

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012522\
 Data File : VN070774.D
 Acq On : 25 Jan 2022 15:14
 Operator : JC/MD
 Sample : N1250-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jan 26 00:49:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	837506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1340056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1187718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	420381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	577018	48.074	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.140%
35) Dibromofluoromethane	8.021	113	392514	47.220	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.440%
50) Toluene-d8	10.440	98	1648205	47.067	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.731	95	580810	46.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.100%

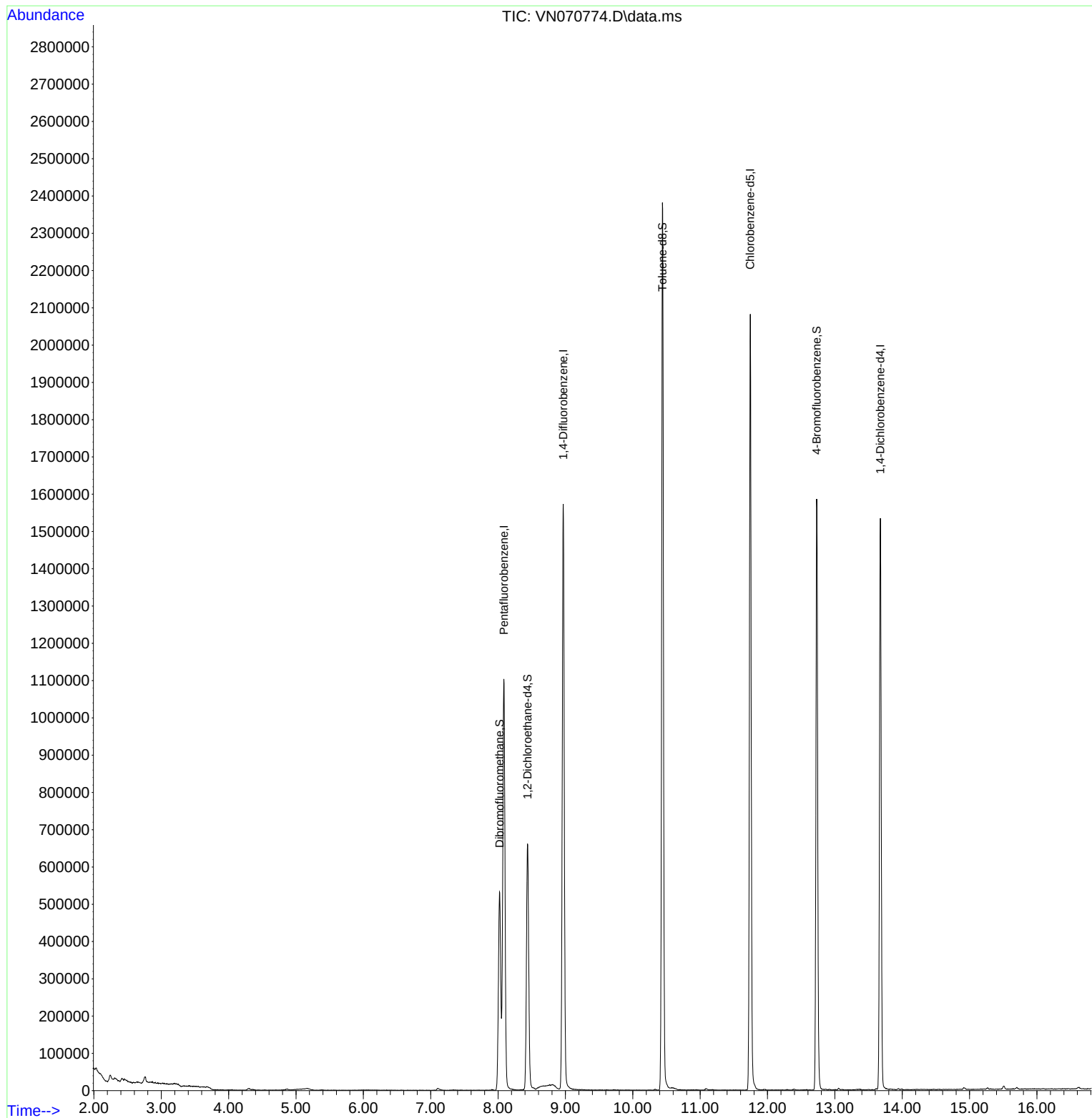
Target Compounds	Qvalue

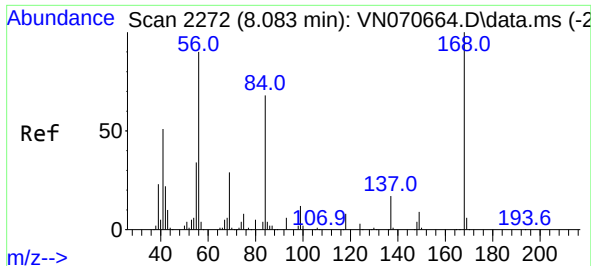
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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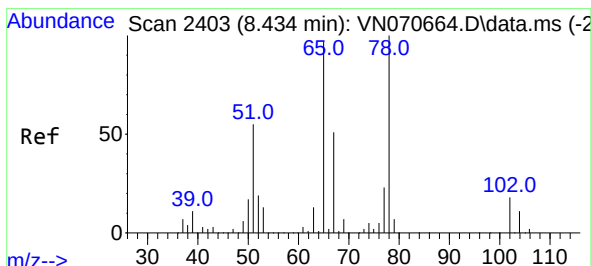
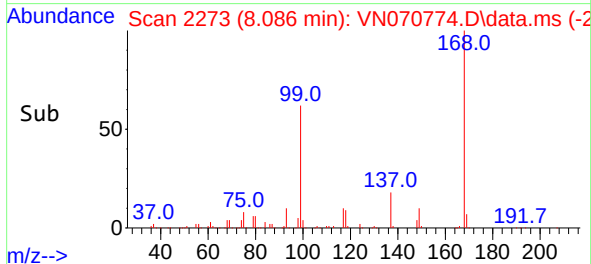
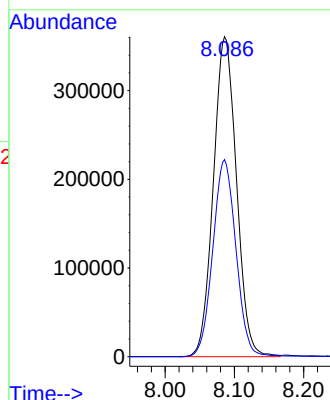
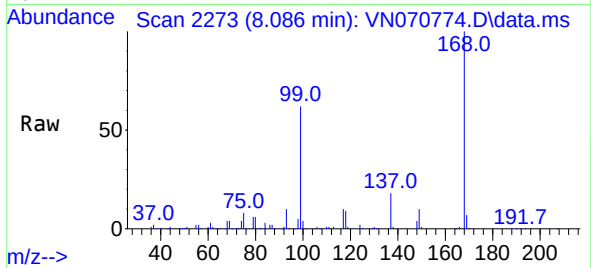




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

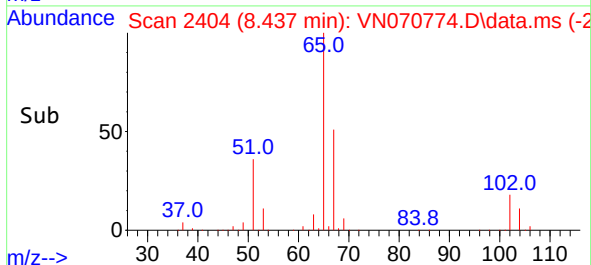
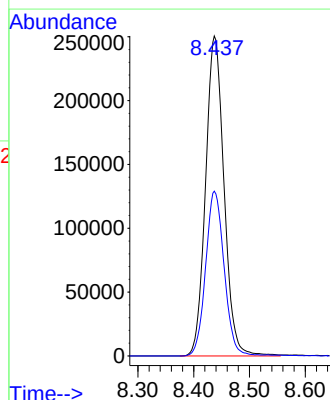
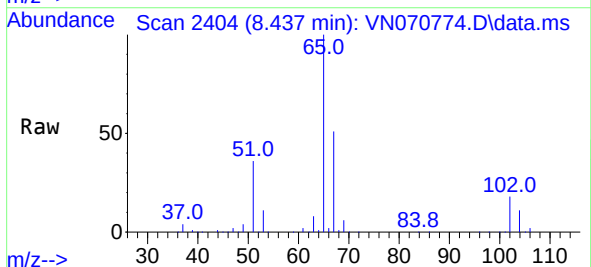
Instrument :
MSVOA_N
ClientSampleId :
MW-2

