

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069957.D
 Acq On : 10 Dec 2021 12:51
 Operator : JC/MD
 Sample : VN1210MBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210MBL01

Quant Time: Dec 11 05:18:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1054280	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	2004750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2266593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	940315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	858154	52.718	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.440%
35) Dibromofluoromethane	8.021	113	622695	49.588	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.180%
50) Toluene-d8	10.440	98	2655917	52.674	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.733	95	1110628	60.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	121.600%

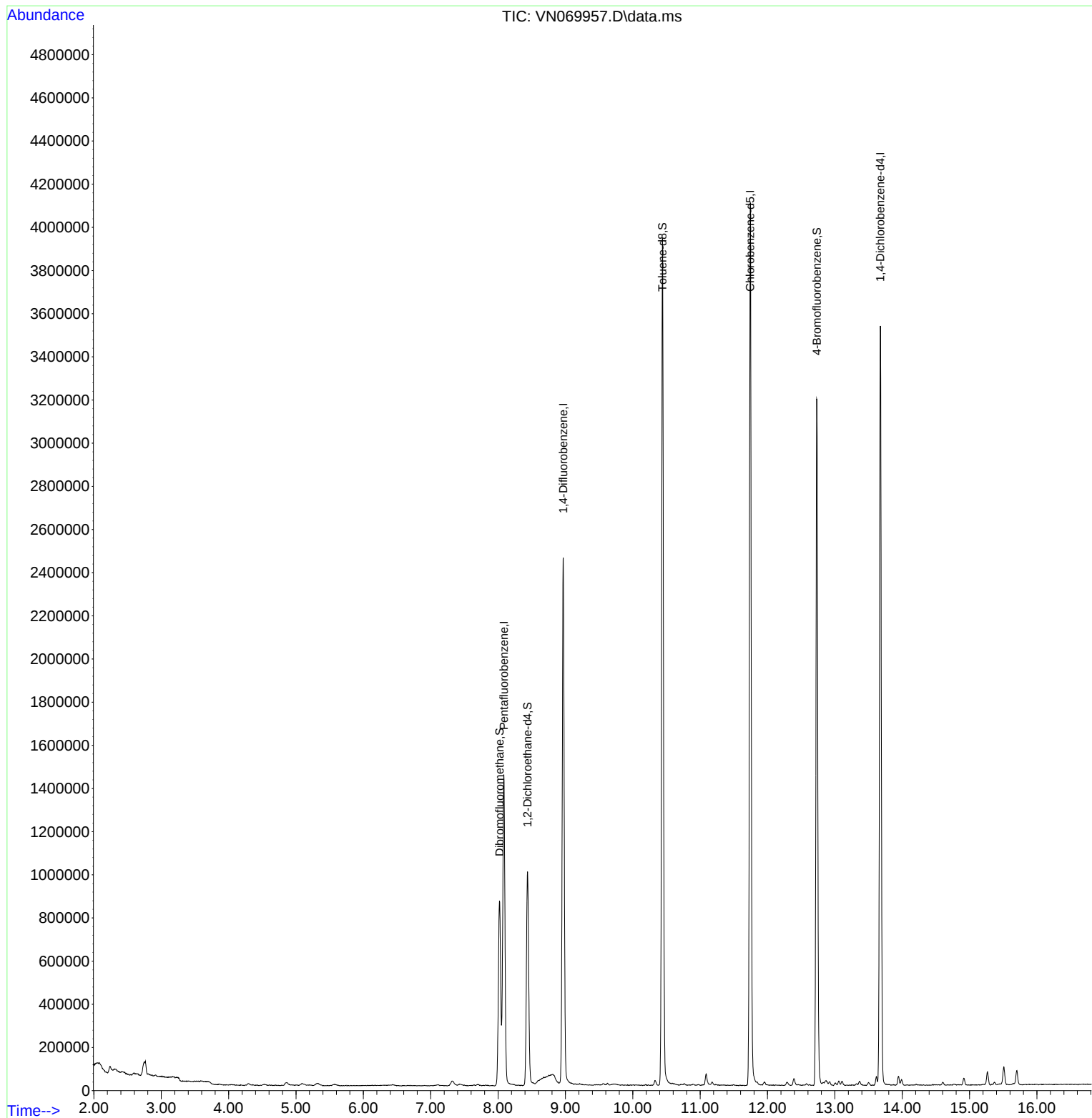
Target Compounds	Qvalue

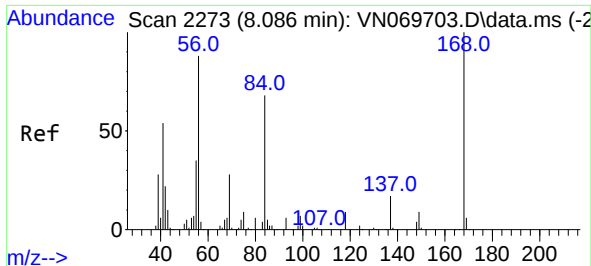
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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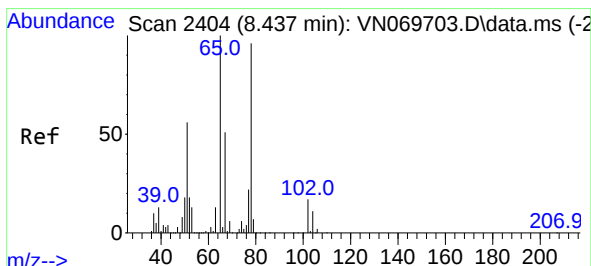
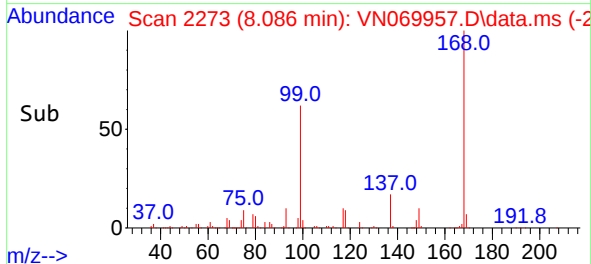
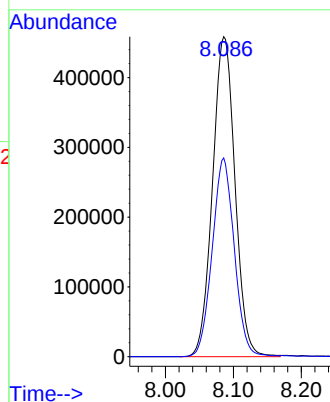
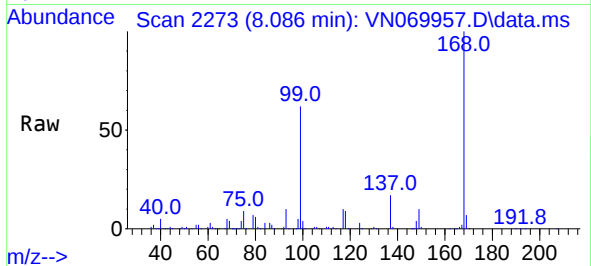




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069957.D
Acq: 10 Dec 2021 12:51

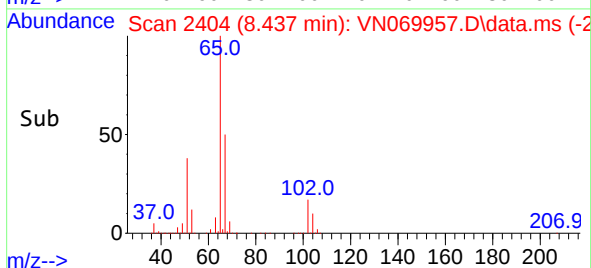
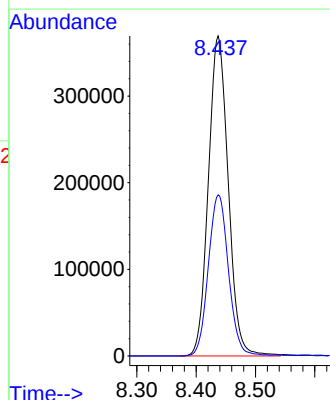
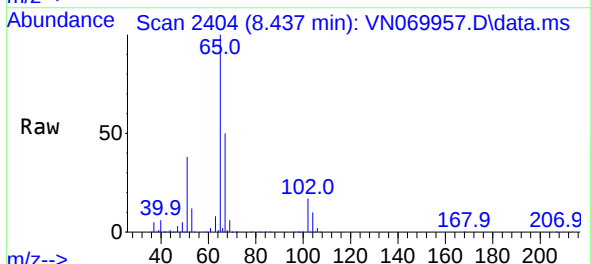
Instrument :
MSVOA_N
ClientSampleId :
VN1210MBL01

