

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070063.D
 Acq On : 14 Dec 2021 10:59
 Operator : JC/MD
 Sample : VN1214WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBL01

Quant Time: Dec 14 17:08:58 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	999606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1922916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2229704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	885559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	815244	52.822	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.640%
35) Dibromofluoromethane	8.024	113	598826	49.717	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.440%
50) Toluene-d8	10.443	98	2548609	52.697	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.731	95	1075193	61.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	122.740%

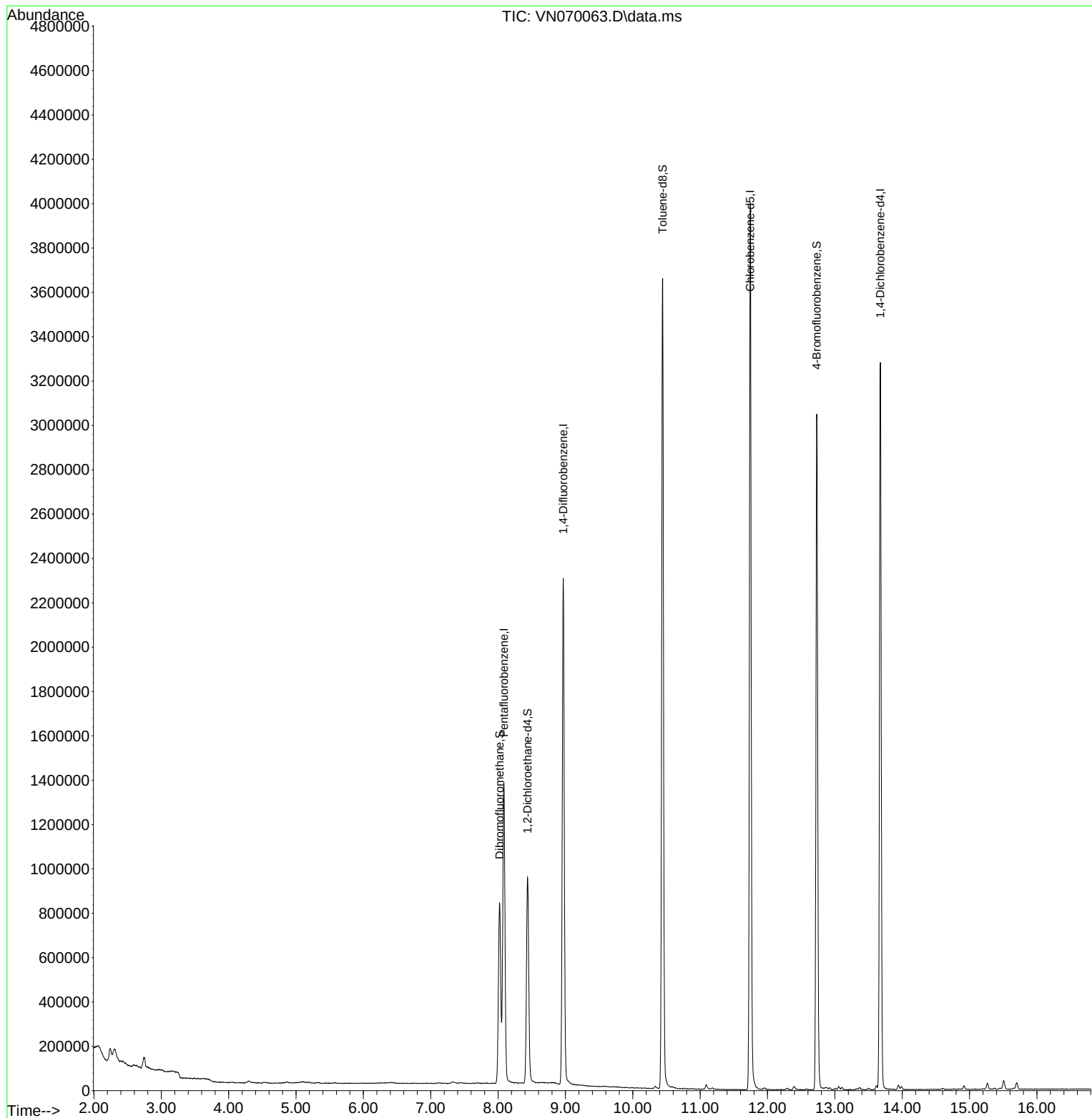
Target Compounds	Qvalue

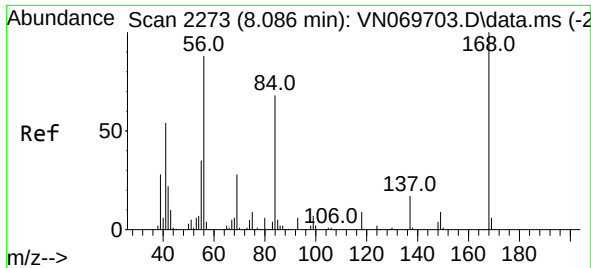
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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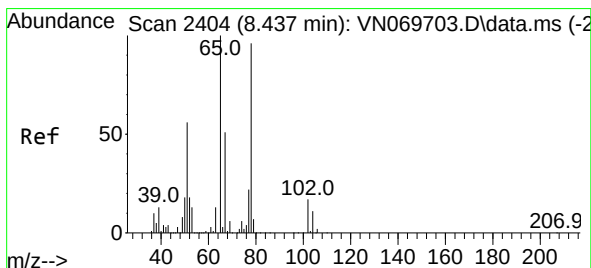
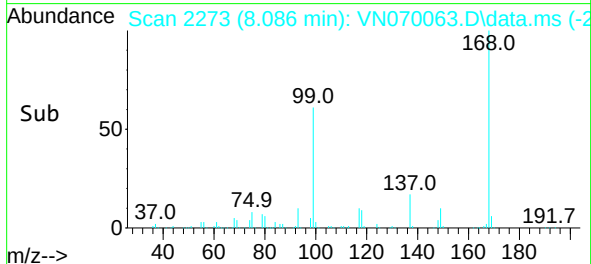
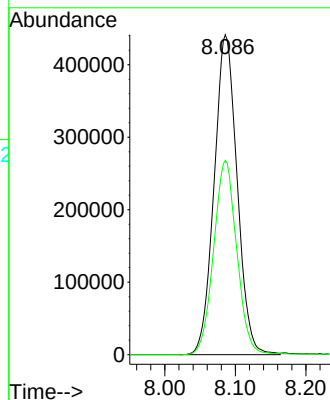
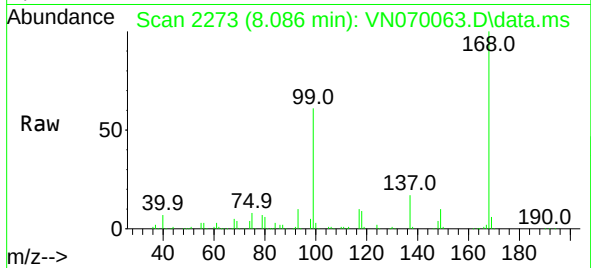




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070063.D
Acq: 14 Dec 2021 10:59

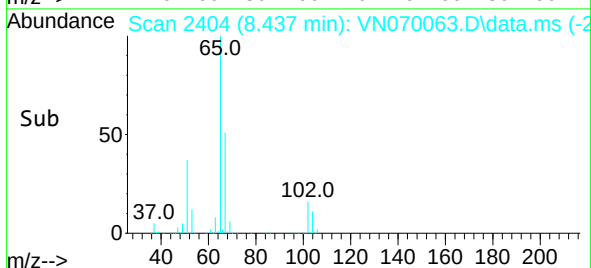
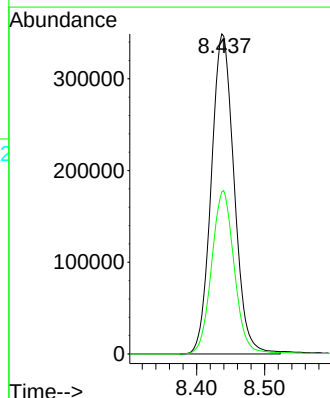
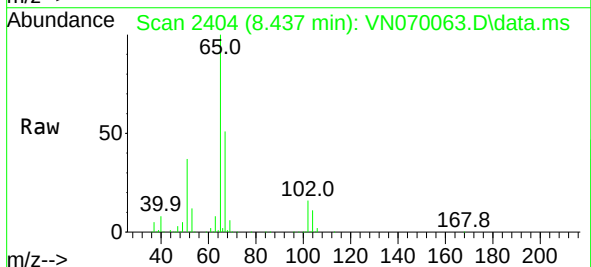
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