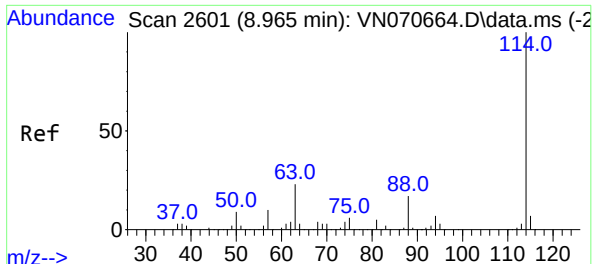
Tgt Ion:168 Resp: 837506
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 48.074 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 65 Resp: 577018
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070774.D

Acq: 25 Jan 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

MW-2

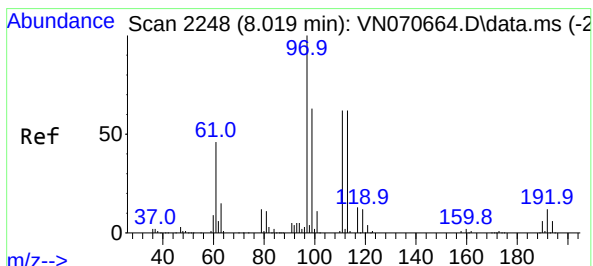
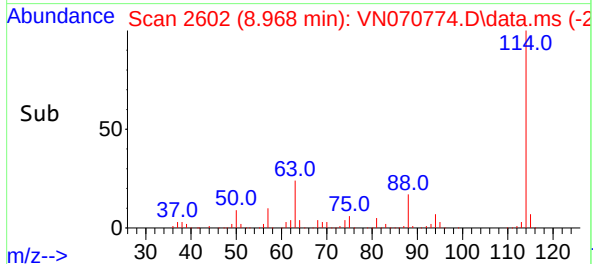
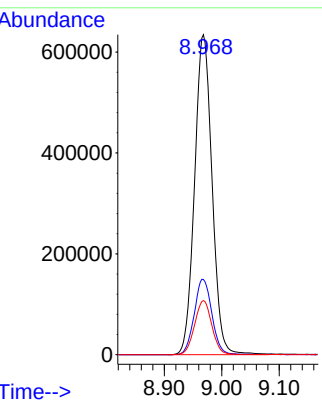
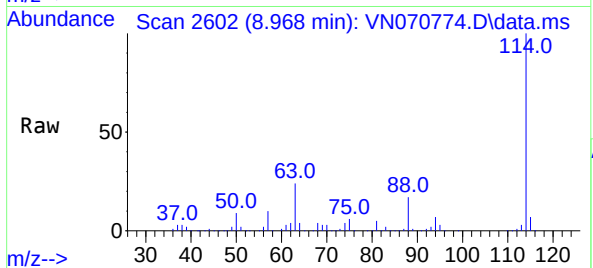
Tgt Ion:114 Resp: 1340056

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.220 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070774.D

Acq: 25 Jan 2022 15:14

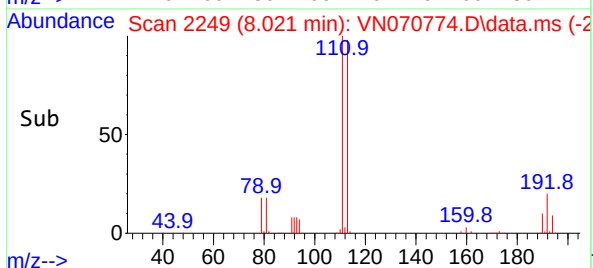
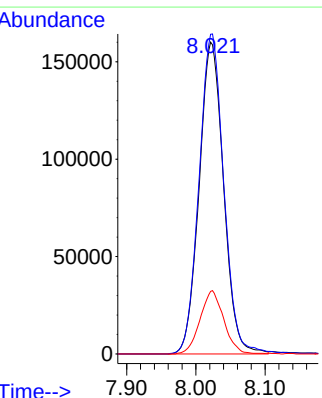
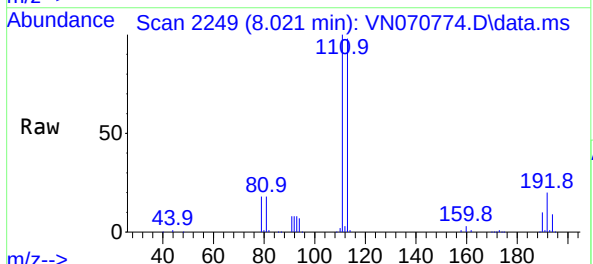
Tgt Ion:113 Resp: 392514

