

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070820.D
 Acq On : 28 Jan 2022 11:18
 Operator : JC/MD
 Sample : VN0128WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0128WBL01

Quant Time: Jan 28 23:15:14 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	768467	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1268223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1157489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	456811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	564840	51.287	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.580%	
35) Dibromofluoromethane	8.021	113	376215	47.823	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.640%	
50) Toluene-d8	10.440	98	1563304	47.171	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 94.340%	
62) 4-Bromofluorobenzene	12.731	95	595871	50.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.920%	

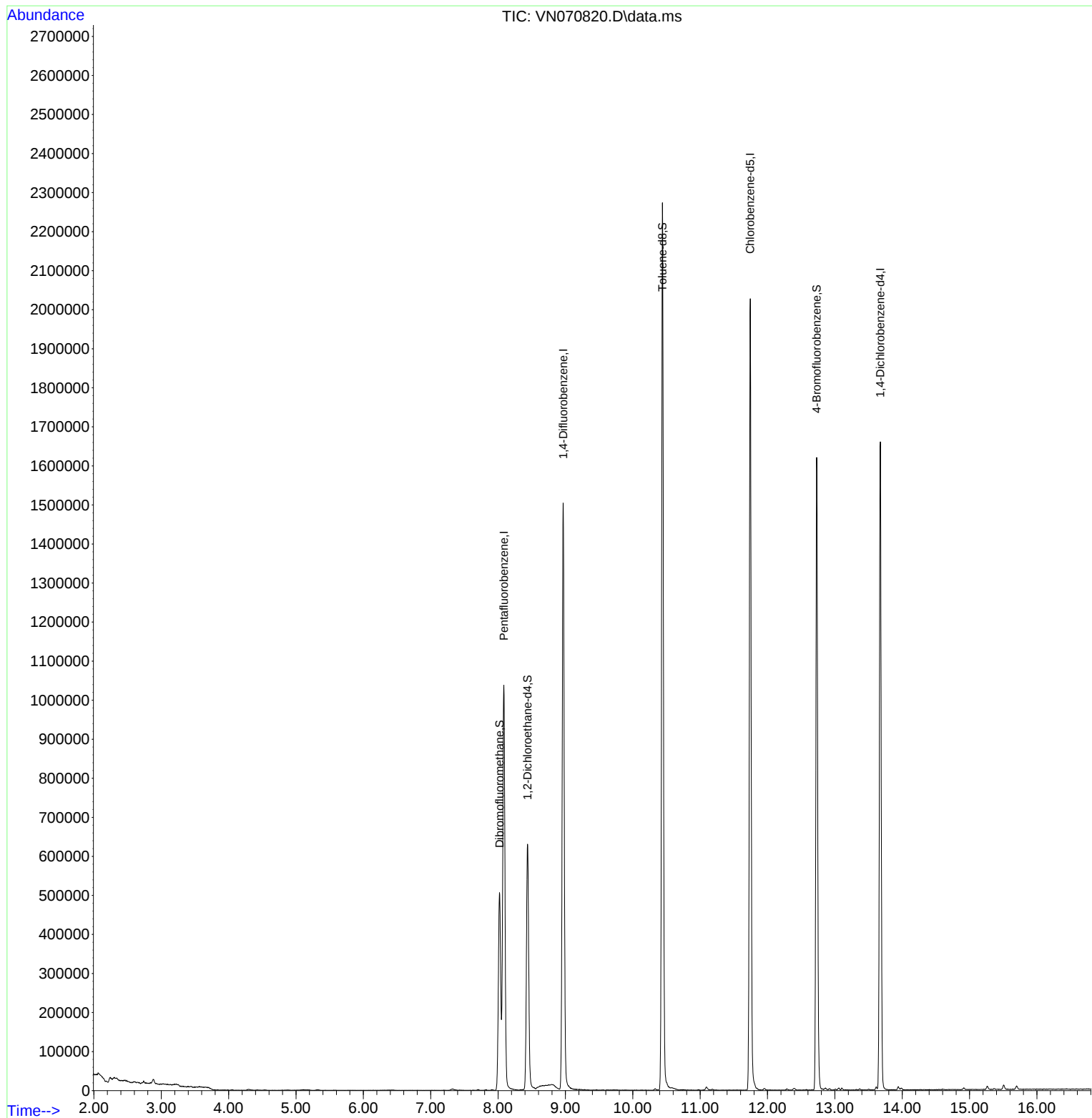
Target Compounds	Qvalue

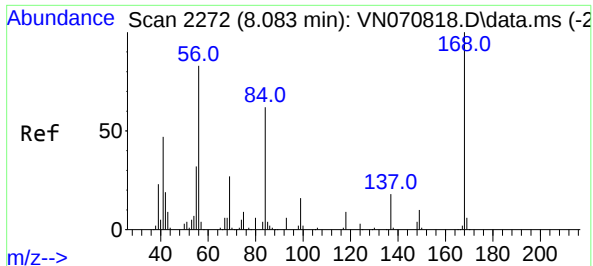
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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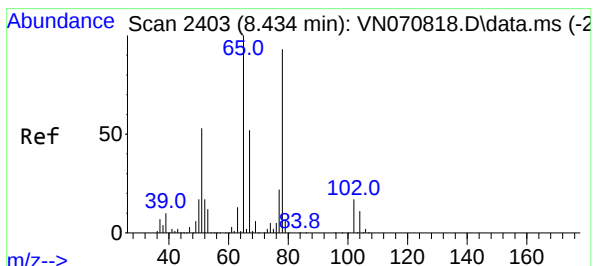
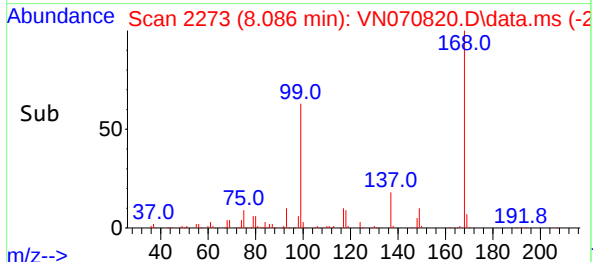
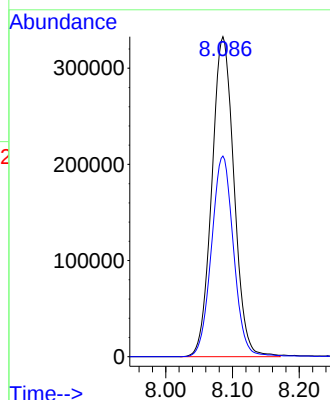
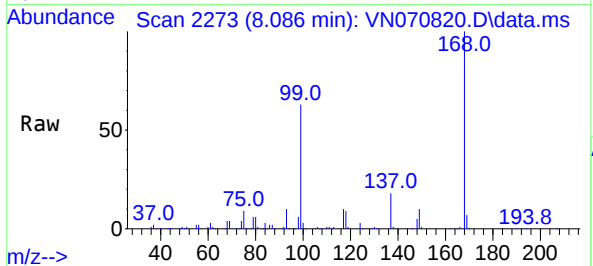




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

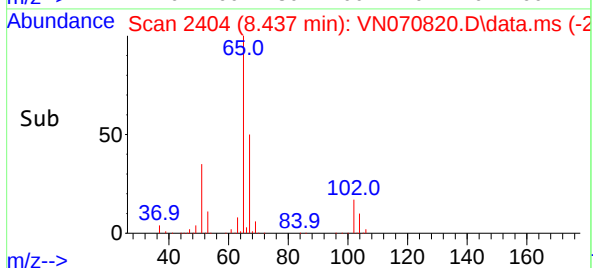
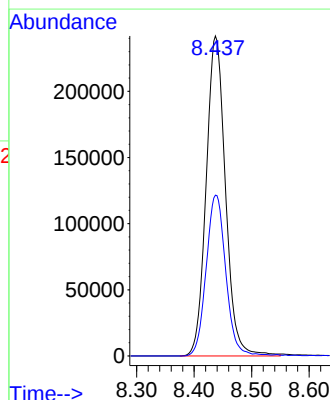
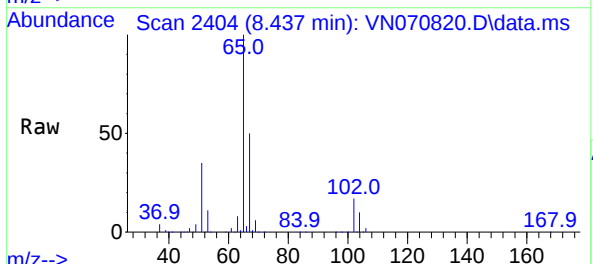
Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