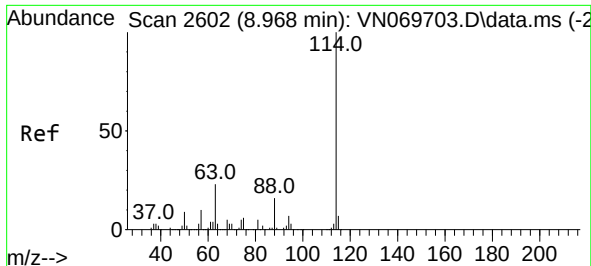
Tgt Ion:168 Resp: 999606
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 52.822 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070063.D
Acq: 14 Dec 2021 10:59

Tgt Ion: 65 Resp: 815244
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

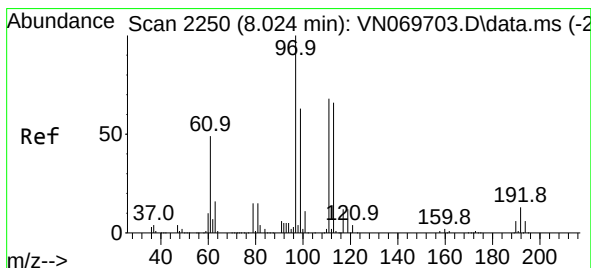
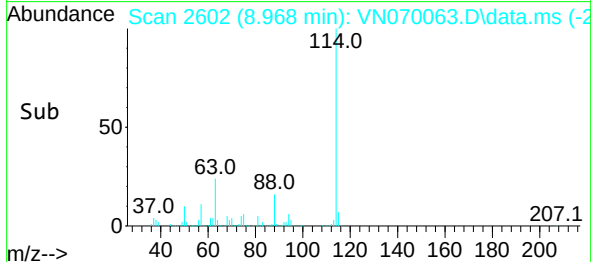
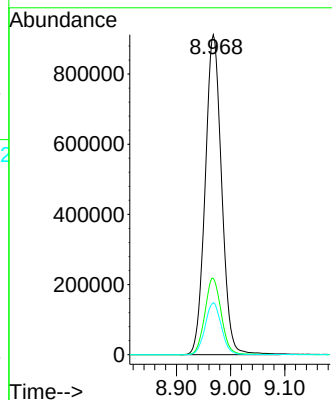
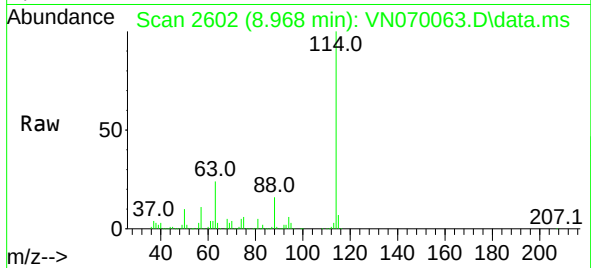




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN070063.D
 Acq: 14 Dec 2021 10:59

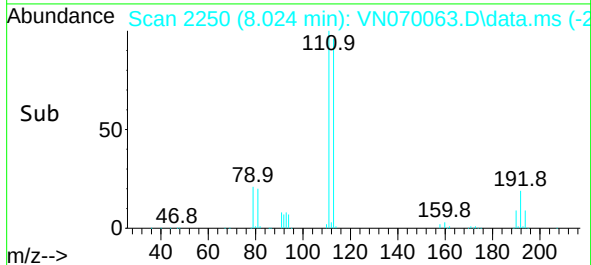
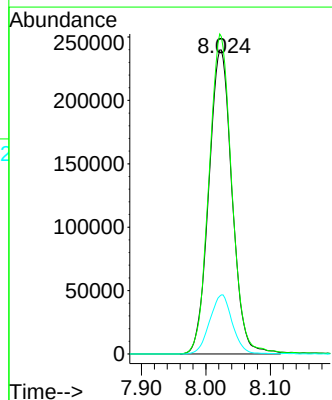
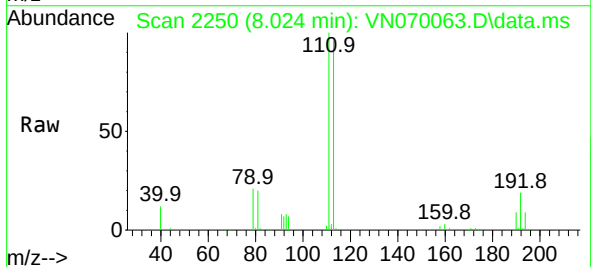
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBL01