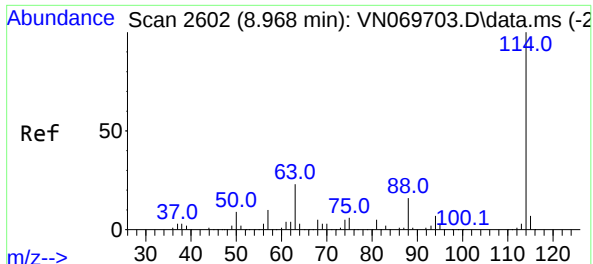
Tgt Ion:168 Resp: 1054280
Ion Ratio Lower Upper
168 100
99 62.1 41.3 61.9#



#33
1,2-Dichloroethane-d4
Concen: 52.718 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069957.D
Acq: 10 Dec 2021 12:51

Tgt Ion: 65 Resp: 858154
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.000 min

Lab File: VN069957.D

Acq: 10 Dec 2021 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1210MBL01

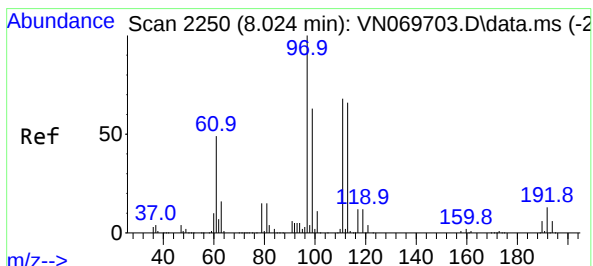
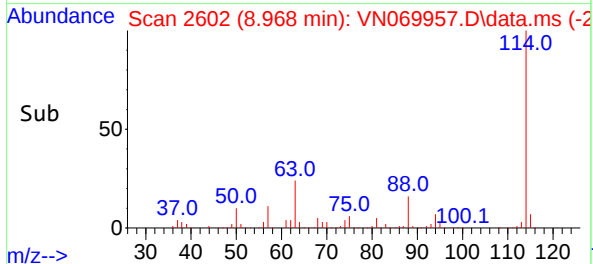
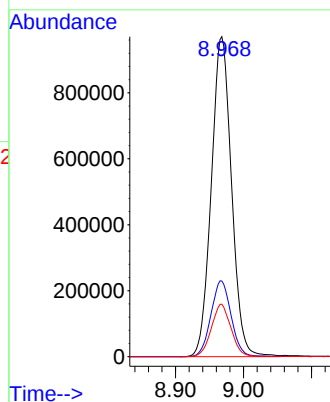
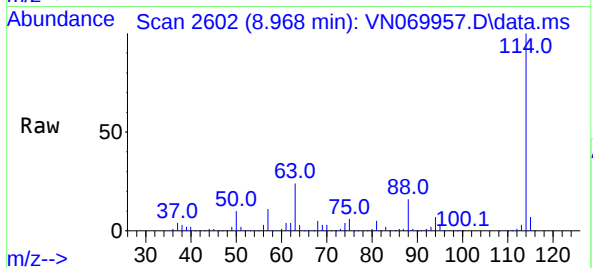
Tgt Ion:114 Resp: 2004750

Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.588 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VN069957.D

Acq: 10 Dec 2021 12:51

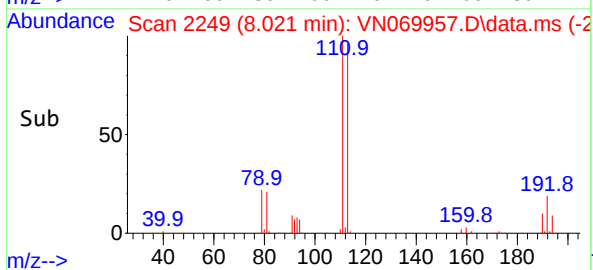
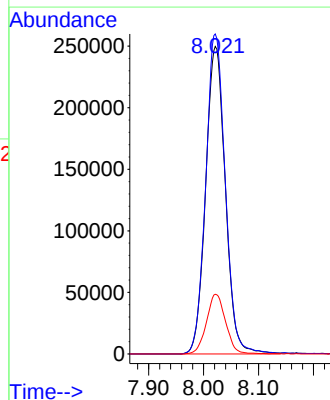
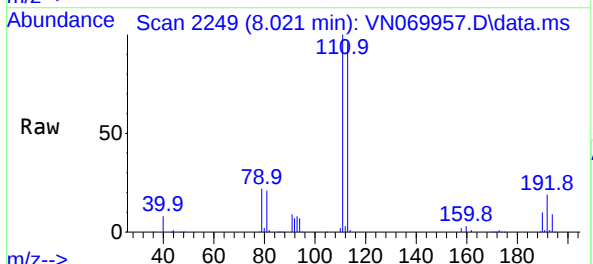
Tgt Ion:113 Resp: 622695

