

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070105.D
 Acq On : 15 Dec 2021 11:50
 Operator : JC/MD
 Sample : VN1215MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215MBL01

Quant Time: Dec 16 05:37:31 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	1185126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2280571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2690784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1152076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	957287	52.315	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.640%
35) Dibromofluoromethane	8.021	113	668921	46.827	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.660%
50) Toluene-d8	10.443	98	3030077	52.827	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.660%
62) 4-Bromofluorobenzene	12.731	95	1357356	65.321	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	130.640%

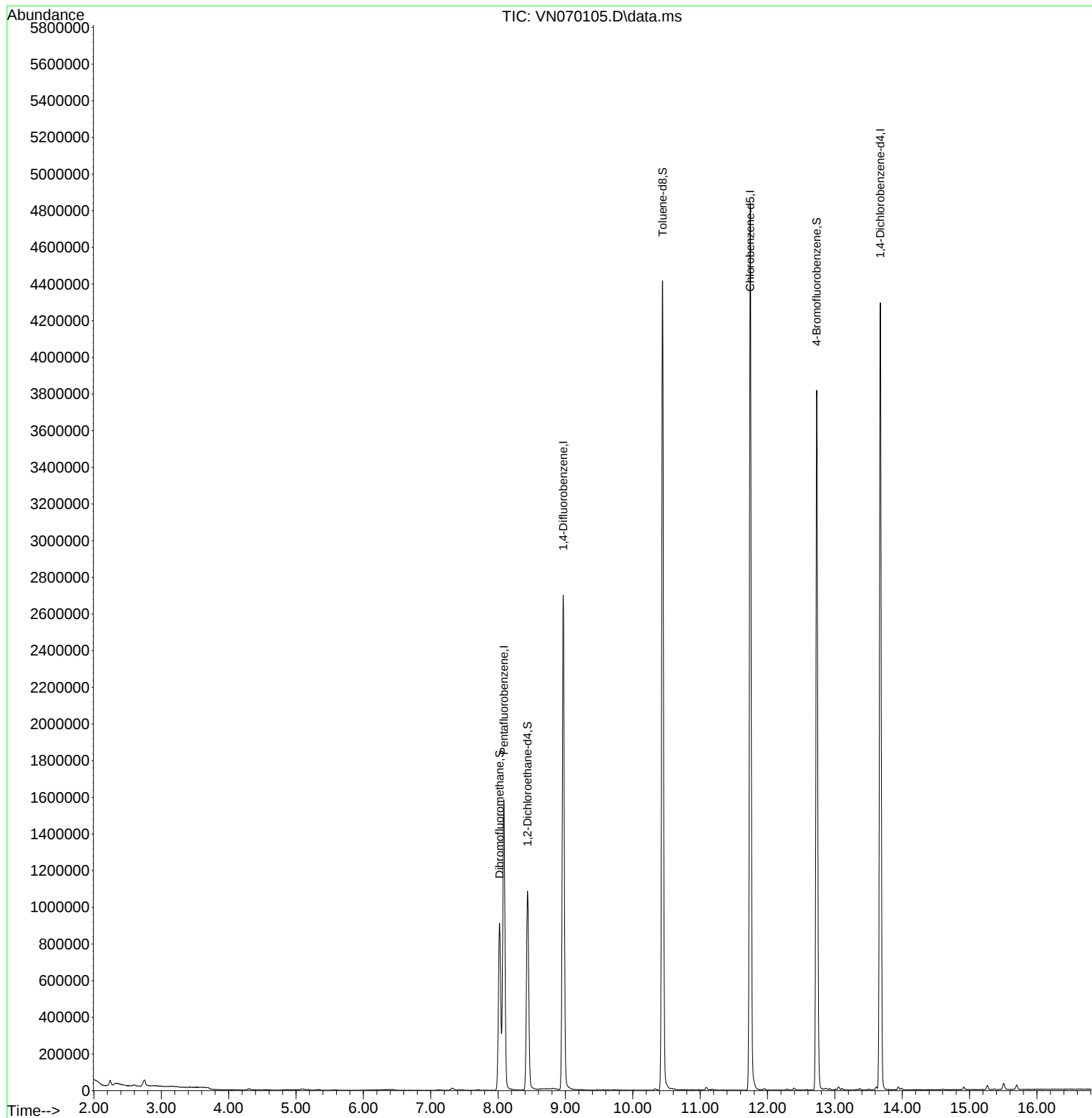
Target Compounds	Qvalue

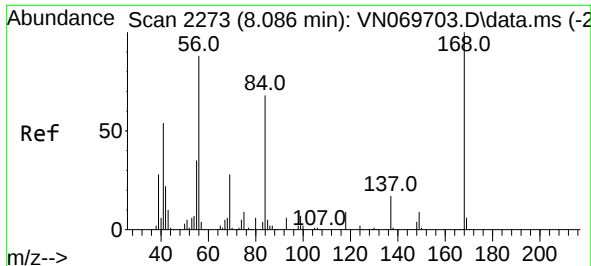
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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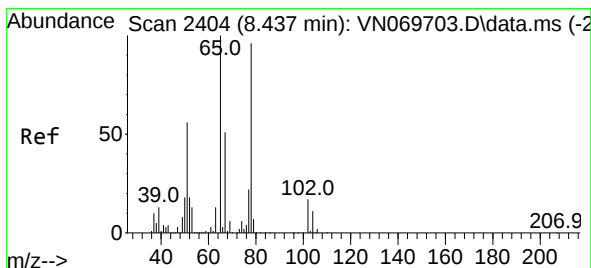
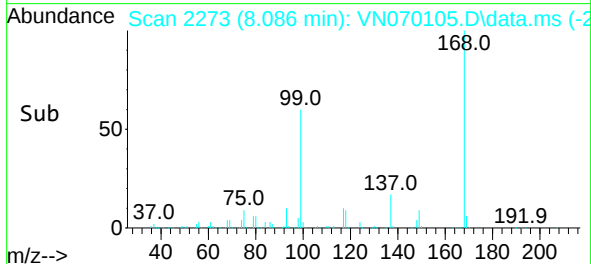
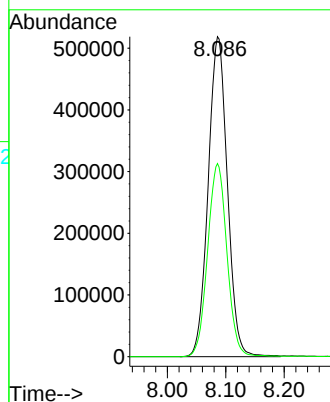
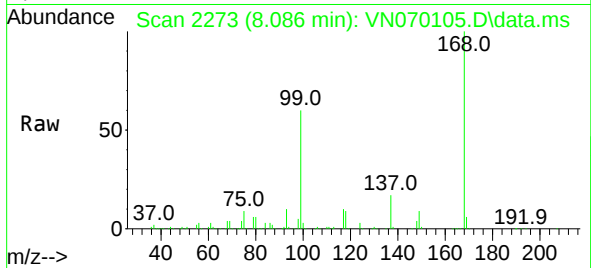




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

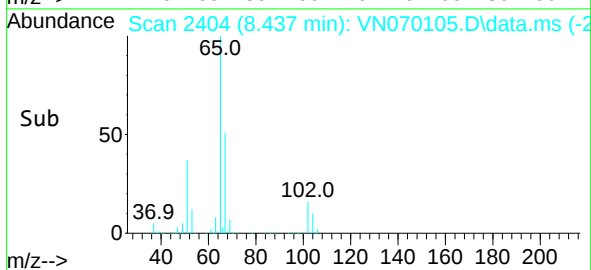
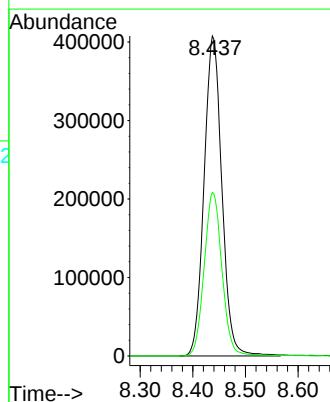
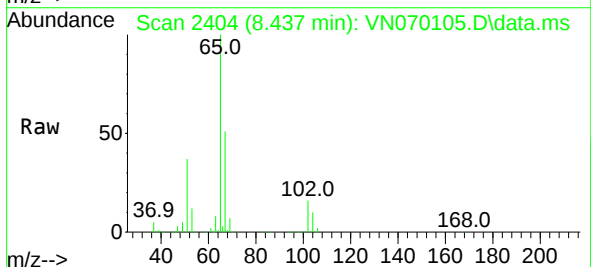
Instrument :
MSVOA_N
ClientSampleId :
VN1215MBL01

