

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070692.D
 Acq On : 19 Jan 2022 11:49
 Operator : JC/MD
 Sample : VN0119WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBL01

Quant Time: Jan 20 03:34:53 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	1087104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1745627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1519866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	542817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	714986	45.892	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.780%
35) Dibromofluoromethane	8.021	113	504099	46.555	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.100%
50) Toluene-d8	10.440	98	2147397	47.075	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.731	95	680005	41.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.660%

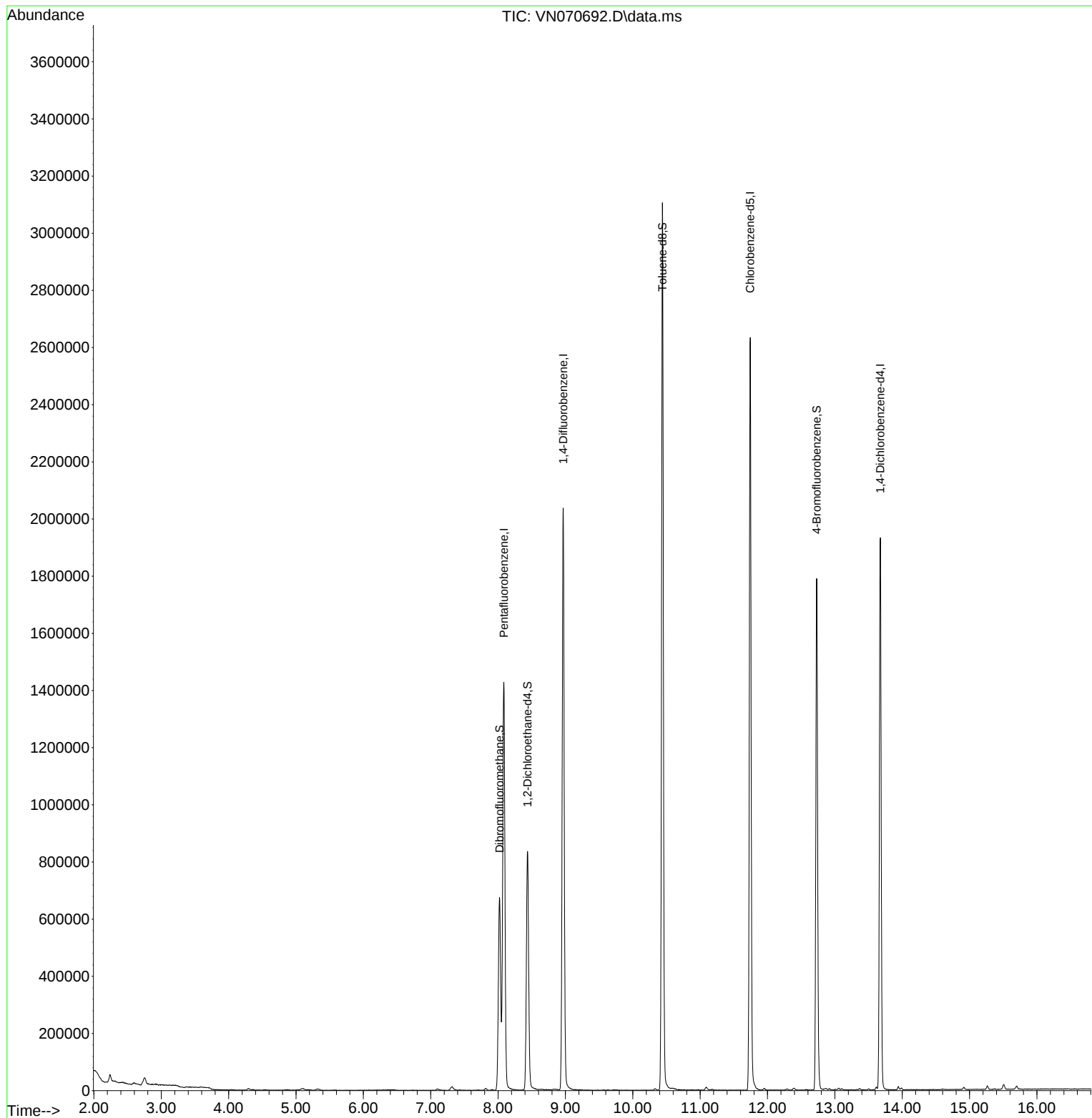
Target Compounds	Qvalue

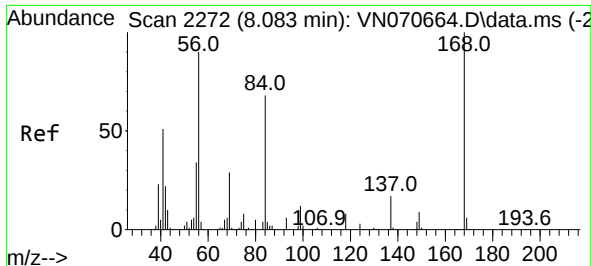
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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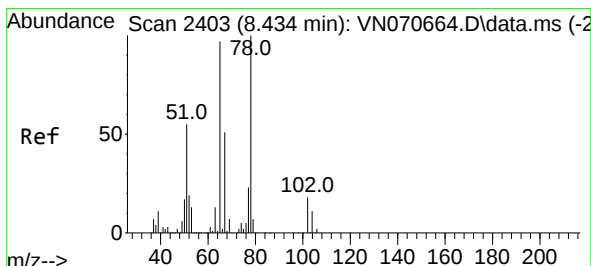
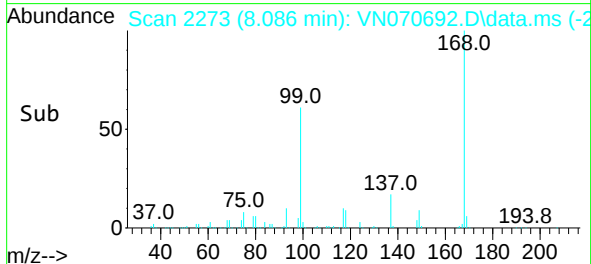
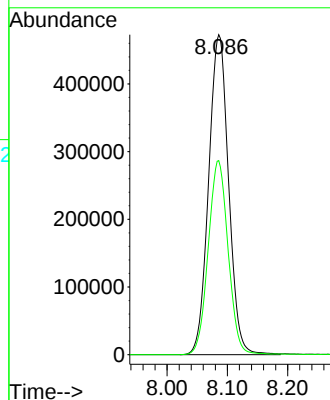
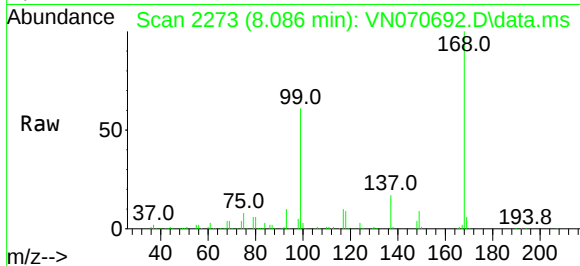




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070692.D
Acq: 19 Jan 2022 11:49

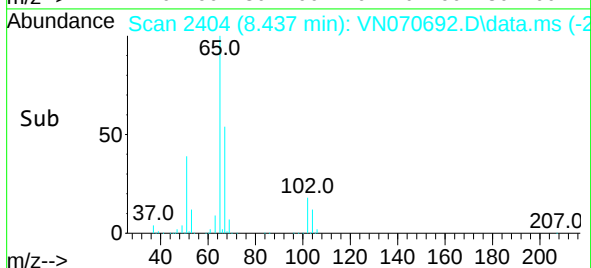
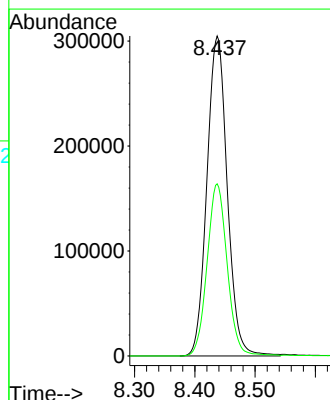
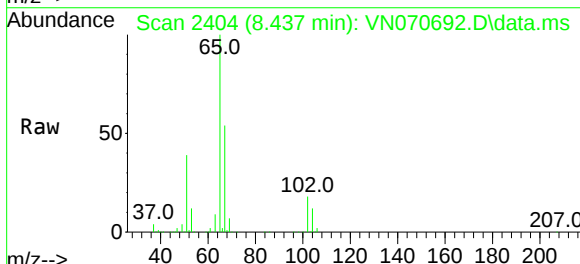
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBL01