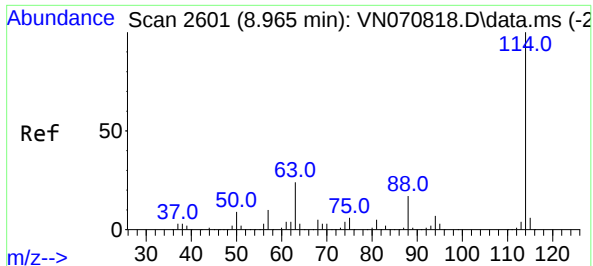
Tgt Ion:168 Resp: 768467
Ion Ratio Lower Upper
168 100
99 62.7 41.3 61.9#



#33
1,2-Dichloroethane-d4
Concen: 51.287 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 65 Resp: 564840
Ion Ratio Lower Upper
65 100
67 50.6 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: VN070820.D

Acq: 28 Jan 2022 11:18

Instrument :

MSVOA_N

ClientSampleId :

VN0128WBL01

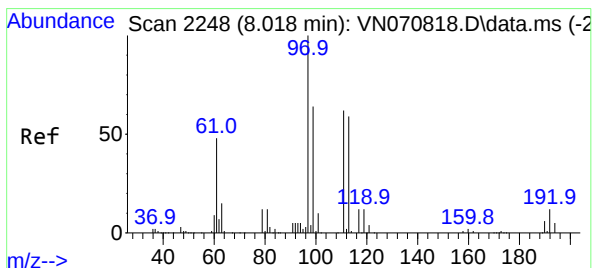
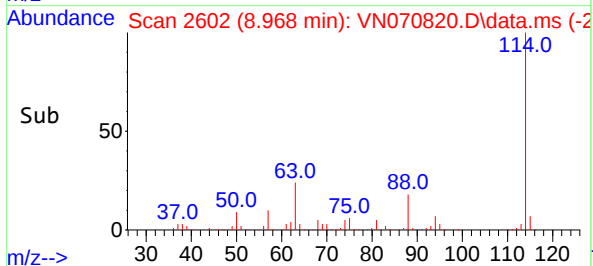
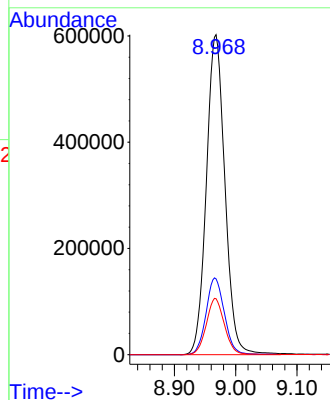
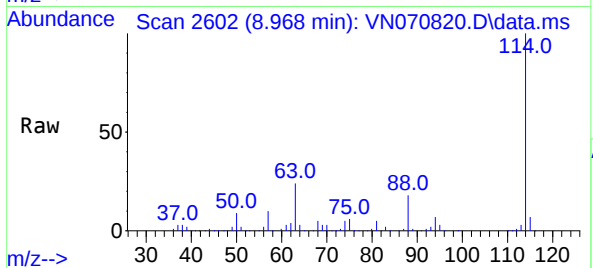
Tgt Ion:114 Resp: 1268223

Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 17.5 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.823 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070820.D

