

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070089.D
 Acq On : 14 Dec 2021 23:30
 Operator : JC/MD
 Sample : VN1214MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBL02

Quant Time: Dec 15 05:25:41 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	1077382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2058082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2373001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	954524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	865834	52.050	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.100%
35) Dibromofluoromethane	8.024	113	595395	46.185	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.380%
50) Toluene-d8	10.440	98	2743355	52.998	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.000%
62) 4-Bromofluorobenzene	12.731	95	1162317	61.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.960%

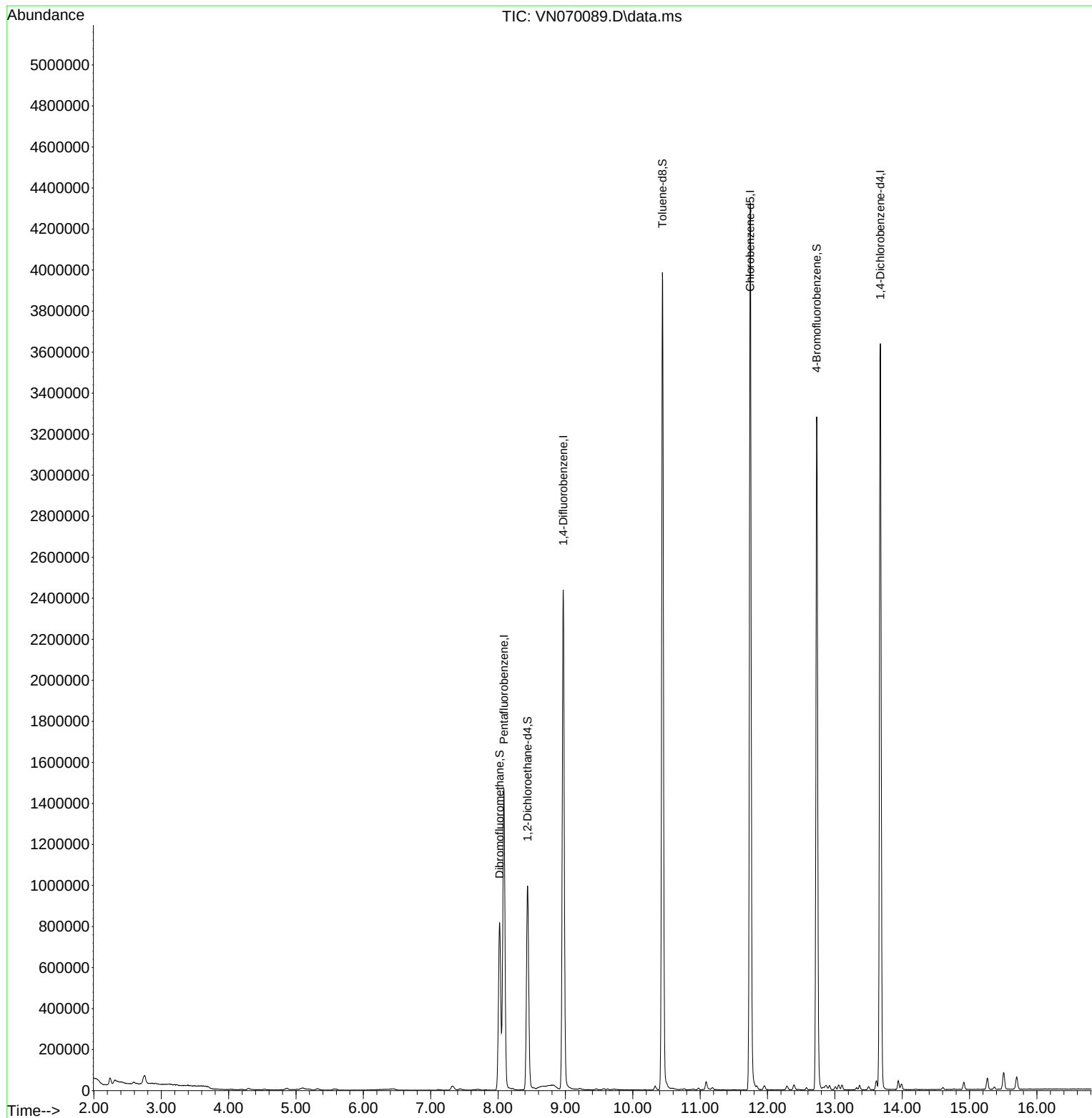
Target Compounds	Qvalue

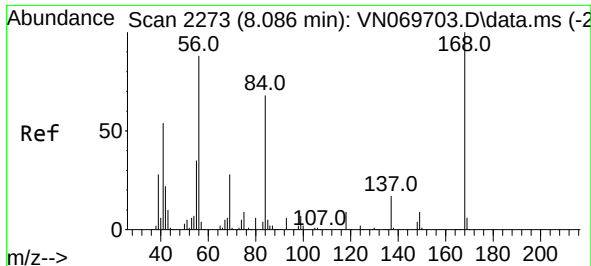
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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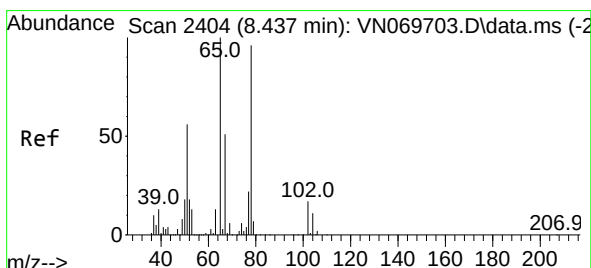
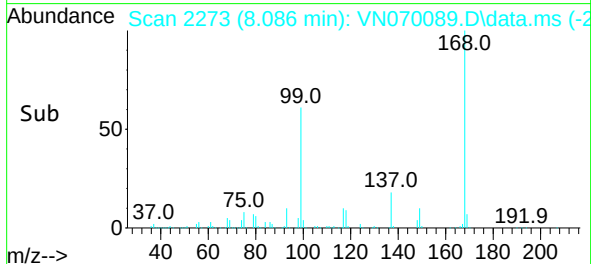
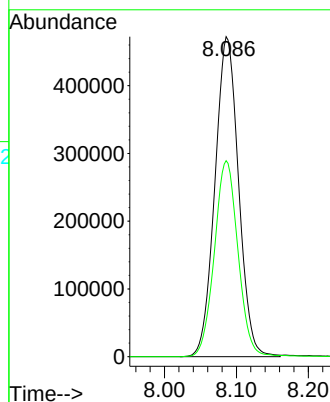
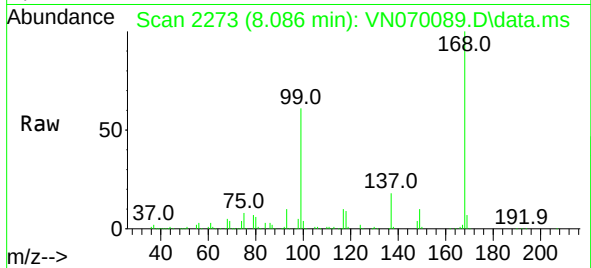




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070089.D
Acq: 14 Dec 2021 23:30

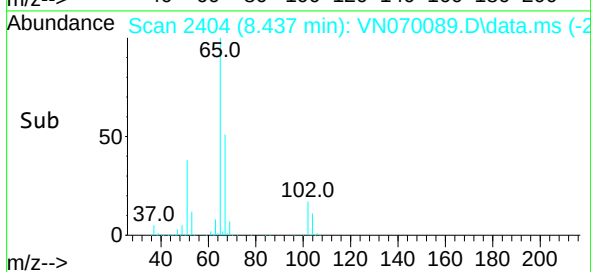
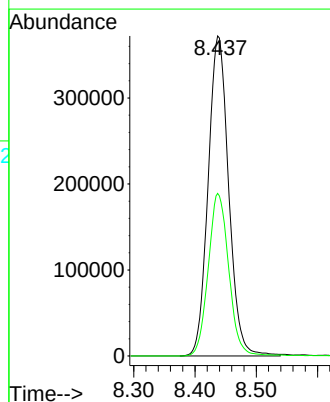
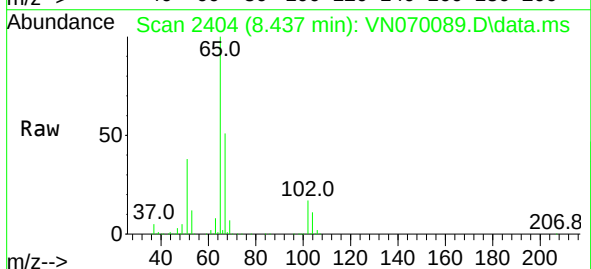
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL02