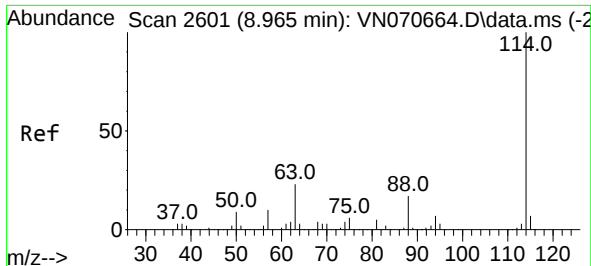
Tgt Ion:168 Resp: 1087104
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 45.892 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070692.D
Acq: 19 Jan 2022 11:49

Tgt Ion: 65 Resp: 714986
Ion Ratio Lower Upper
65 100
67 53.1 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: VN070692.D

Acq: 19 Jan 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBL01

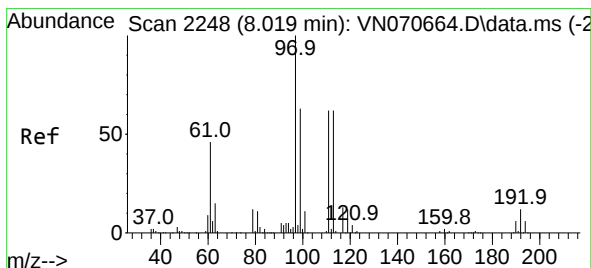
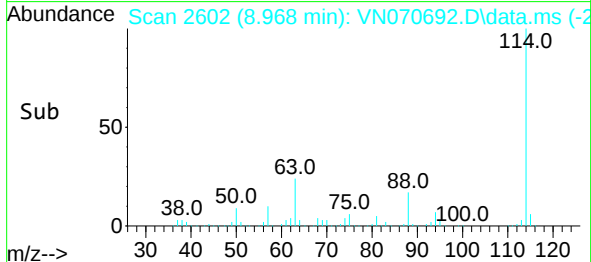
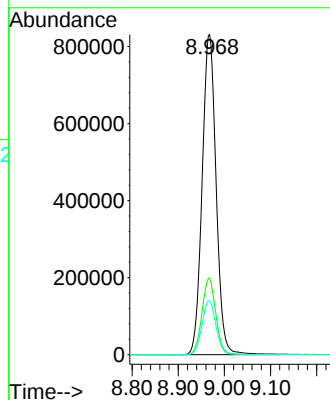
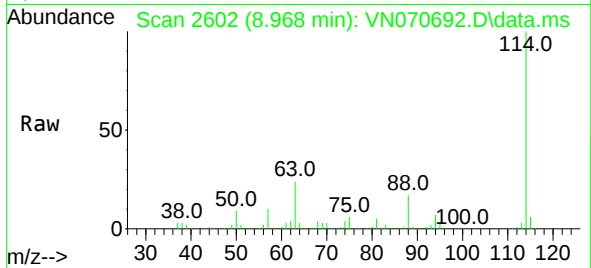
Tgt Ion:114 Resp: 1745627

Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.8 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.555 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070692.D

