

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070258.D
 Acq On : 21 Dec 2021 11:02
 Operator : JC/MD
 Sample : VN1221MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBL01

Quant Time: Dec 21 15:22:58 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	1175643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2205277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2538976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1072201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	898825	49.517	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.040%
35) Dibromofluoromethane	8.021	113	640217	46.348	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.700%
50) Toluene-d8	10.440	98	2888148	52.071	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.731	95	1293732	64.384	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	128.760%

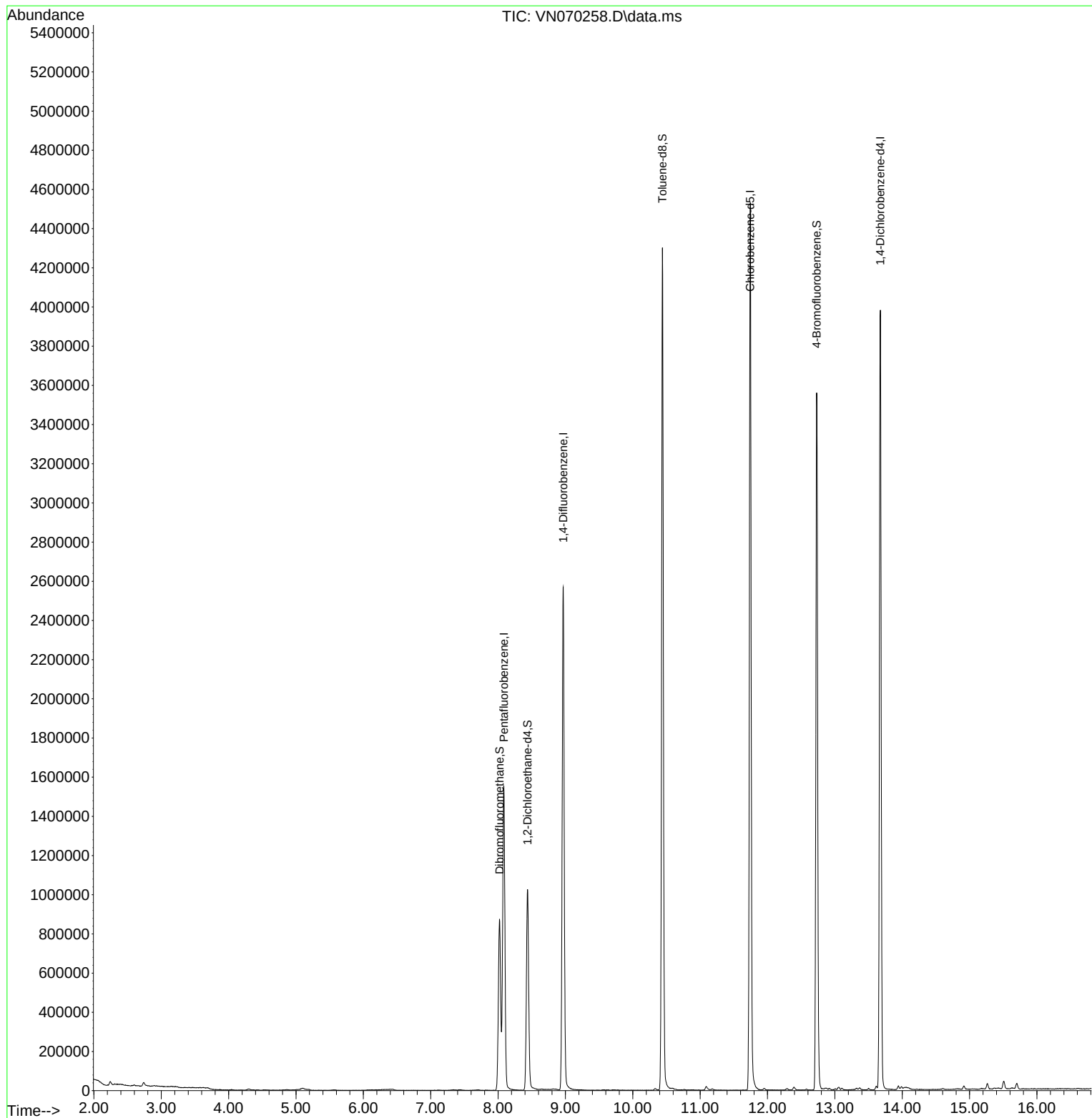
Target Compounds	Qvalue

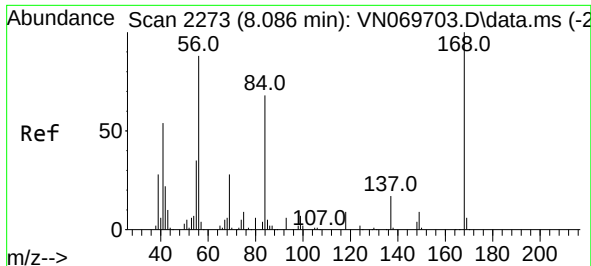
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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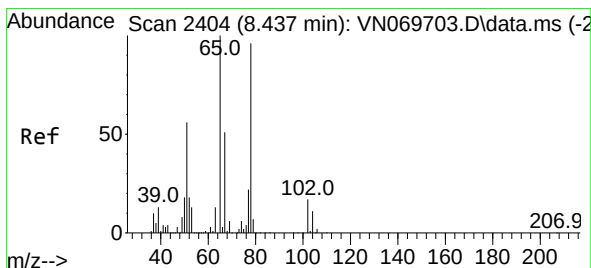
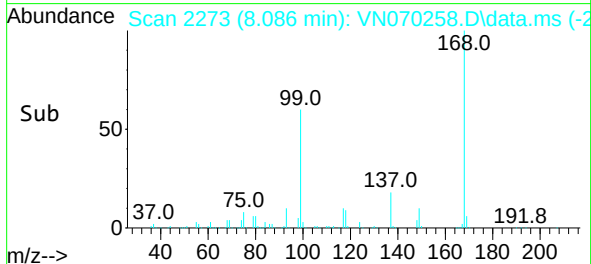
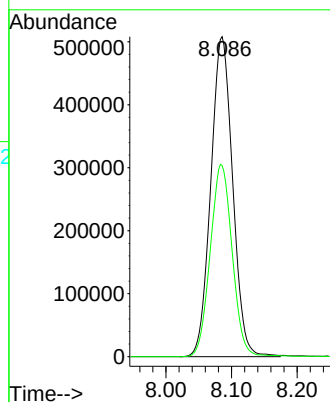
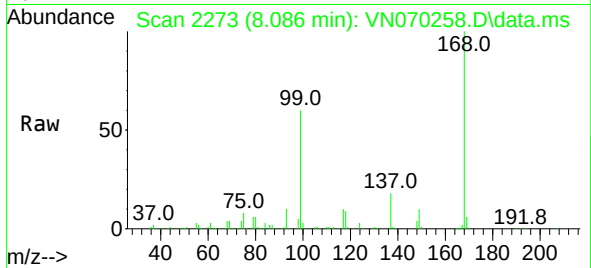




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

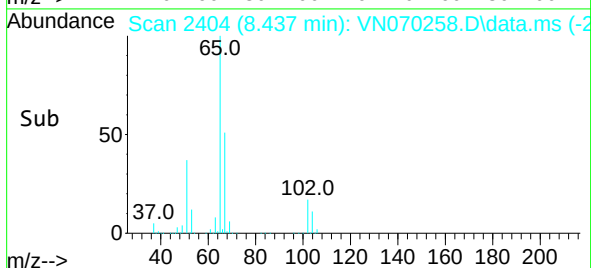
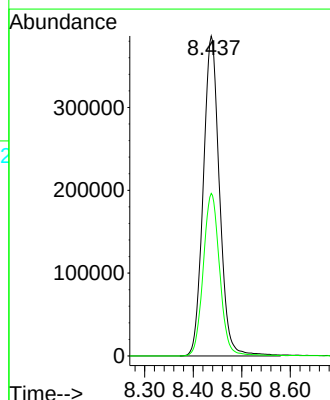
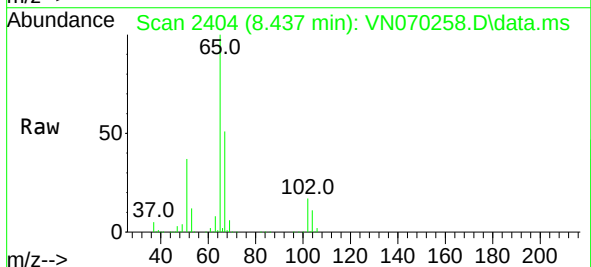
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBL01