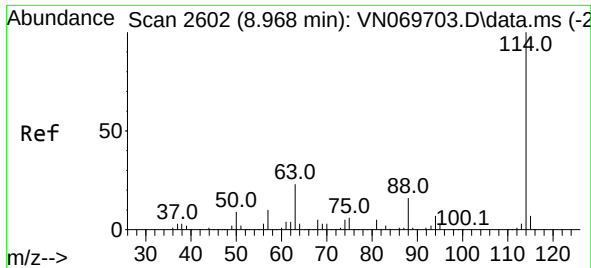
Tgt Ion:168 Resp: 1077382
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 52.050 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070089.D
Acq: 14 Dec 2021 23:30

Tgt Ion: 65 Resp: 865834
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

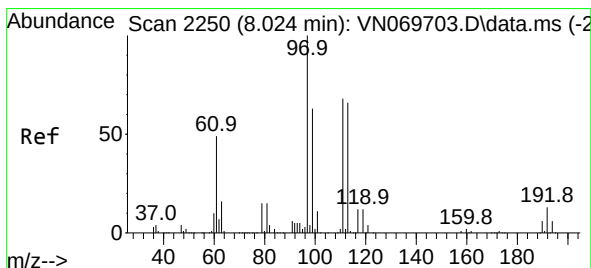
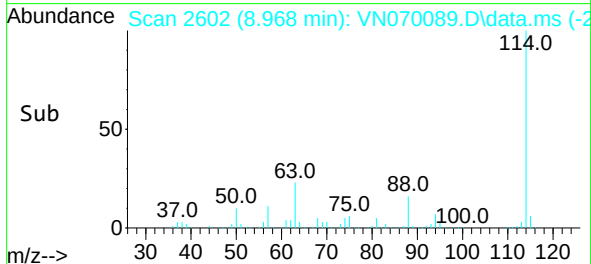
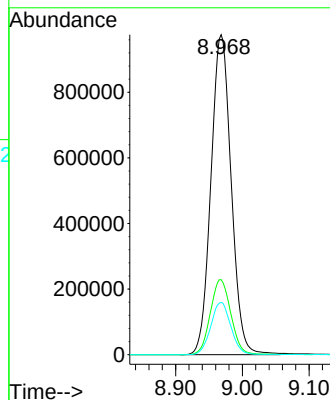
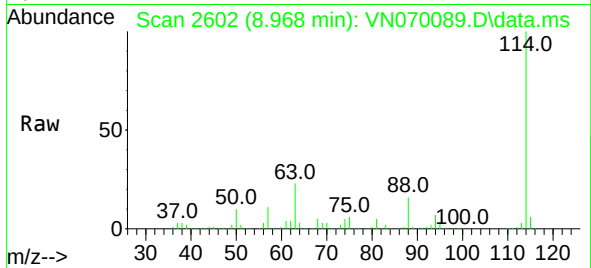




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN070089.D
 Acq: 14 Dec 2021 23:30

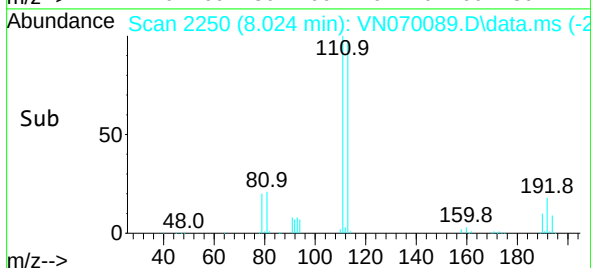
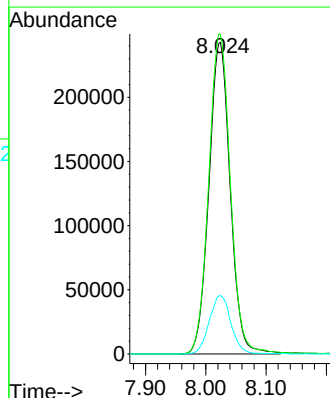
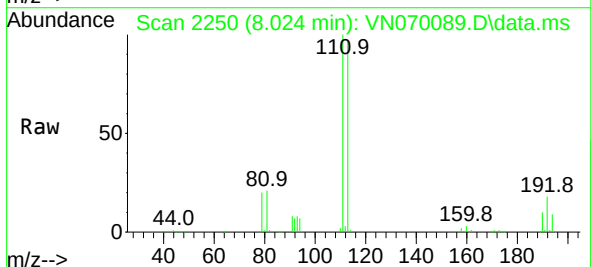
Instrument :
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 VN1214MBL02