Acq: 19 Jan 2022 11:49

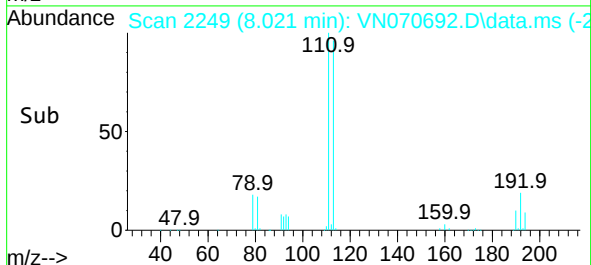
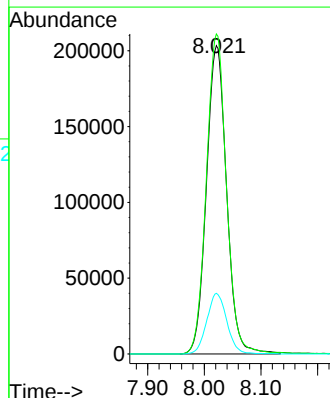
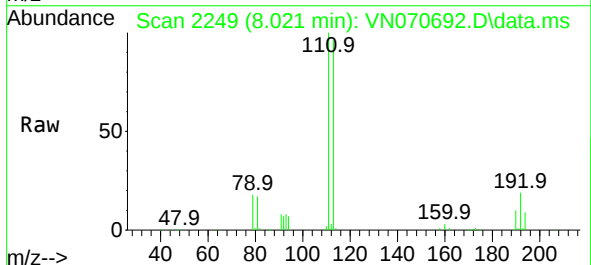
Tgt Ion:113 Resp: 504099

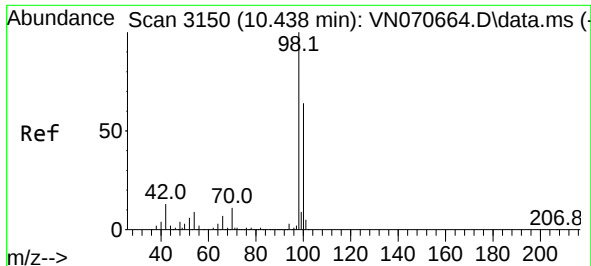
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 19.5 16.9 25.3

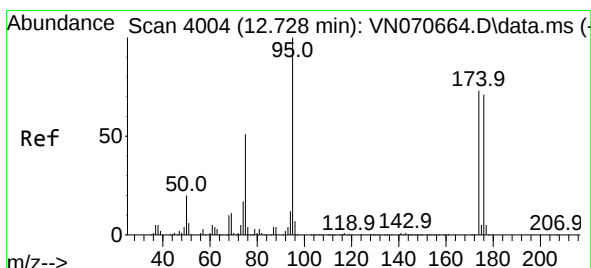
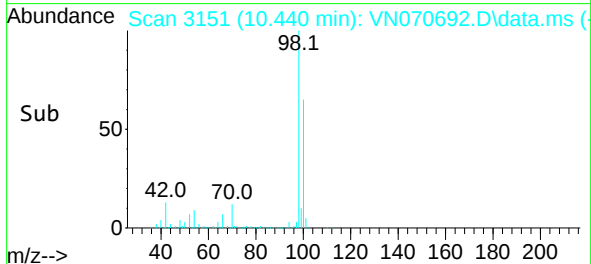
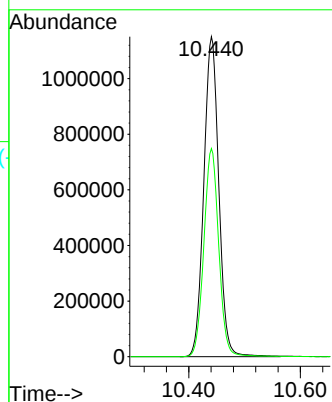
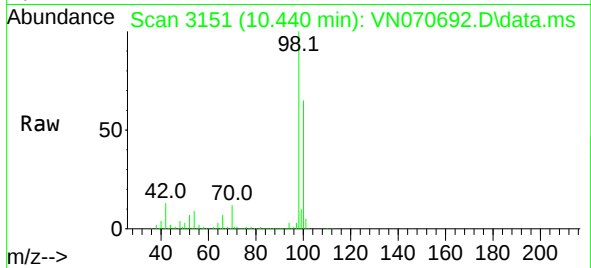




#50
Toluene-d8
Concen: 47.075 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070692.D
Acq: 19 Jan 2022 11:49

