

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111722\
 Data File : VN075300.D
 Acq On : 17 Nov 2022 12:01
 Operator : JC\MD
 Sample : VN1117WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBL01

Quant Time: Nov 18 00:59:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	156589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103127	48.879	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.760%
35) Dibromofluoromethane	8.171	113	86968	52.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.140%
50) Toluene-d8	10.565	98	323691	50.436	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.847	95	103925	46.097	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.200%

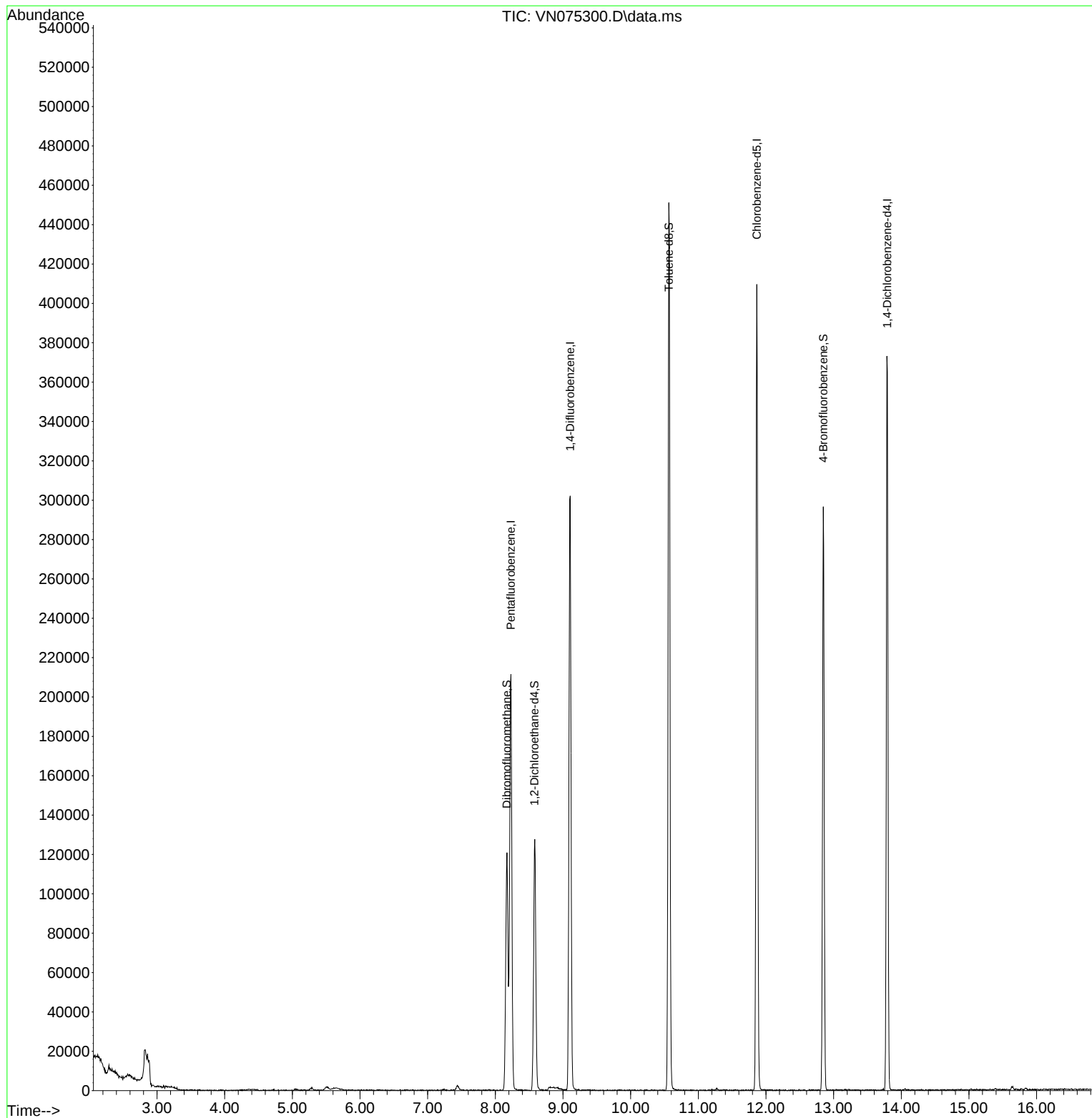
Target Compounds	Qvalue

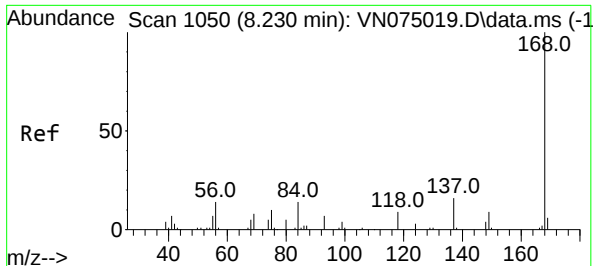
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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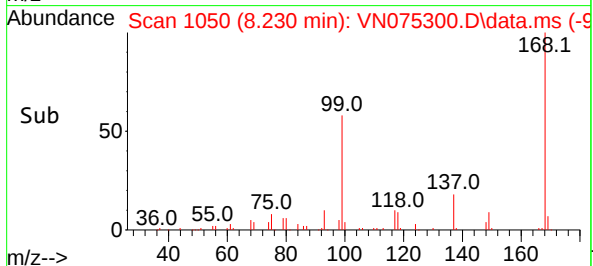
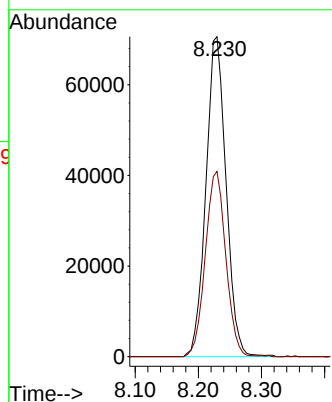
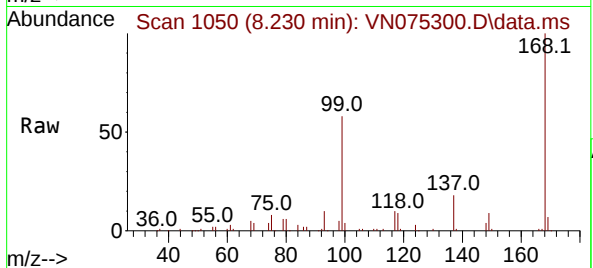




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

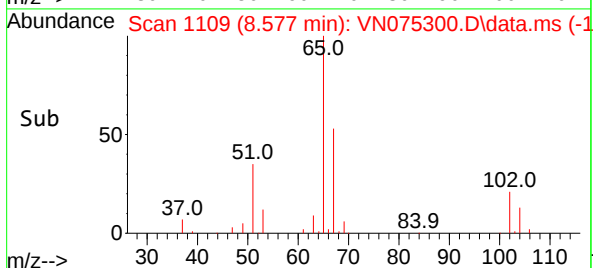
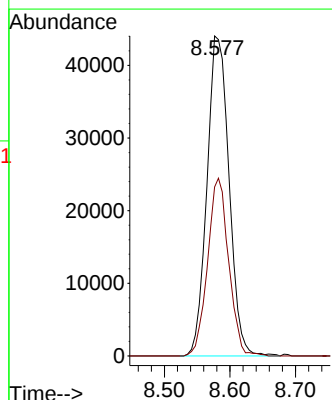
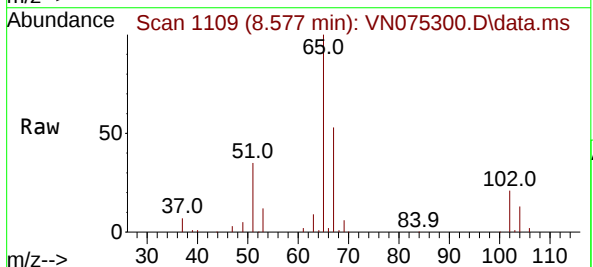
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