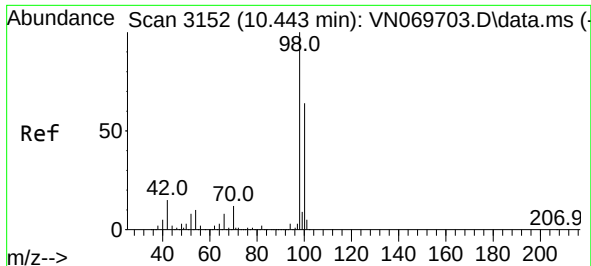
Tgt Ion:114 Resp: 2058082
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.3 0.0 27.4



#35
 Dibromofluoromethane
 Concen: 46.185 ug/l
 RT: 8.024 min Scan# 2250
 Delta R.T. 0.000 min
 Lab File: VN070089.D
 Acq: 14 Dec 2021 23:30

Tgt Ion:113 Resp: 595395
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.2 123.2
 192 19.1 16.9 25.3

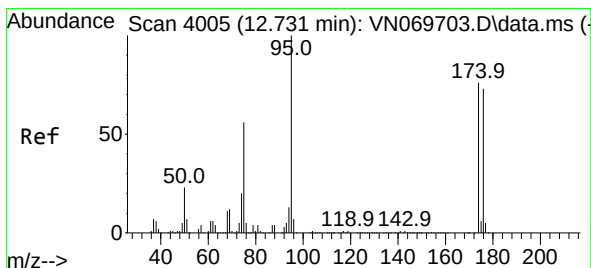
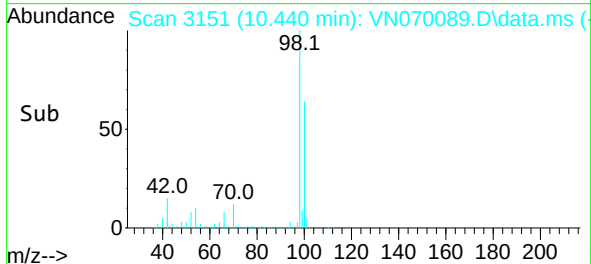
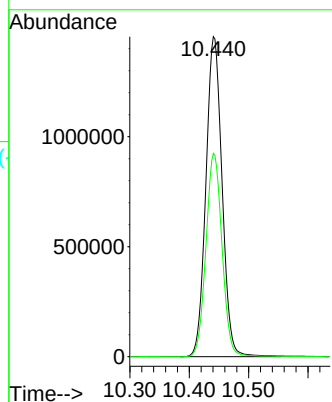
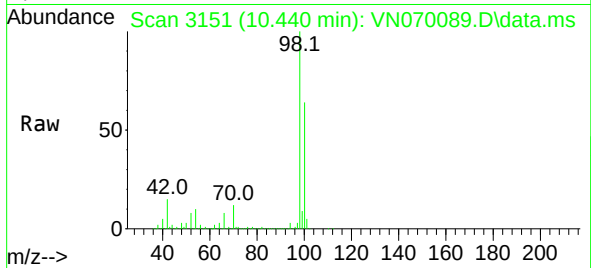




#50
Toluene-d8
Concen: 52.998 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070089.D
Acq: 14 Dec 2021 23:30