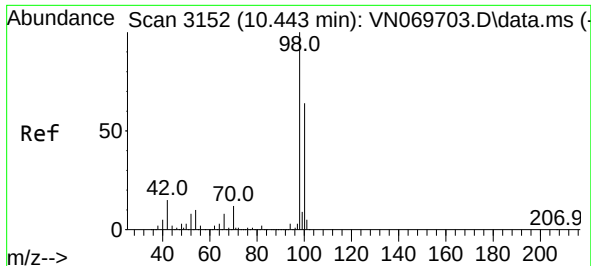
Tgt Ion:114 Resp: 1922916
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 37.8
 88 16.2 0.0 27.4



#35
 Dibromofluoromethane
 Concen: 49.717 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. 0.000 min
 Lab File: VN070063.D
 Acq: 14 Dec 2021 10:59

Tgt Ion:113 Resp: 598826
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.2
 192 19.0 16.9 25.3

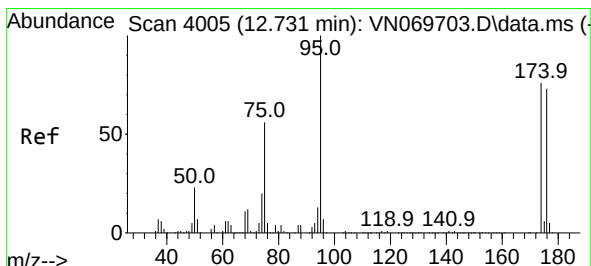
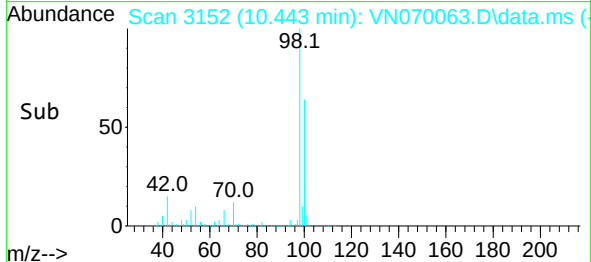
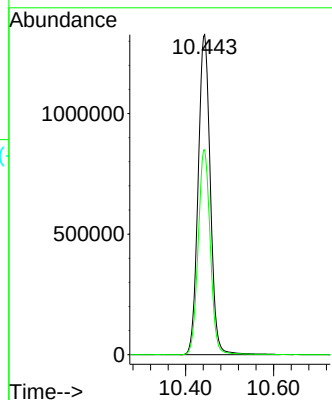
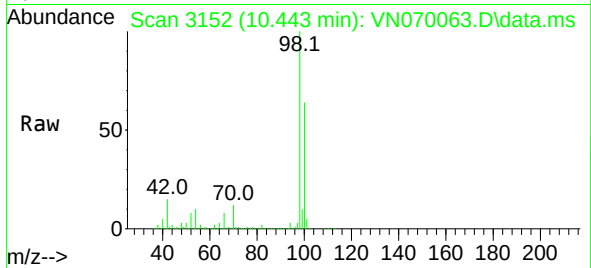




#50
Toluene-d8
Concen: 52.697 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070063.D
Acq: 14 Dec 2021 10:59

