

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070326.D
 Acq On : 28 Dec 2021 15:42
 Operator : JC/MD
 Sample : VN1228WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1228WBL01

Quant Time: Dec 28 17:19:40 2021
 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	1200653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1968280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1741342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	578043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	981686	56.866	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.740%
35) Dibromofluoromethane	8.021	113	699234	58.714	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	117.420%
50) Toluene-d8	10.443	98	2704730	55.596	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.200%
62) 4-Bromofluorobenzene	12.731	95	921897	52.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.940%

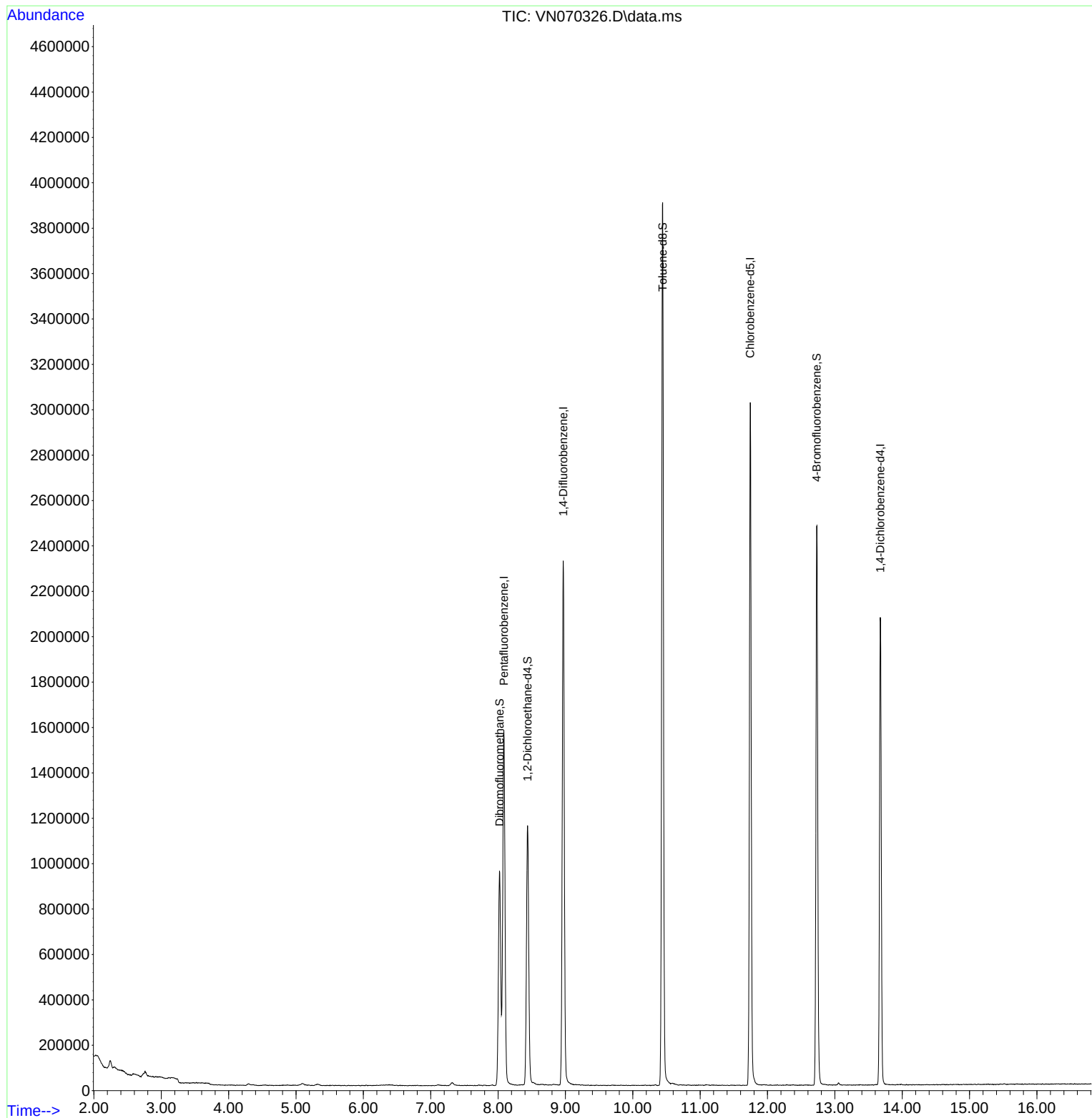
Target Compounds	Qvalue

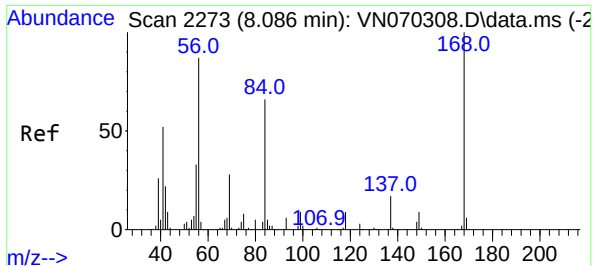
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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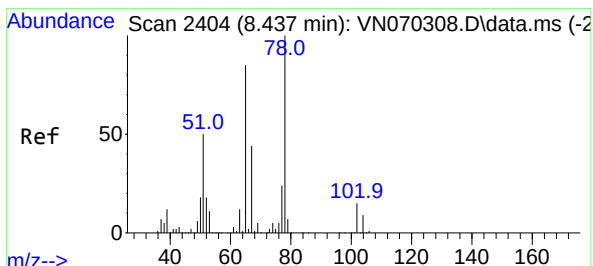
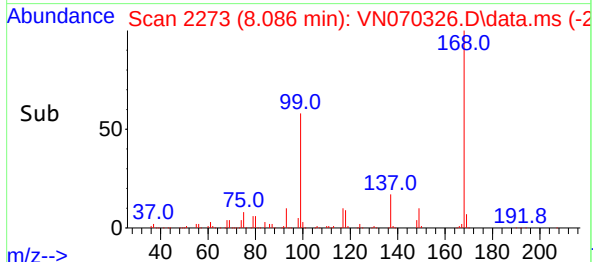
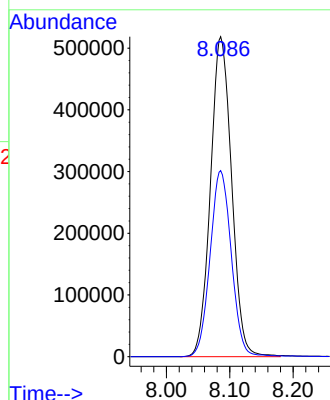
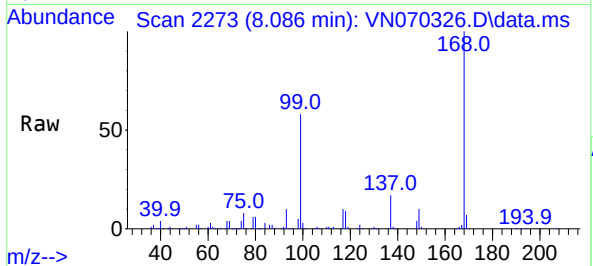




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

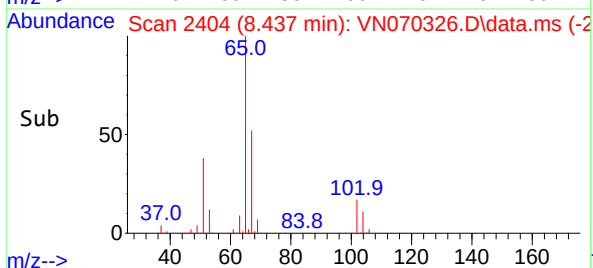
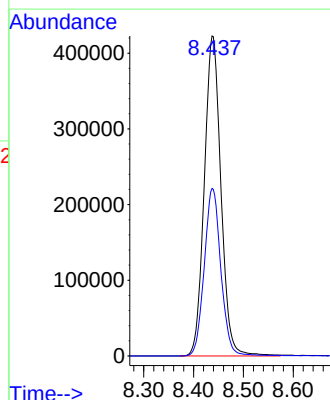
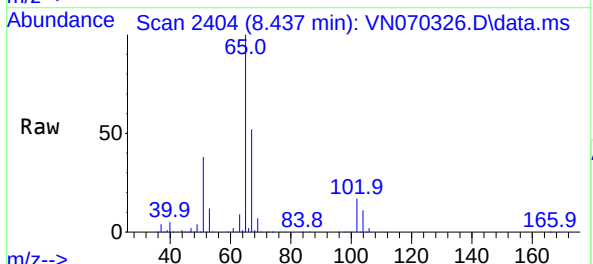
Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01