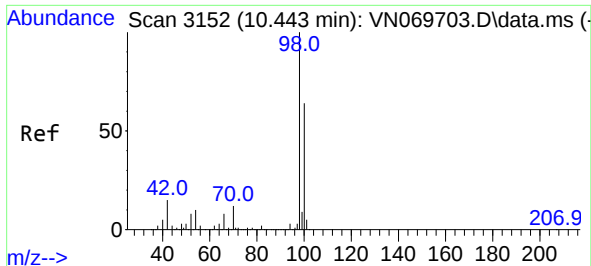
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 18.9 16.9 25.3

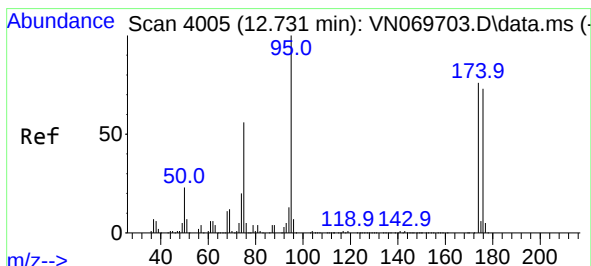
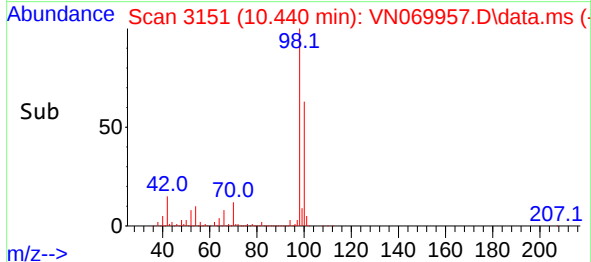
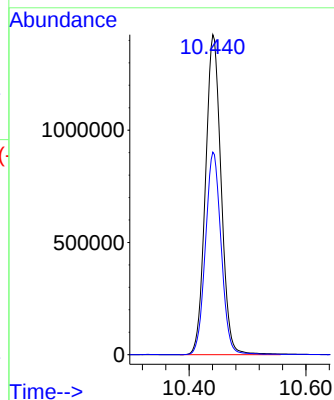
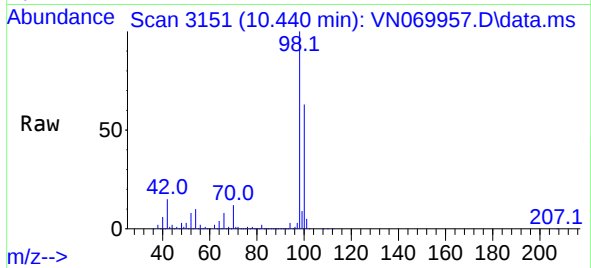




#50
Toluene-d8
Concen: 52.674 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069957.D
Acq: 10 Dec 2021 12:51