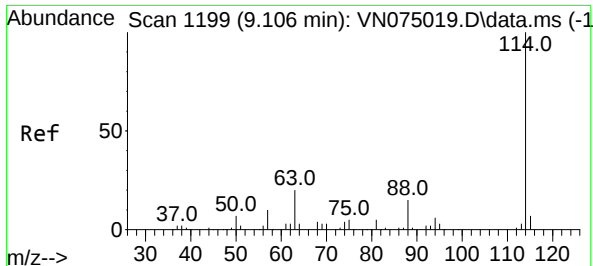
Tgt Ion:168 Resp: 156589
Ion Ratio Lower Upper
168 100
99 57.9 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 48.879 ug/l
RT: 8.577 min Scan# 1109
Delta R.T. -0.011 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion: 65 Resp: 103127
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075300.D

Acq: 17 Nov 2022 12:01

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBL01

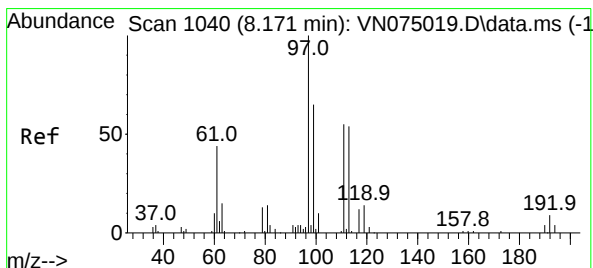
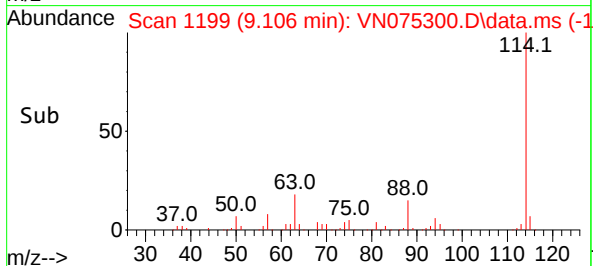
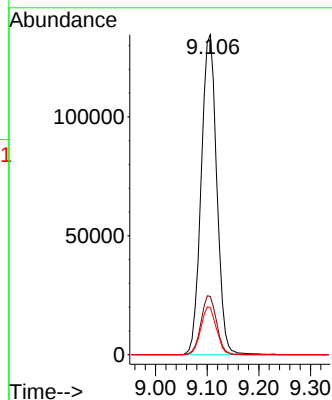
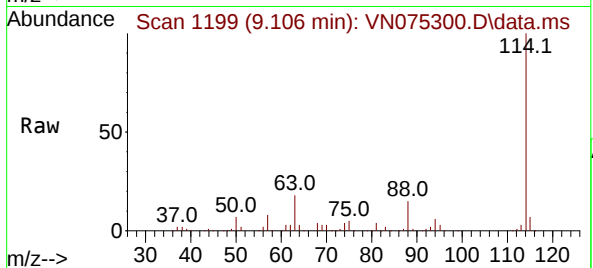
Tgt Ion:114 Resp: 281783

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.574 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075300.D