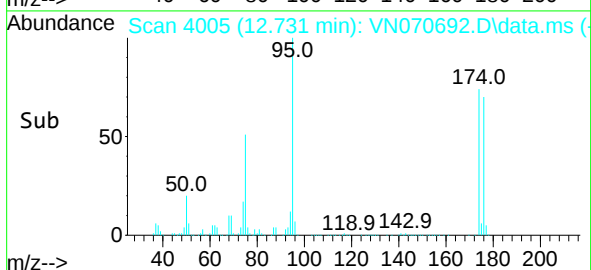
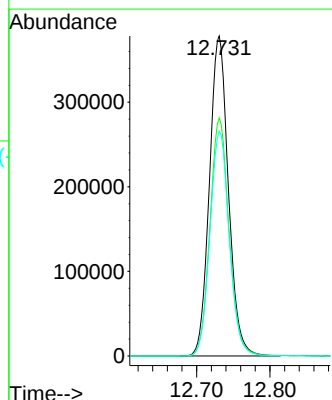
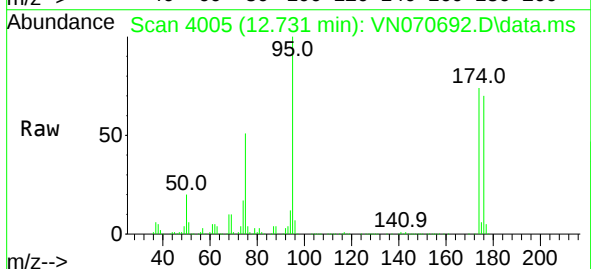
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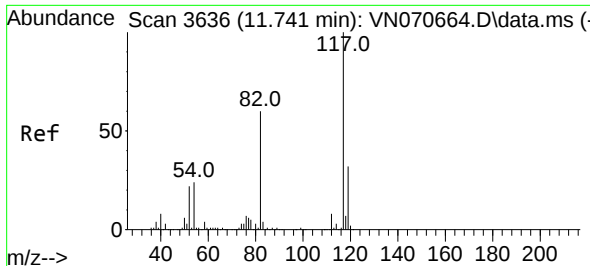
Tgt Ion: 98 Resp: 2147397
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 41.833 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070692.D
Acq: 19 Jan 2022 11:49

Tgt Ion: 95 Resp: 680005
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 71.3 0.0 181.4

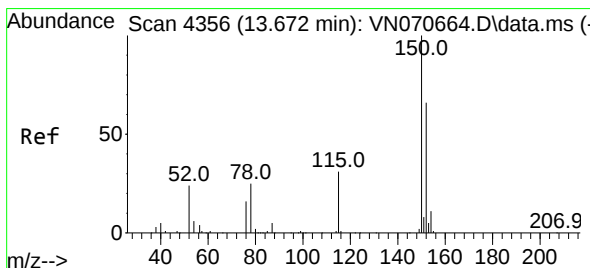
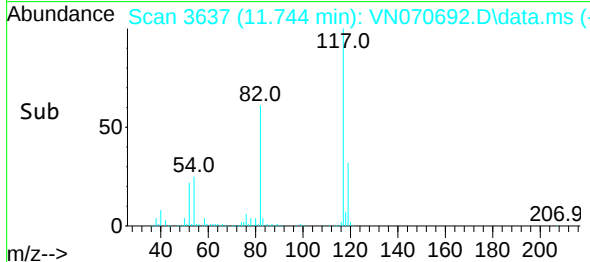
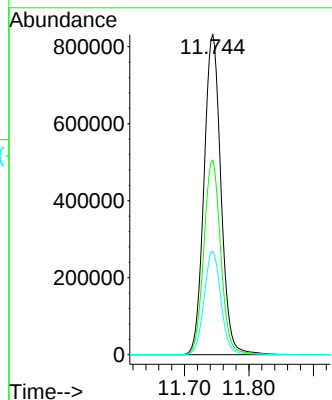
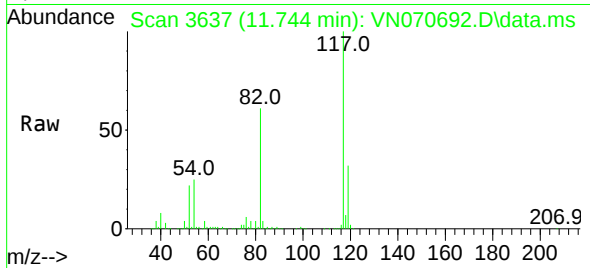




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070692.D
Acq: 19 Jan 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0119WBL01

Tgt Ion:117 Resp: 1519866
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 32.3 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: VN070692.D
Acq: 19 Jan 2022 11:49

Tgt Ion:152 Resp: 542817
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.5 0.0 344.4