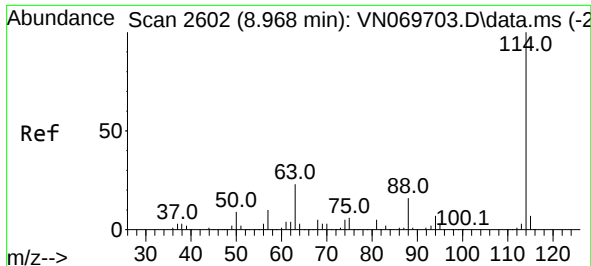
Tgt Ion:168 Resp: 1185126
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 52.315 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Tgt Ion: 65 Resp: 957287
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: VN070105.D

Acq: 15 Dec 2021 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBL01

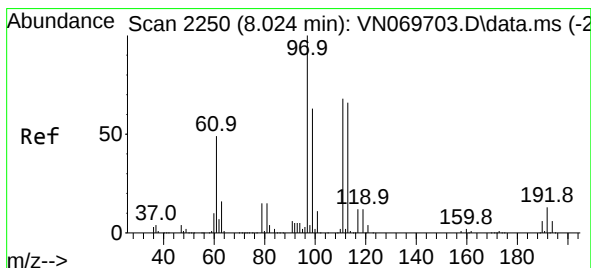
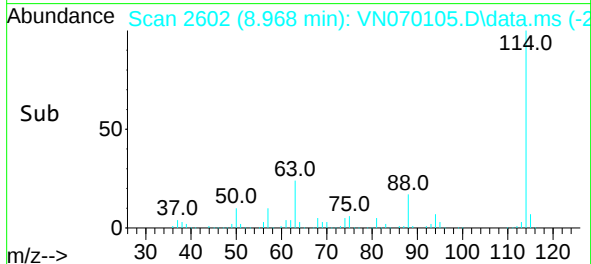
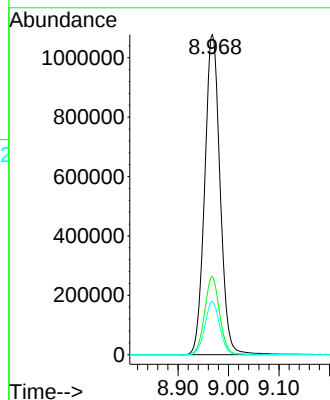
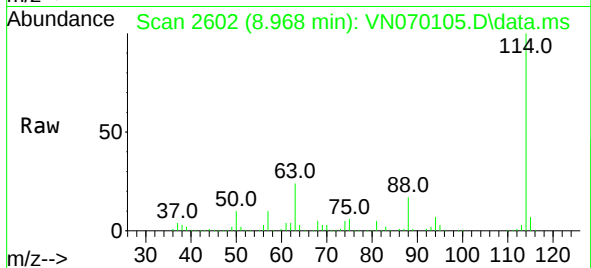
Tgt Ion:114 Resp: 2280571

Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.8

88 16.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.827 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. -0.002 min

Lab File: VN070105.D

Acq: 15 Dec 2021 11:50

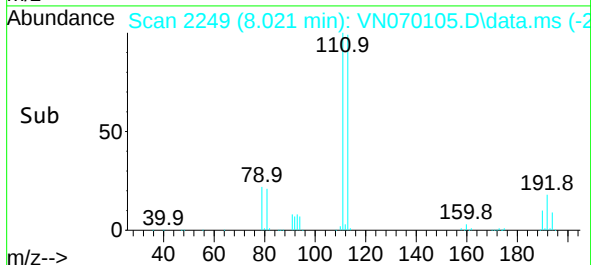
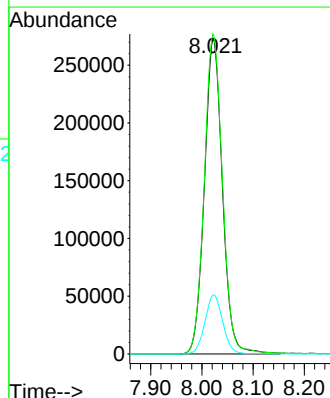
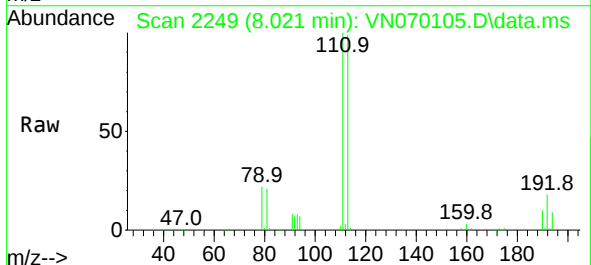
Tgt Ion:113 Resp: 668921