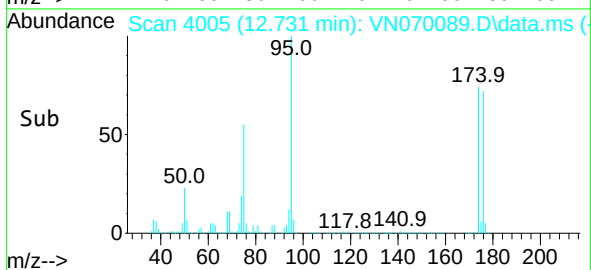
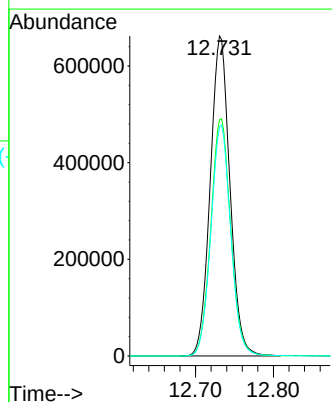
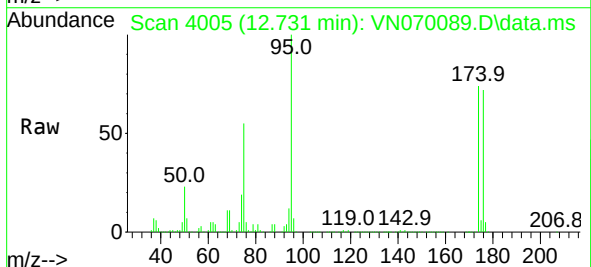
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBL02

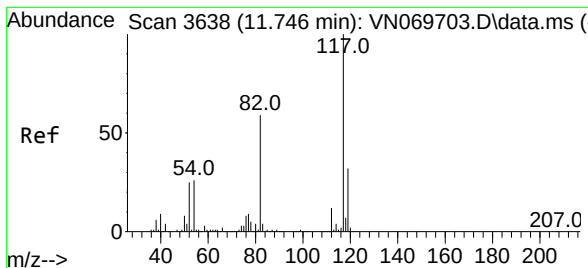
Tgt Ion: 98 Resp: 2743355
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 61.981 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070089.D
Acq: 14 Dec 2021 23:30

Tgt Ion: 95 Resp: 1162317
Ion Ratio Lower Upper
95 100
174 75.2 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: VN070089.D

Acq: 14 Dec 2021 23:30

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBL02

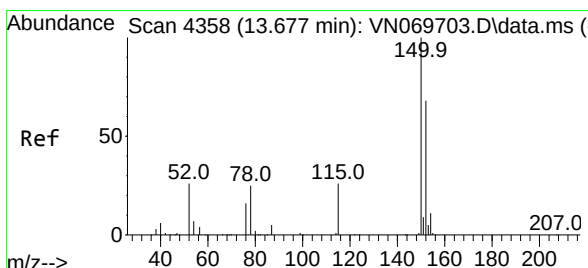
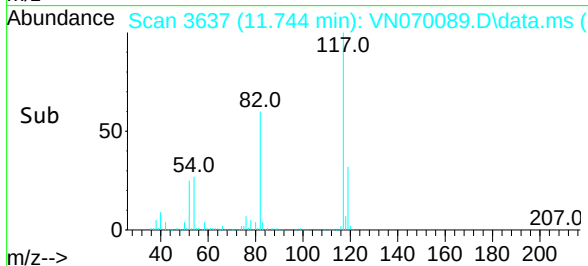
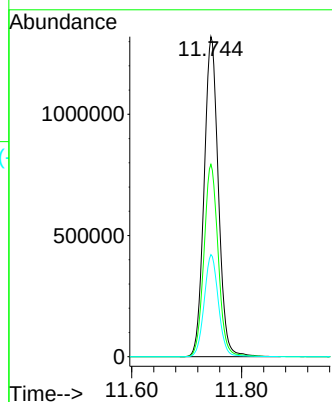
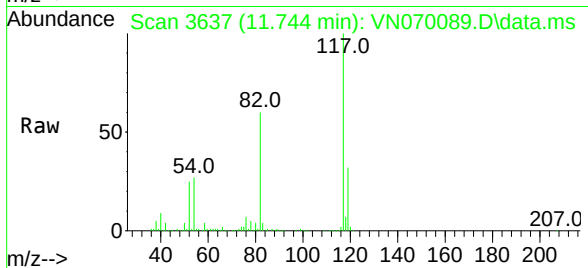
Tgt Ion:117 Resp: 2373001

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 31.9 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: VN070089.D

Acq: 14 Dec 2021 23:30

Tgt Ion:152 Resp: 954524

Ion Ratio Lower Upper

152 100

115 61.7 27.5 82.5

150 158.7 0.0 344.4