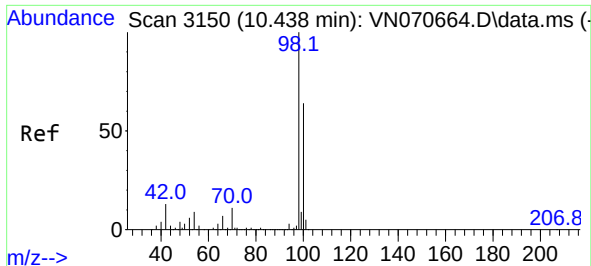
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

192 19.7 16.9 25.3

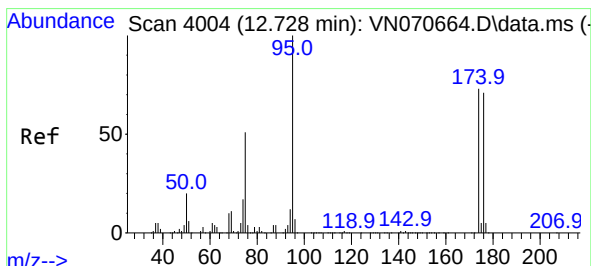
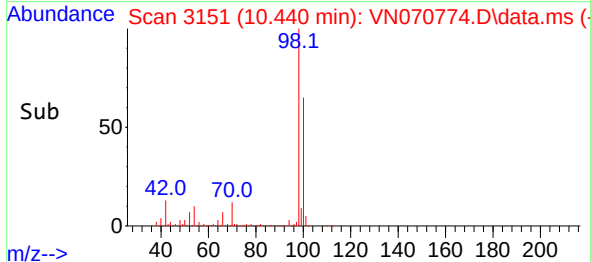
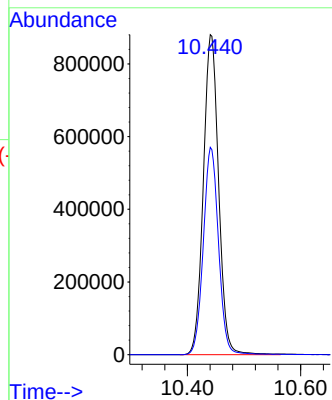
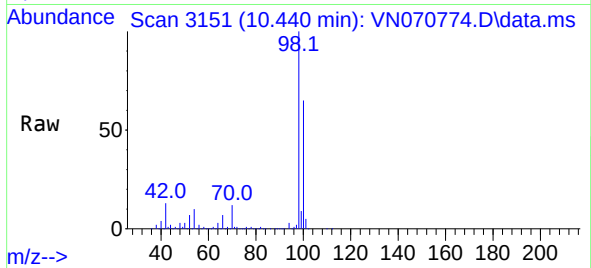




#50
Toluene-d8
Concen: 47.067 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

