

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070503.D
 Acq On : 5 Jan 2022 21:01
 Operator : JC/MD
 Sample : N1015-04 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20969

Quant Time: Jan 06 13:27:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	880239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1499563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1331963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	433825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	734690	58.050	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.100%
35) Dibromofluoromethane	8.021	113	517487	57.035	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	114.080%
50) Toluene-d8	10.440	98	2006037	54.123	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.240%
62) 4-Bromofluorobenzene	12.731	95	706281	52.759	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.520%

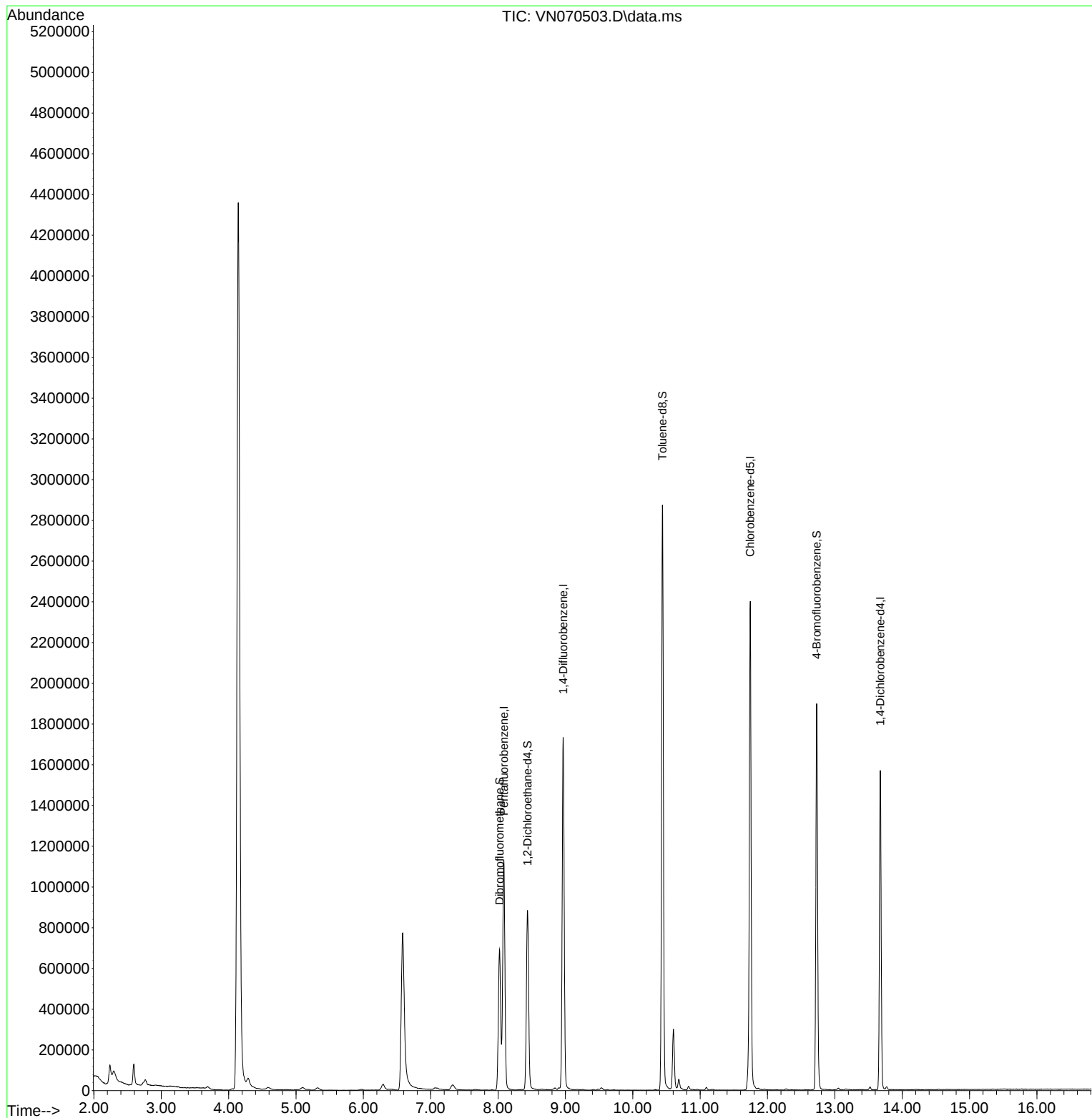
Target Compounds	Qvalue

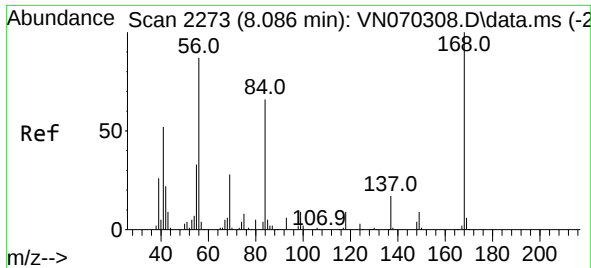
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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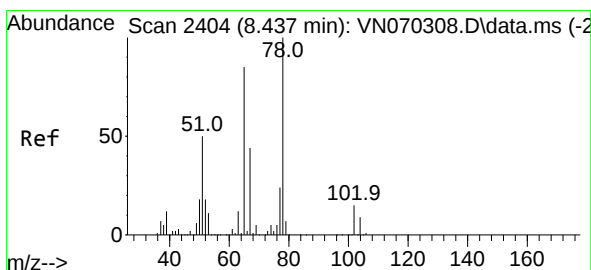
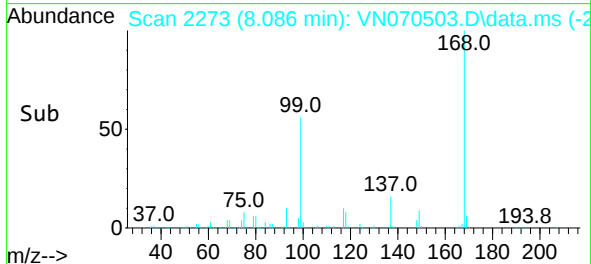
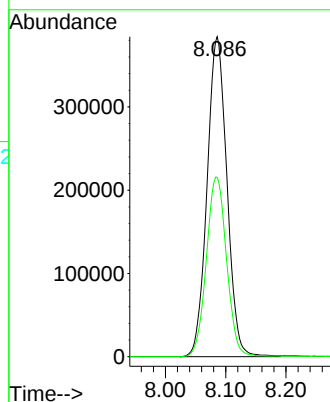
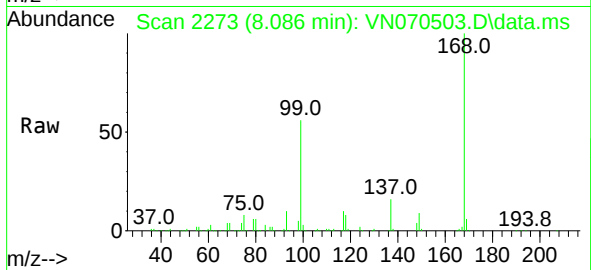




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070503.D
Acq: 5 Jan 2022 21:01

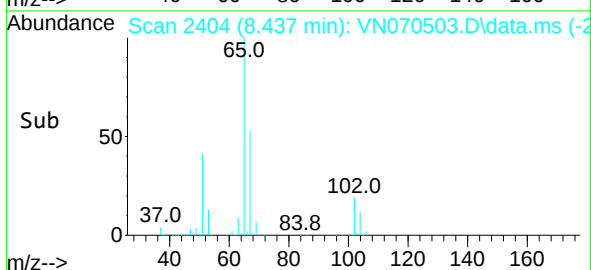
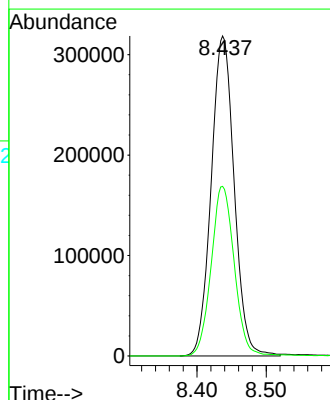
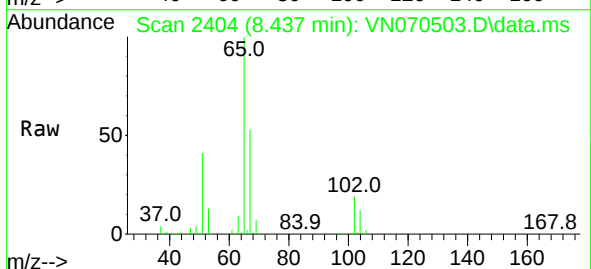
Instrument :
MSVOA_N
ClientSampleId :
20969