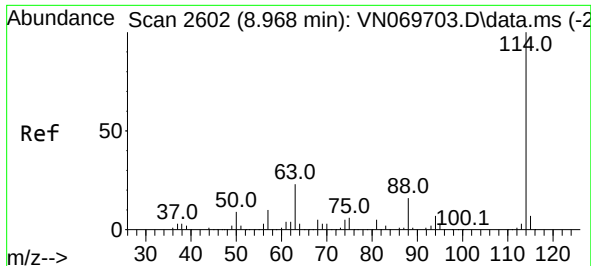
Tgt Ion:168 Resp: 1175643
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 49.517 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Tgt Ion: 65 Resp: 898825
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

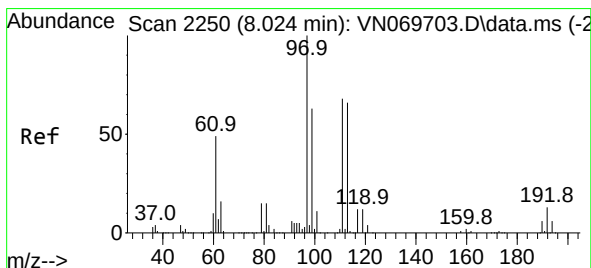
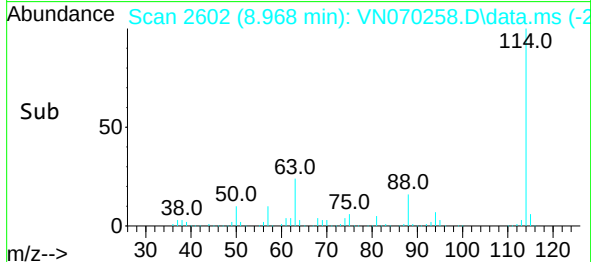
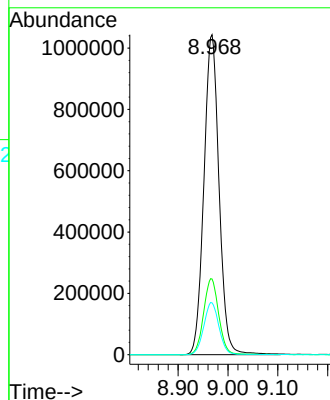
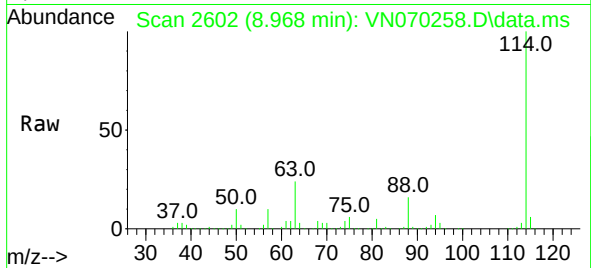




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

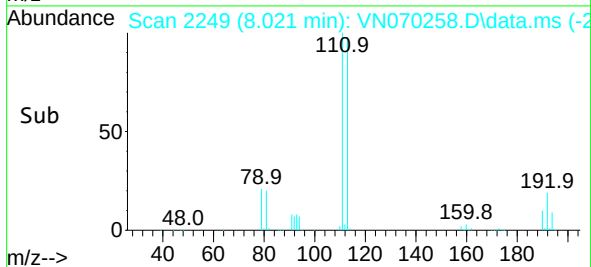
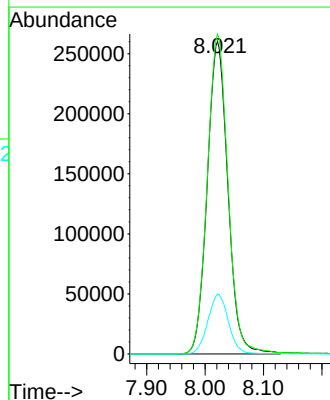
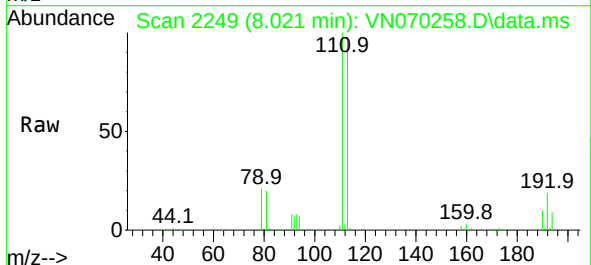
Instrument :
MSVOA_N
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VN1221MBL01