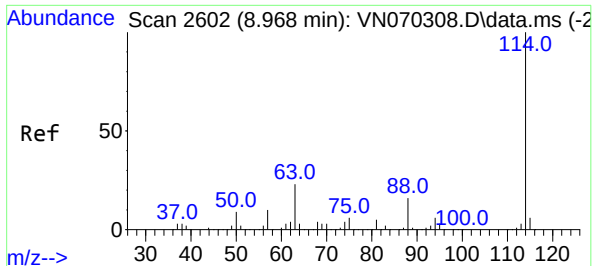
Tgt Ion:168 Resp: 1200653
Ion Ratio Lower Upper
168 100
99 58.1 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 56.866 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Tgt Ion: 65 Resp: 981686
Ion Ratio Lower Upper
65 100
67 52.2 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: VN070326.D

Acq: 28 Dec 2021 15:42

Instrument :

MSVOA_N

ClientSampleId :

VN1228WBL01

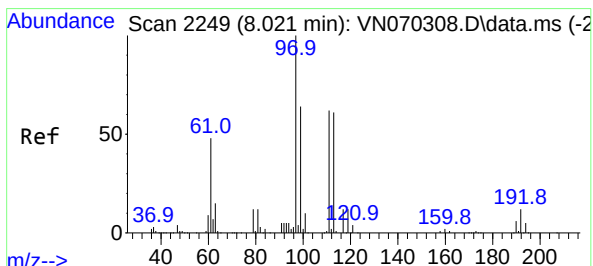
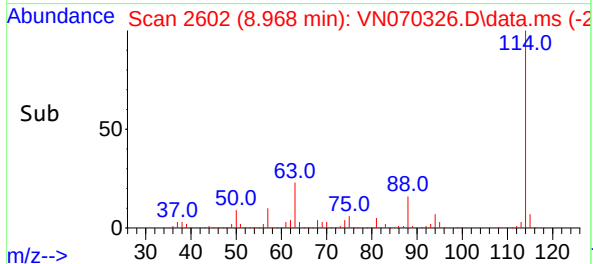
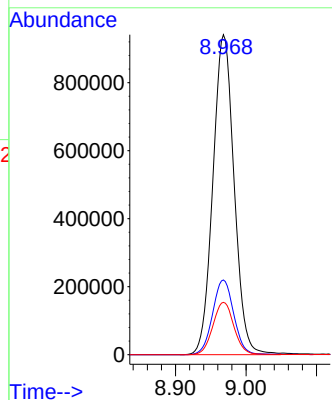
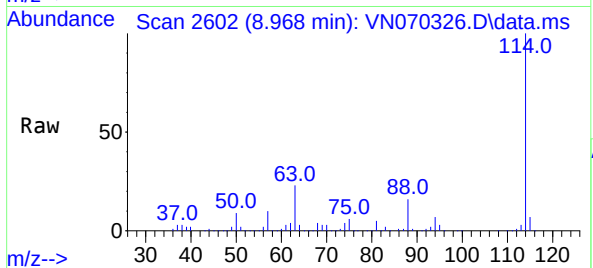
Tgt Ion:114 Resp: 1968280

Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.3 0.0 27.4



#35

Dibromofluoromethane

Concen: 58.714 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070326.D

Acq: 28 Dec 2021 15:42

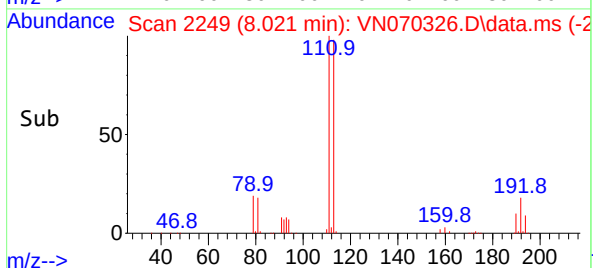
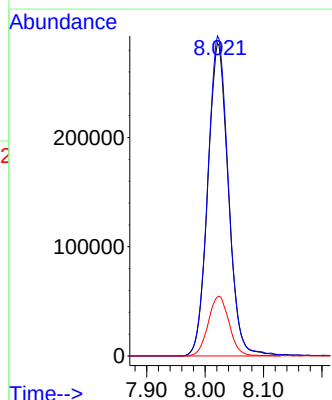
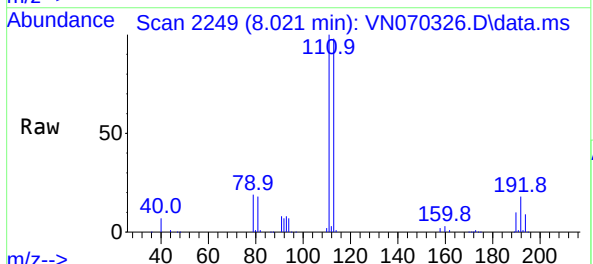
Tgt Ion:113 Resp: 699234

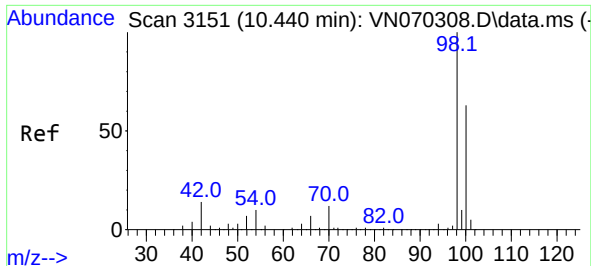
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

192 19.4 16.9 25.3

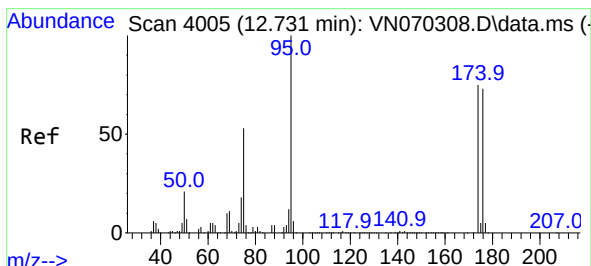
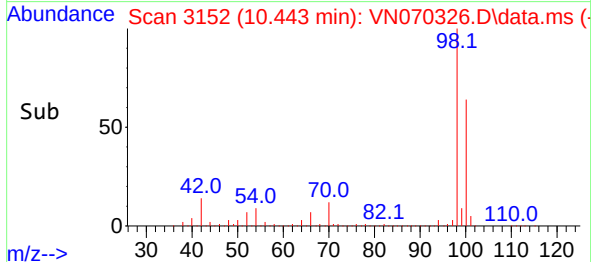
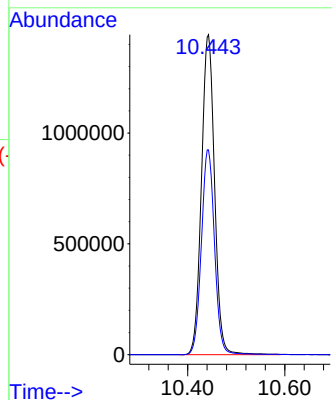
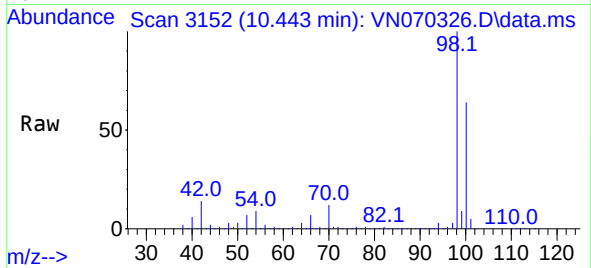




#50
Toluene-d8
Concen: 55.596 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