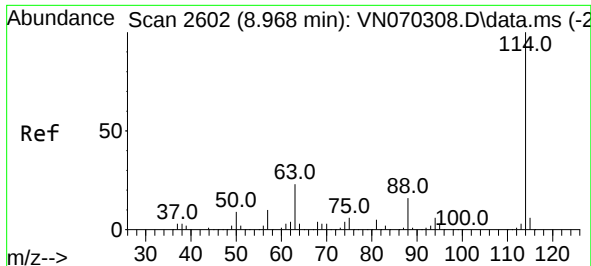
Tgt Ion:168 Resp: 880239
Ion Ratio Lower Upper
168 100
99 56.1 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 58.050 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070503.D
Acq: 5 Jan 2022 21:01

Tgt Ion: 65 Resp: 734690
Ion Ratio Lower Upper
65 100
67 53.2 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: VN070503.D

Acq: 5 Jan 2022 21:01

Instrument :

MSVOA_N

ClientSampleId :

20969

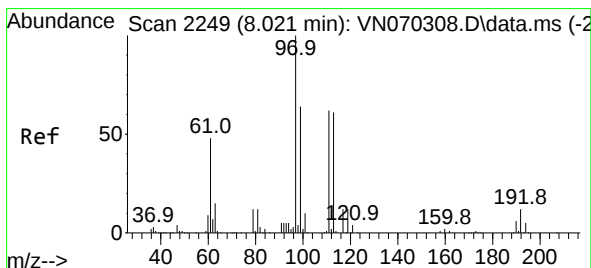
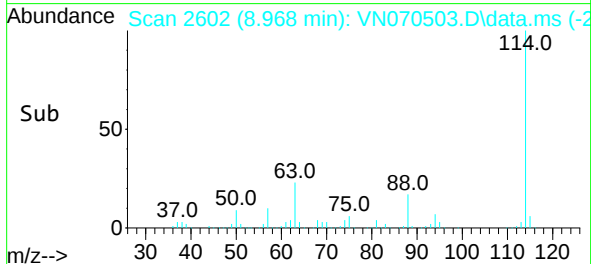
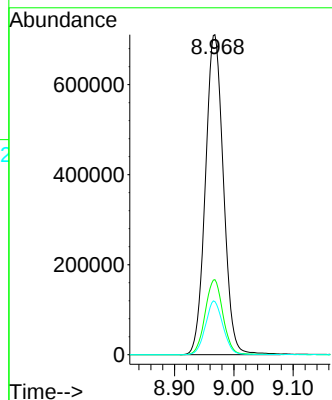
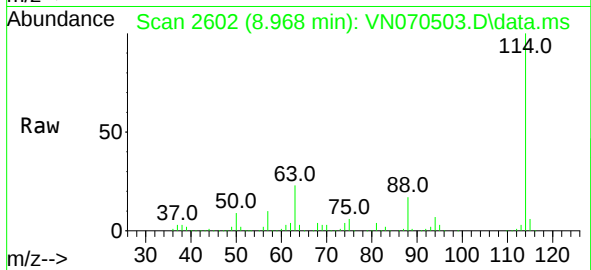
Tgt Ion:114 Resp: 1499563

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 57.035 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070503.D