Acq: 28 Jan 2022 11:18

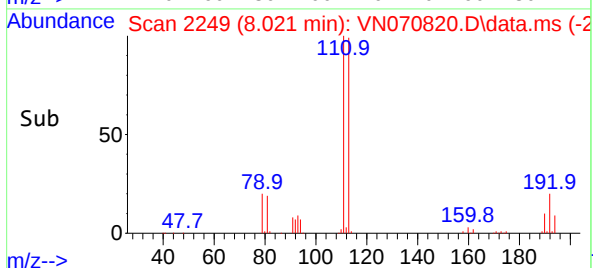
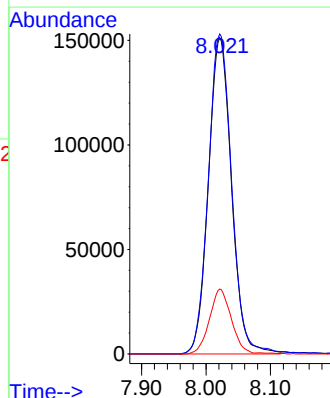
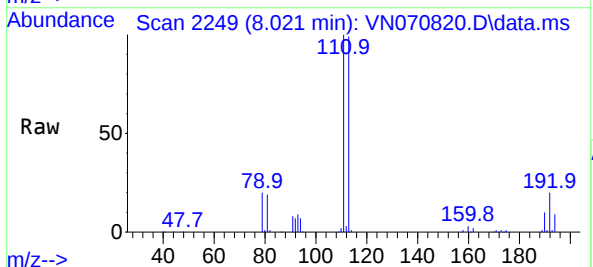
Tgt Ion:113 Resp: 376215

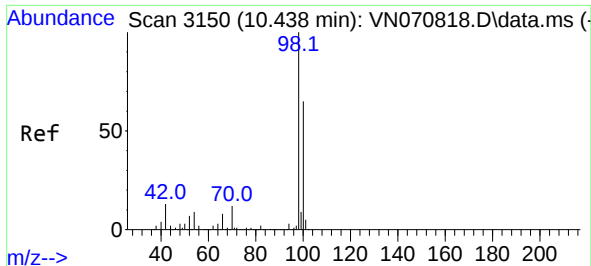
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 19.4 16.9 25.3

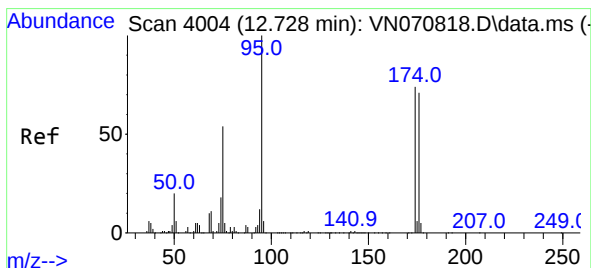
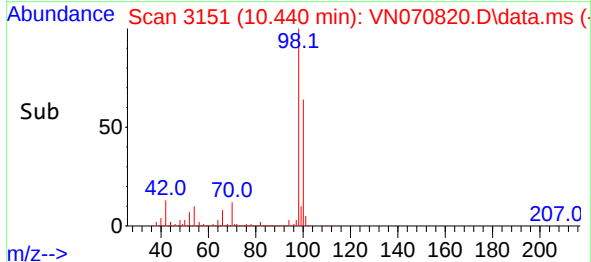
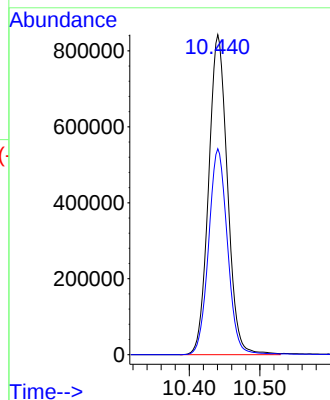
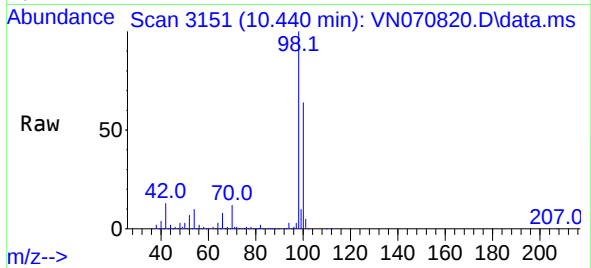




#50
Toluene-d8
Concen: 47.171 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