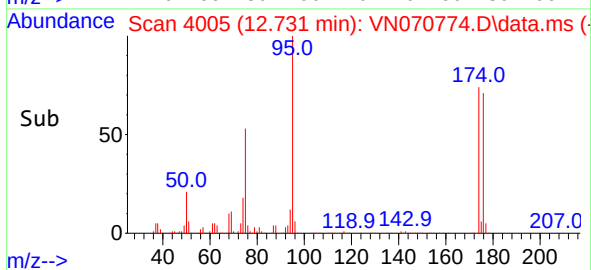
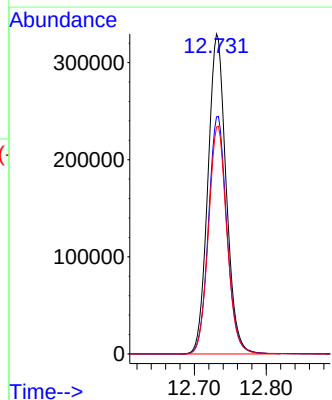
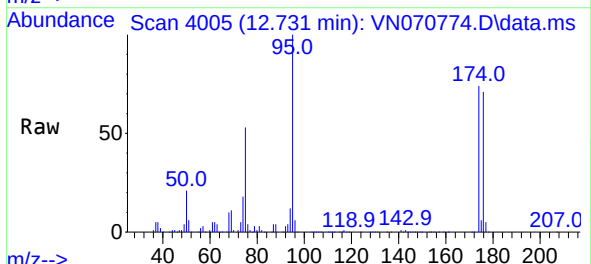
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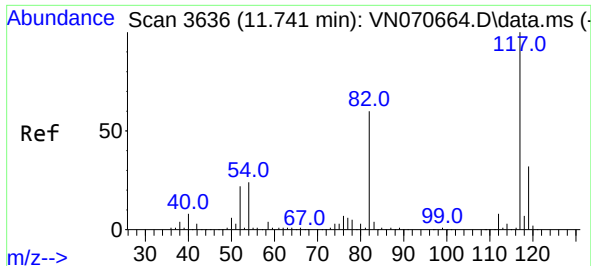
Tgt Ion: 98 Resp: 1648205
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 46.545 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion: 95 Resp: 580810
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 71.7 0.0 181.4

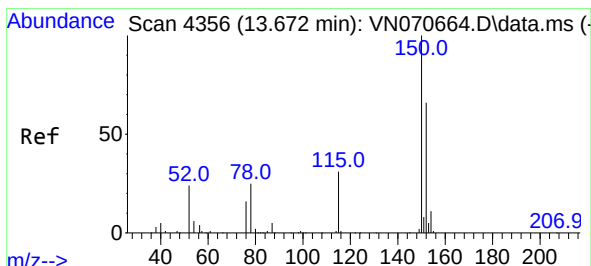
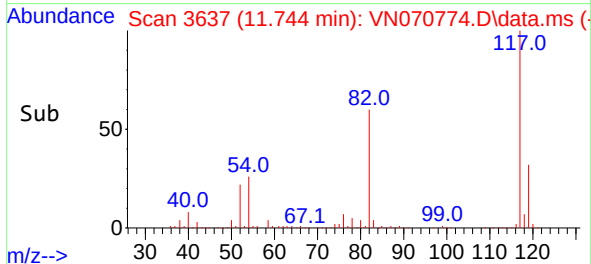
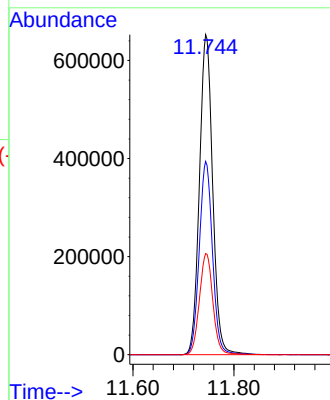
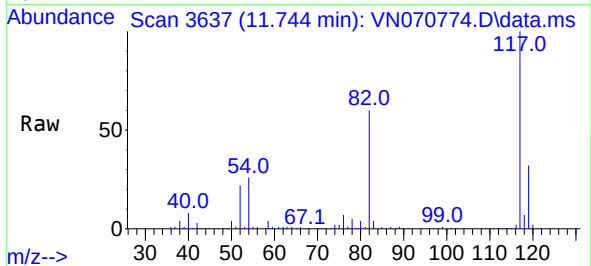




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070774.D
Acq: 25 Jan 2022 15:14

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:117 Resp: 1187718
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 31.6 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: VN070774.D
Acq: 25 Jan 2022 15:14

Tgt Ion:152 Resp: 420381
Ion Ratio Lower Upper
152 100
115 62.2 27.5 82.5
150 157.3 0.0 344.4