Acq: 5 Jan 2022 21:01

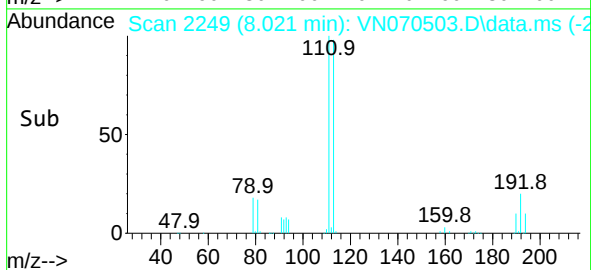
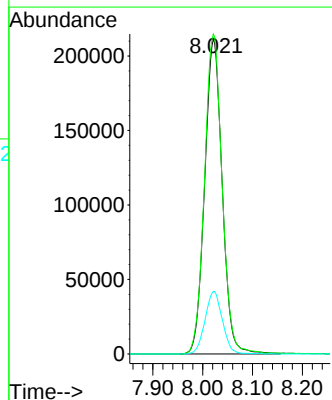
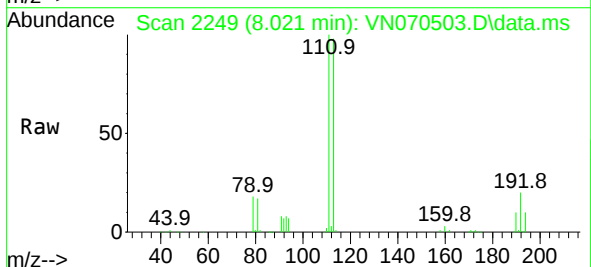
Tgt Ion:113 Resp: 517487

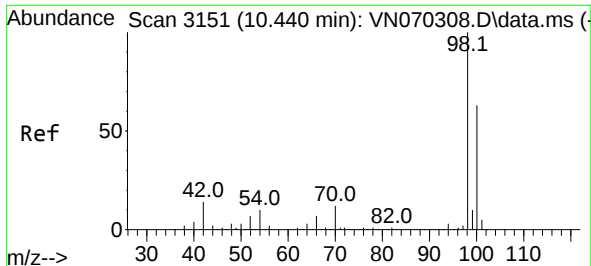
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 19.5 16.9 25.3

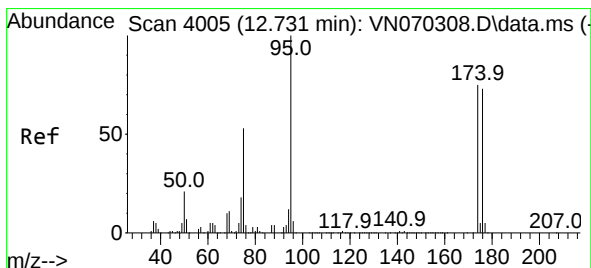
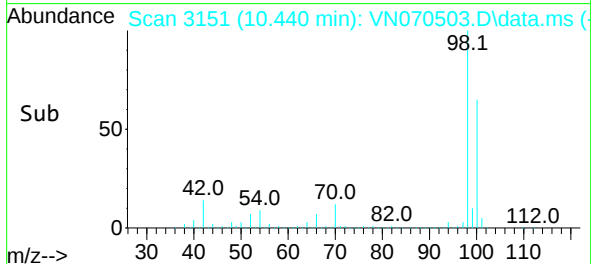
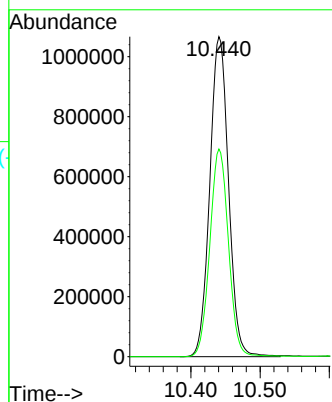
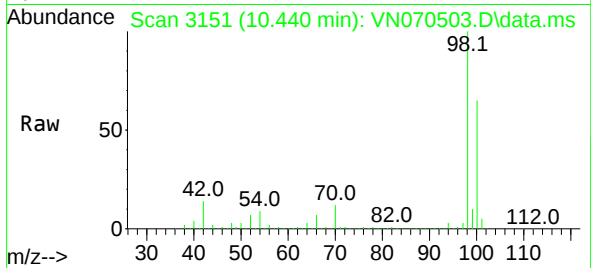




#50
Toluene-d8
Concen: 54.123 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070503.D
Acq: 5 Jan 2022 21:01