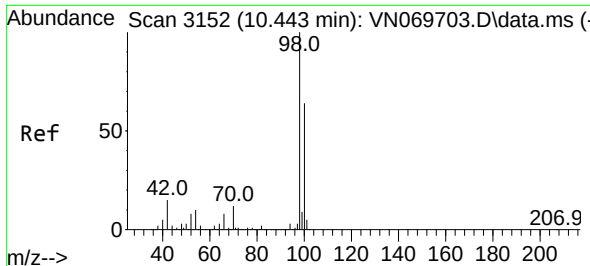
Tgt Ion:114 Resp: 2205277
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.348 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Tgt Ion:113 Resp: 640217
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.1 16.9 25.3

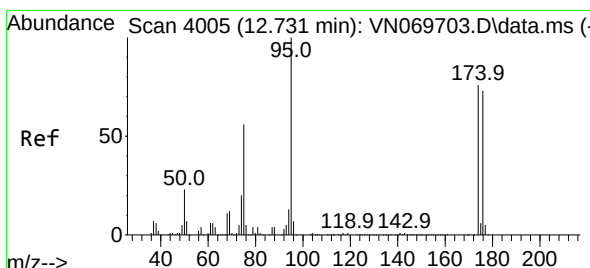
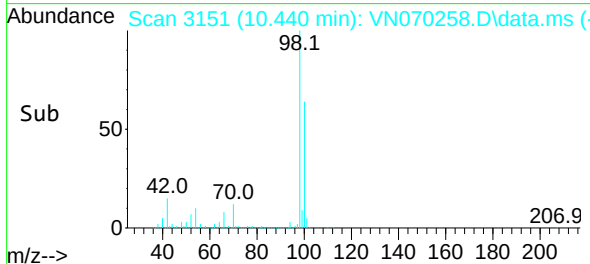
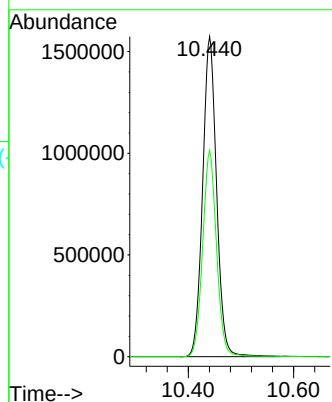
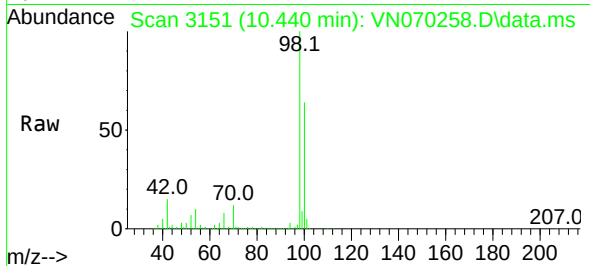




#50
Toluene-d8
Concen: 52.071 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