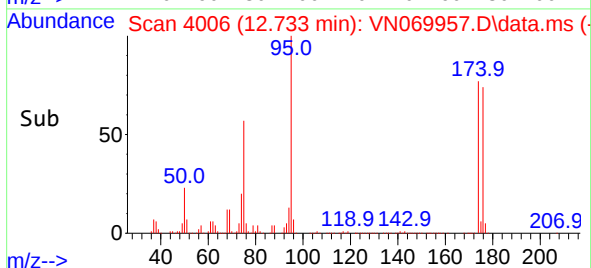
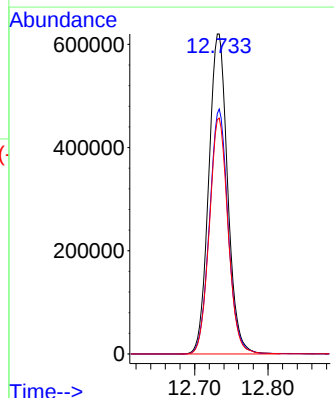
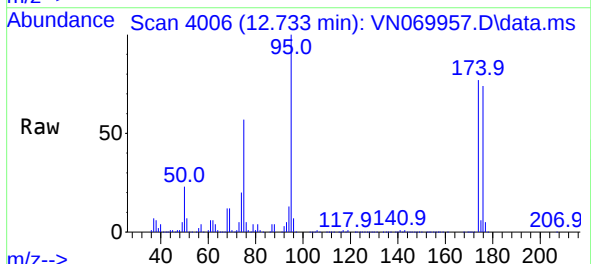
Instrument :
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VN1210MBL01

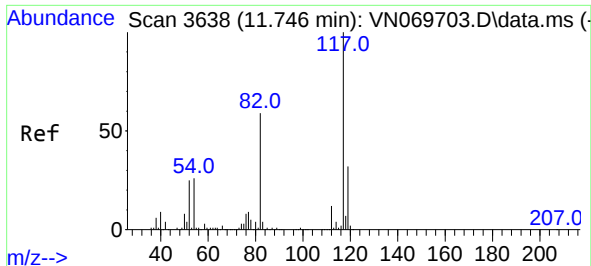
Tgt Ion: 98 Resp: 2655917
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 60.801 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069957.D
Acq: 10 Dec 2021 12:51

Tgt Ion: 95 Resp: 1110628
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.9 0.0 181.4



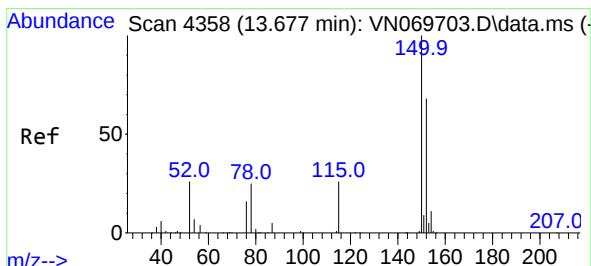
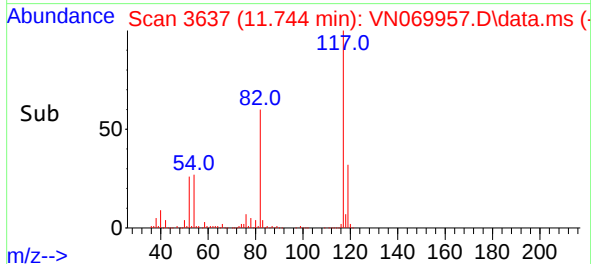
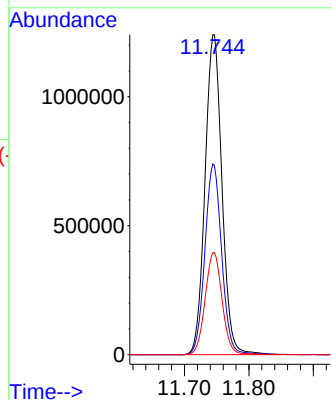
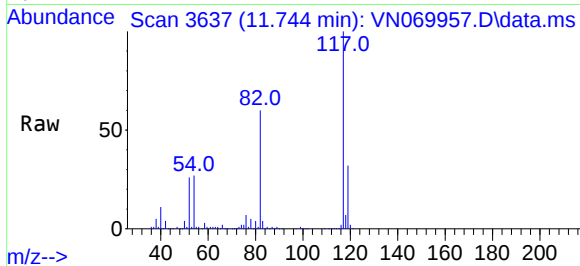


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069957.D
Acq: 10 Dec 2021 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1210MBL01

Tgt Ion:117 Resp: 2266593

Ion	Ratio	Lower	Upper
117	100		
82	59.6	42.4	63.6
119	31.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069957.D
Acq: 10 Dec 2021 12:51

Tgt Ion:152 Resp: 940315

Ion	Ratio	Lower	Upper
152	100		
115	60.7	27.5	82.5
150	157.0	0.0	344.4