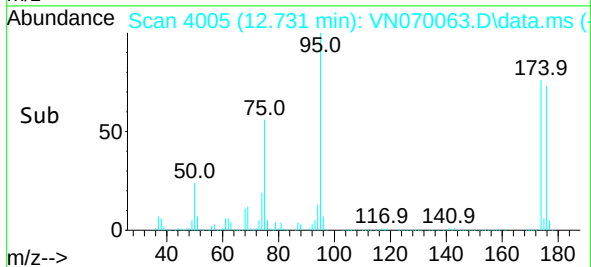
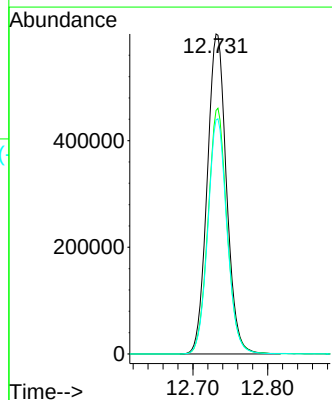
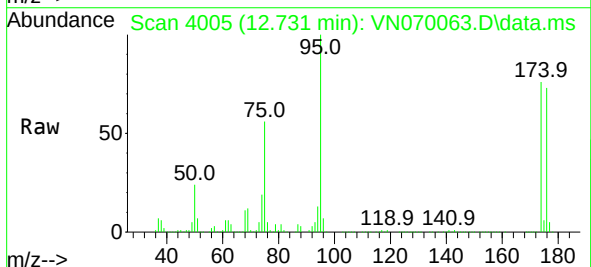
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBL01

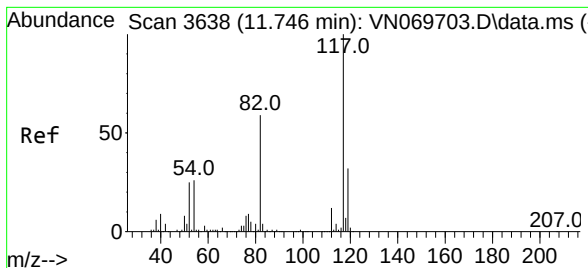
Tgt Ion: 98 Resp: 2548609
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 61.366 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070063.D
Acq: 14 Dec 2021 10:59

Tgt Ion: 95 Resp: 1075193
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.1 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: VN070063.D

Acq: 14 Dec 2021 10:59

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBL01

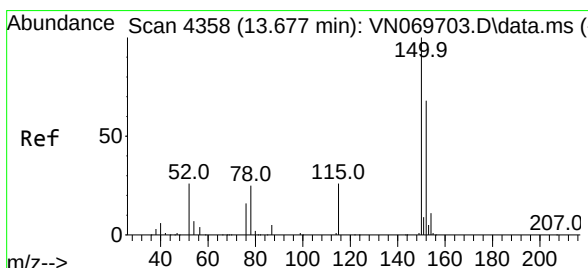
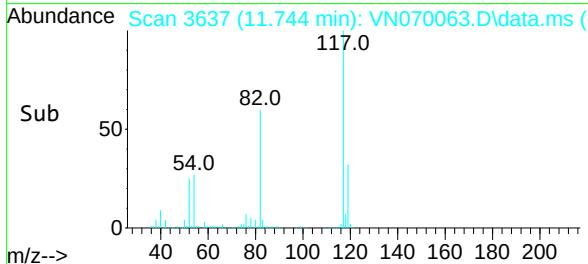
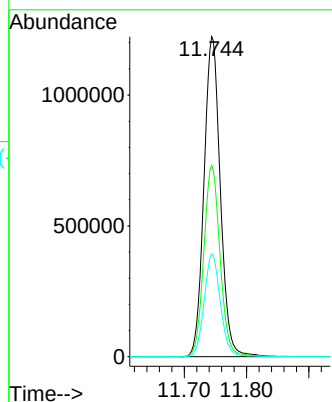
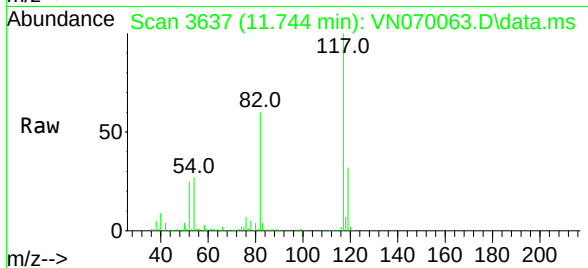
Tgt Ion:117 Resp: 2229704

Ion Ratio Lower Upper

117 100

82 59.8 42.4 63.6

119 32.2 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: VN070063.D

Acq: 14 Dec 2021 10:59

Tgt Ion:152 Resp: 885559

Ion Ratio Lower Upper

152 100

115 60.8 27.5 82.5

150 157.1 0.0 344.4