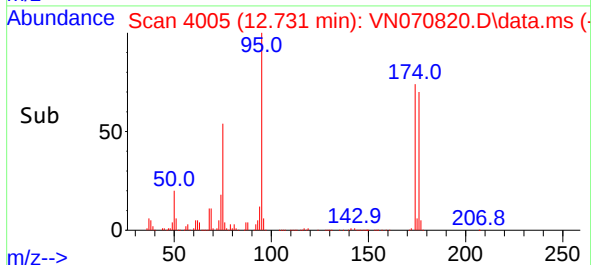
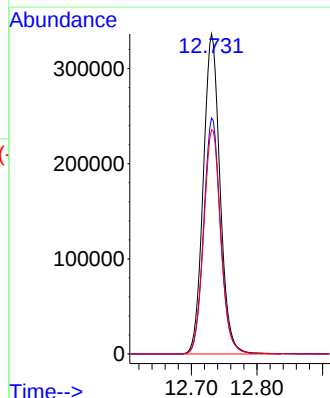
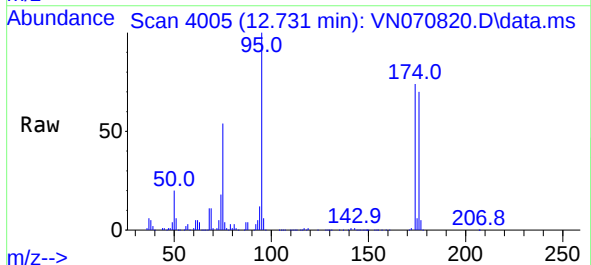
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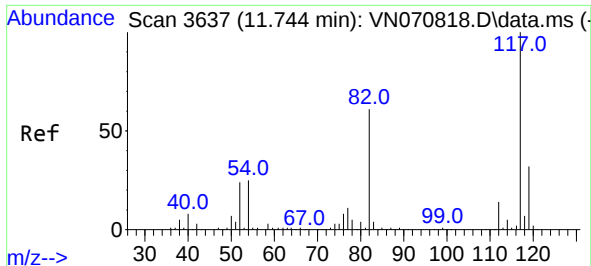
Tgt Ion: 98 Resp: 1563304
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 50.457 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion: 95 Resp: 595871
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 71.6 0.0 181.4

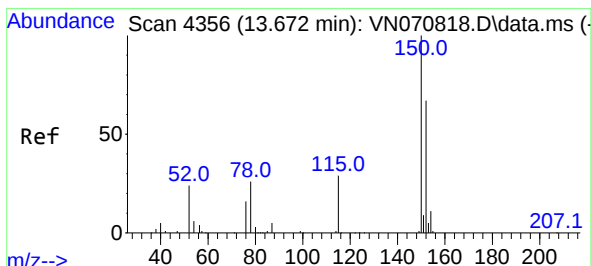
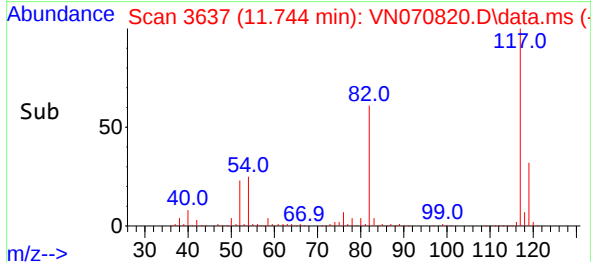
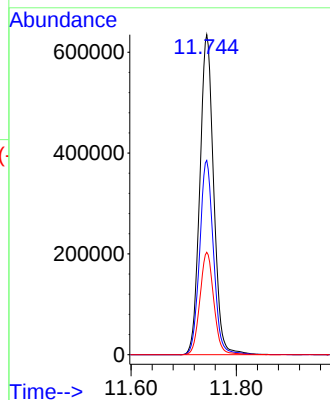
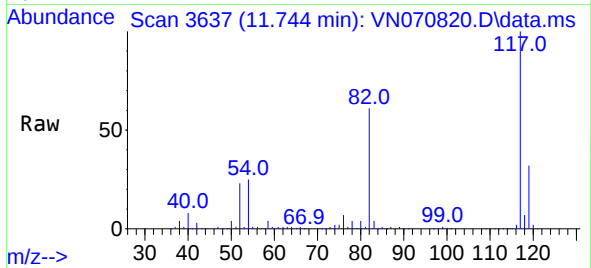




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070820.D
Acq: 28 Jan 2022 11:18

Instrument :
MSVOA_N
ClientSampleId :
VN0128WBL01

Tgt Ion:117 Resp: 1157489
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 32.0 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: VN070820.D
Acq: 28 Jan 2022 11:18

Tgt Ion:152 Resp: 456811
Ion Ratio Lower Upper
152 100
115 63.1 27.5 82.5
150 156.9 0.0 344.4

