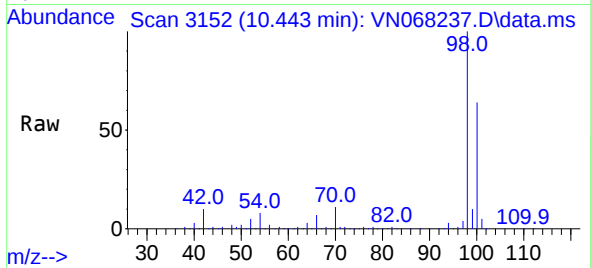




#50
Toluene-d8
Concen: 53.158 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068237.D
Acq: 20 Aug 2021 11:41

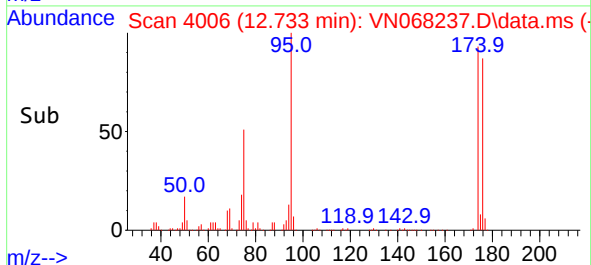
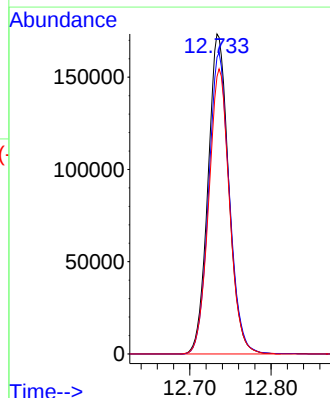
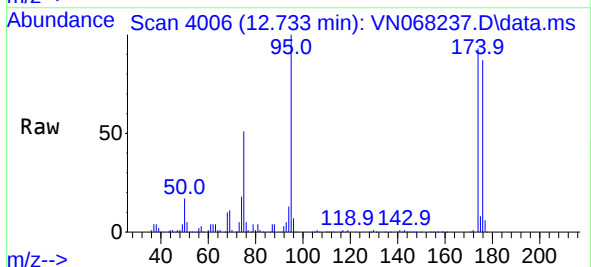
Instrument :
MSVOA_N
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VN0820WBL01

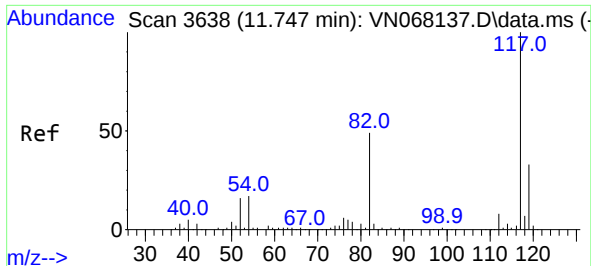
Tgt Ion: 98 Resp: 979391
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 50.016 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068237.D
Acq: 20 Aug 2021 11:41

Tgt Ion: 95 Resp: 306766
Ion Ratio Lower Upper
95 100
174 94.2 0.0 122.0
176 89.1 0.0 117.6

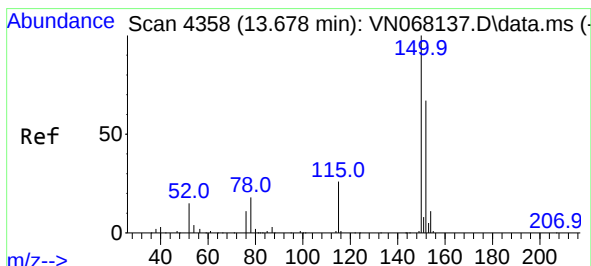
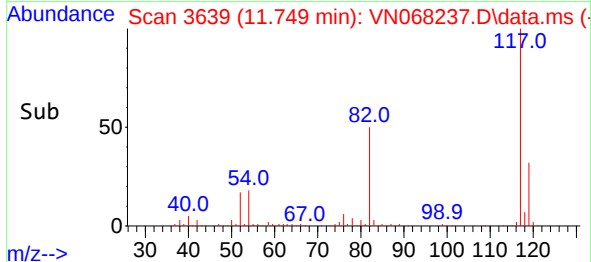
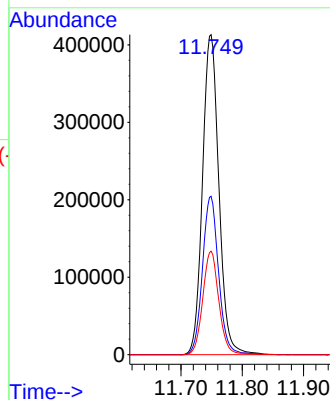
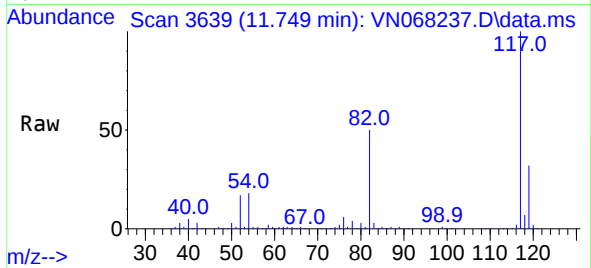




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068237.D
Acq: 20 Aug 2021 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBL01

Tgt Ion:117 Resp: 768141
Ion Ratio Lower Upper
117 100
82 49.5 53.1 79.7#
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068237.D
Acq: 20 Aug 2021 11:41

Tgt Ion:152 Resp: 279928
Ion Ratio Lower Upper
152 100
115 54.9 36.1 108.5
150 158.6 0.0 351.8