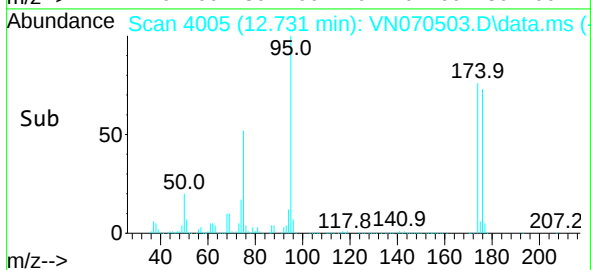
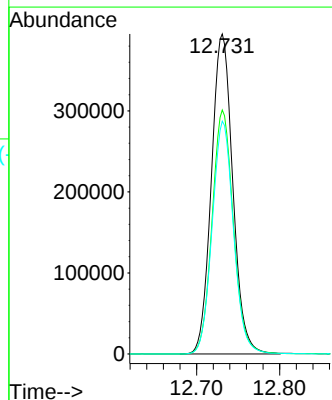
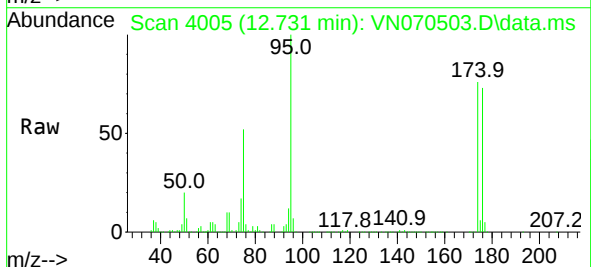
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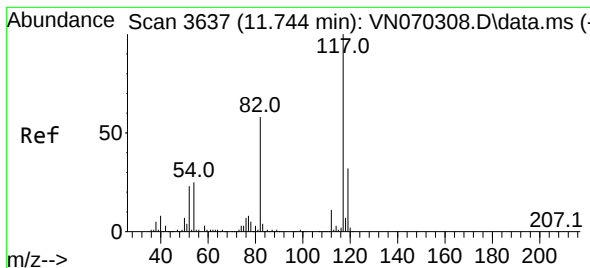
Tgt Ion: 98 Resp: 2006037
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.759 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070503.D
Acq: 5 Jan 2022 21:01

Tgt Ion: 95 Resp: 706281
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 72.7 0.0 181.4

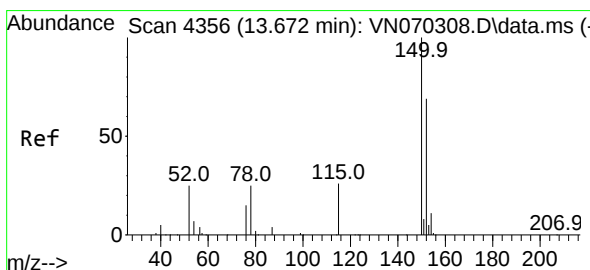
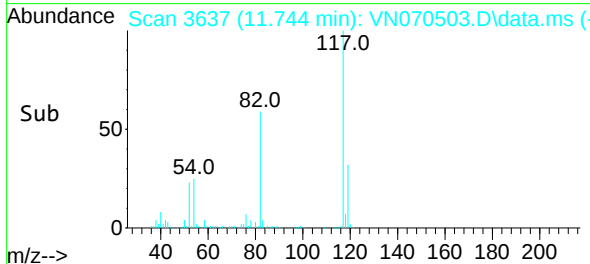
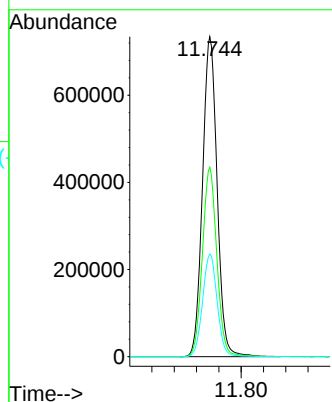
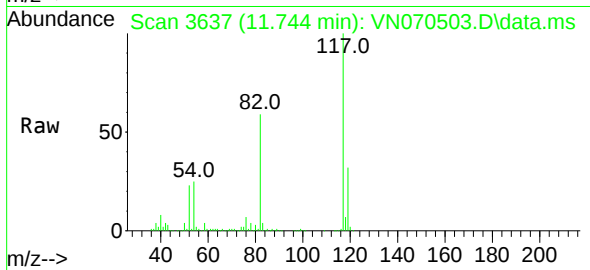




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30969
Delta R.T. -0.000 min
Lab File: VN070503.D
Acq: 5 Jan 2022 21:01

Instrument :
MSVOA_N
ClientSampleId :
20969

Tgt Ion:117 Resp: 1331963
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.1 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: VN070503.D
Acq: 5 Jan 2022 21:01

Tgt Ion:152 Resp: 433825
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 157.2 0.0 344.4