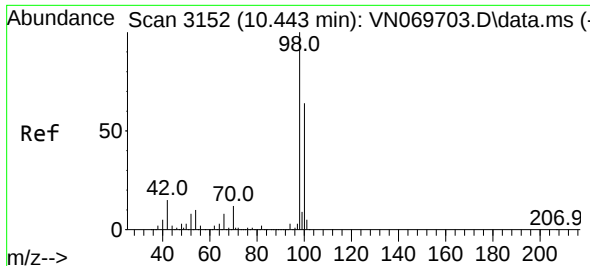
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 18.4 16.9 25.3

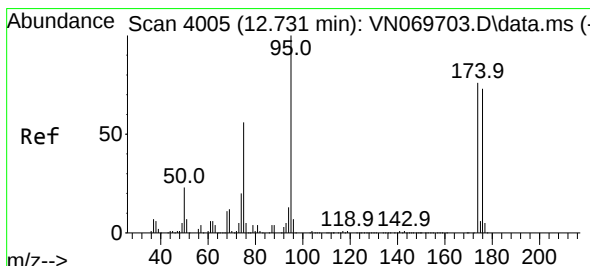
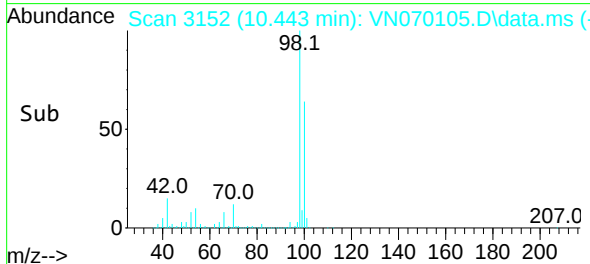
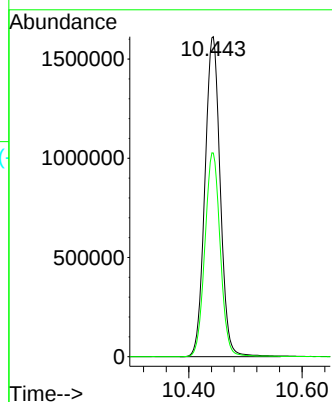
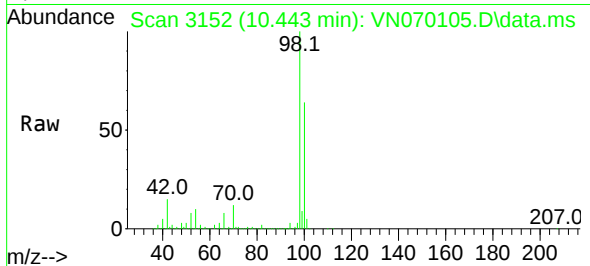




#50
Toluene-d8
Concen: 52.827 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