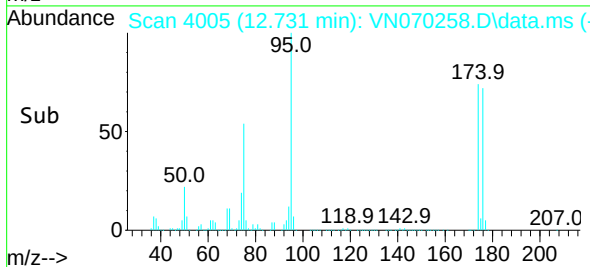
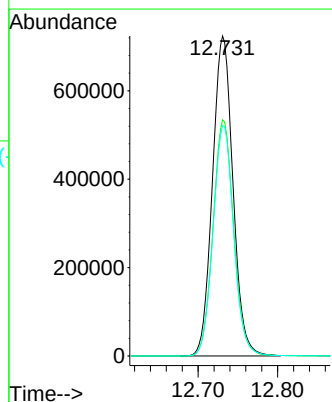
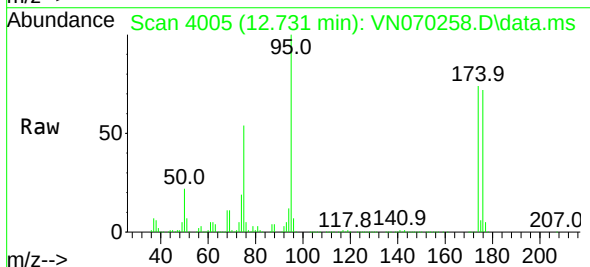
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBL01

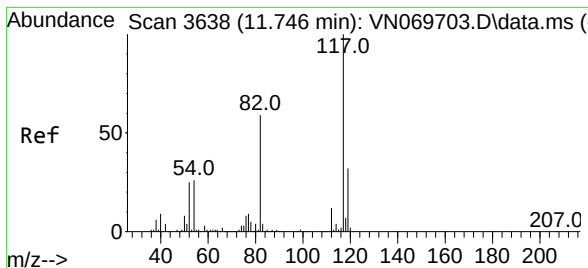
Tgt Ion: 98 Resp: 2888148
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 64.384 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070258.D
Acq: 21 Dec 2021 11:02

Tgt Ion: 95 Resp: 1293732
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.002 min

Lab File: VN070258.D

Acq: 21 Dec 2021 11:02

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBL01

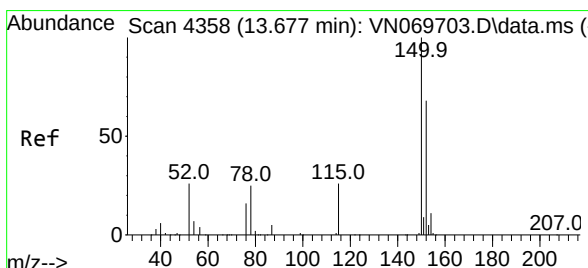
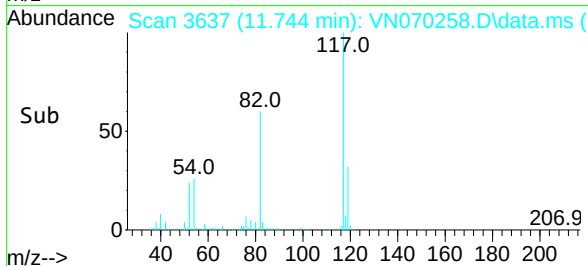
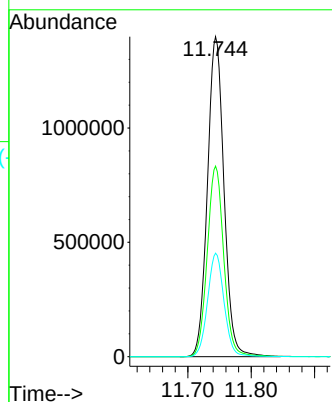
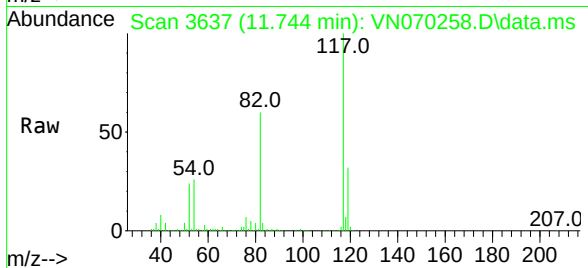
Tgt Ion:117 Resp: 2538976

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 32.3 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: VN070258.D

Acq: 21 Dec 2021 11:02

Tgt Ion:152 Resp: 1072201

Ion Ratio Lower Upper

152 100

115 60.9 27.5 82.5

150 157.7 0.0 344.4