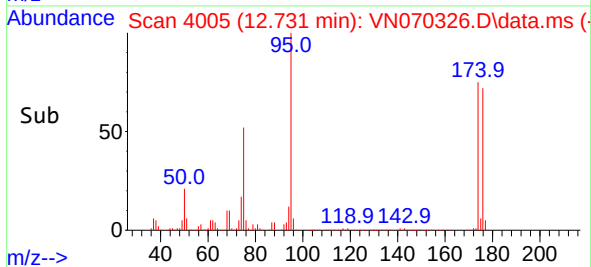
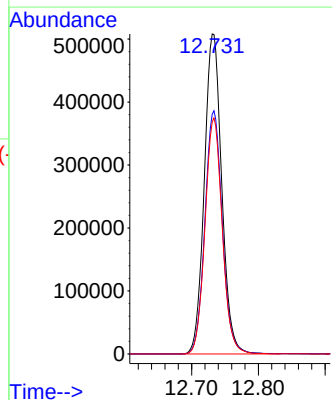
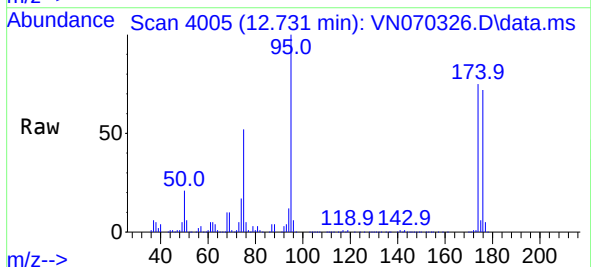
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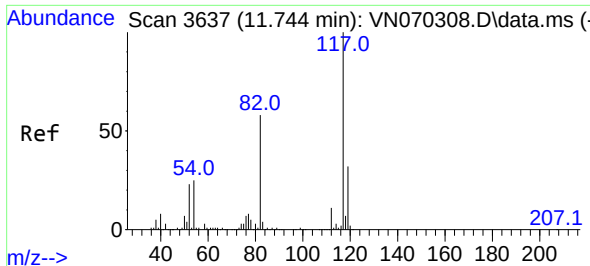
Tgt Ion: 98 Resp: 2704730
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.466 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

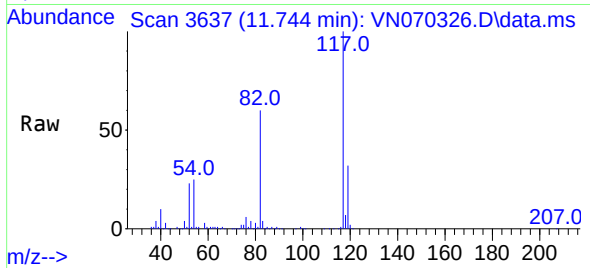
Tgt Ion: 95 Resp: 921897
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.0 0.0 181.4



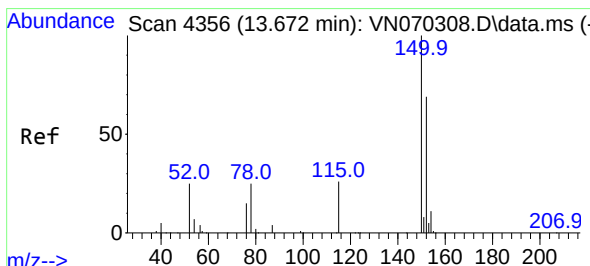
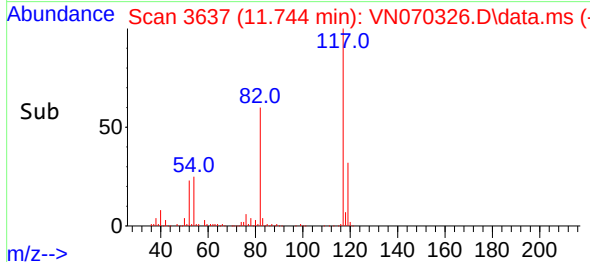
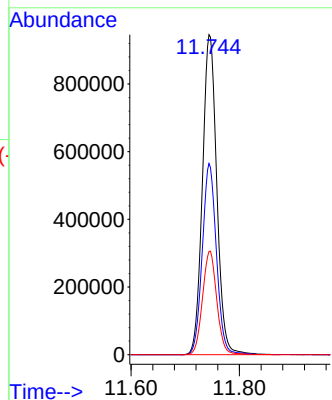


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Instrument :
MSVOA_N
ClientSampleId :
VN1228WBL01



Tgt Ion:117 Resp: 1741342
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. 0.003 min
Lab File: VN070326.D
Acq: 28 Dec 2021 15:42

Tgt Ion:152 Resp: 578043
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 156.7 0.0 344.4