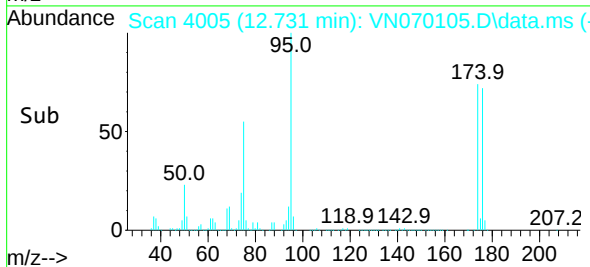
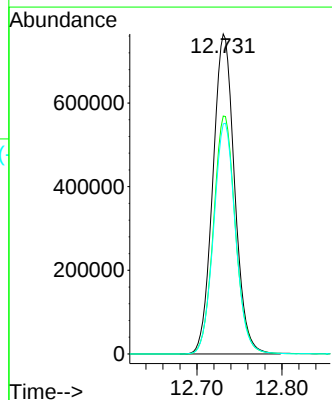
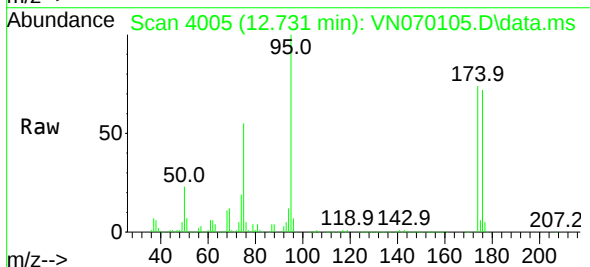
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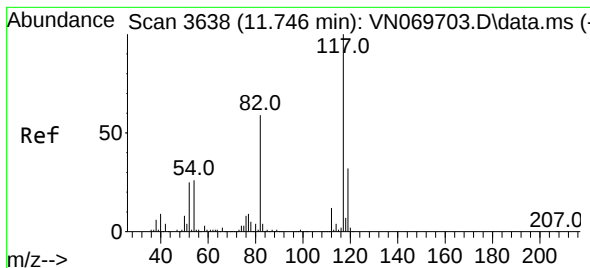
Tgt Ion: 98 Resp: 3030077
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 65.321 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070105.D
Acq: 15 Dec 2021 11:50

Tgt Ion: 95 Resp: 1357356
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.6 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: VN070105.D

Acq: 15 Dec 2021 11:50

Instrument :

MSVOA_N

ClientSampleId :

VN1215MBL01

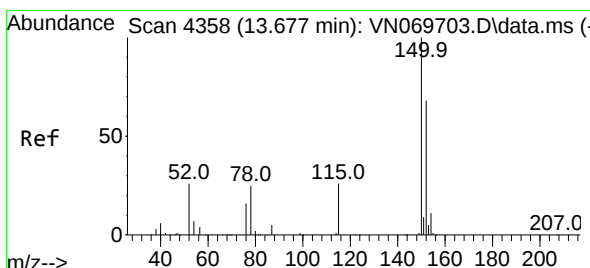
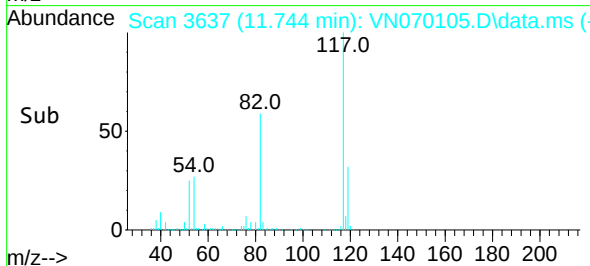
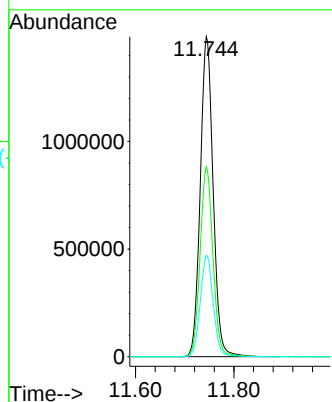
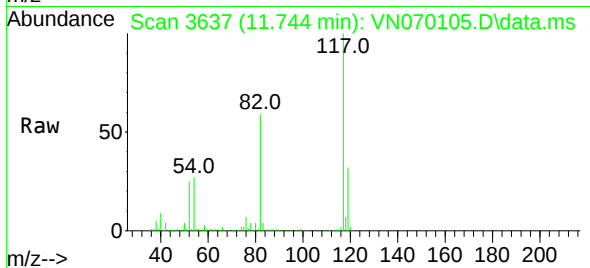
Tgt Ion:117 Resp: 2690784

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 31.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.002 min

Lab File: VN070105.D

Acq: 15 Dec 2021 11:50

Tgt Ion:152 Resp: 1152076

Ion Ratio Lower Upper

152 100

115 61.4 27.5 82.5

150 156.9 0.0 344.4