Acq: 17 Nov 2022 12:01

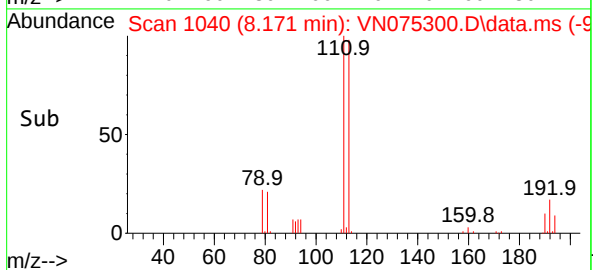
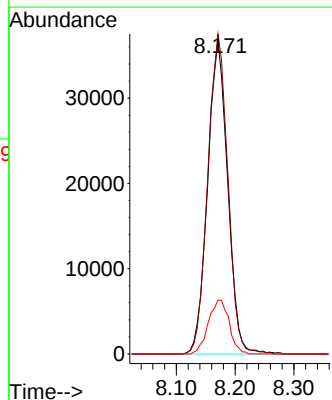
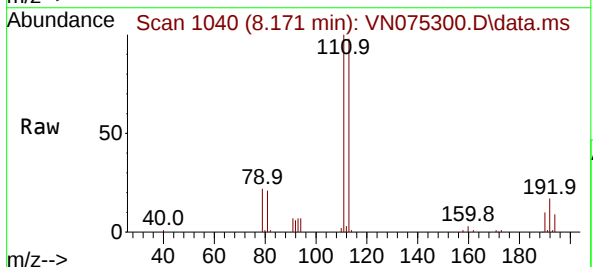
Tgt Ion:113 Resp: 86968

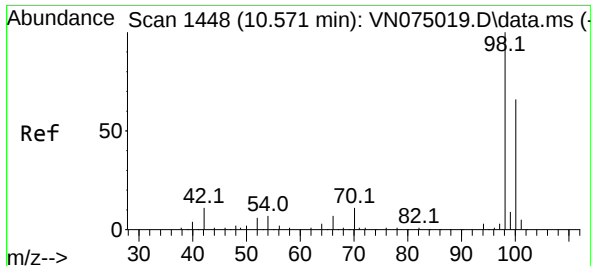
Ion Ratio Lower Upper

113 100

111 102.5 80.5 120.7

192 17.9 13.2 19.8

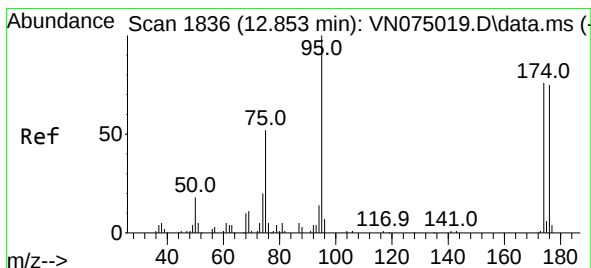
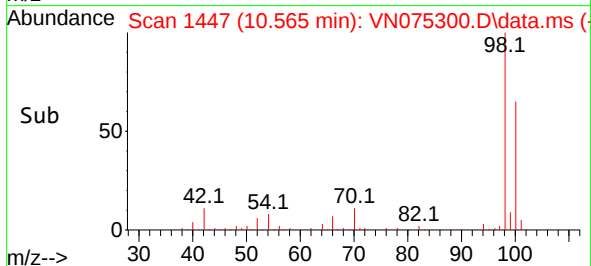
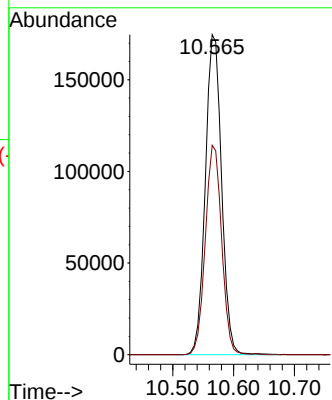
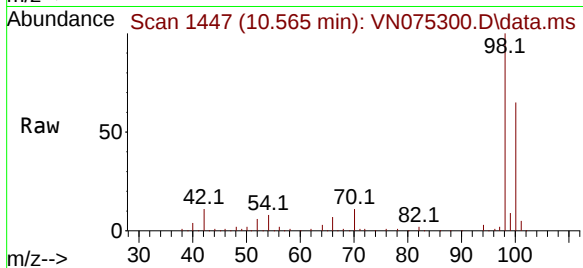




#50
Toluene-d8
Concen: 50.436 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

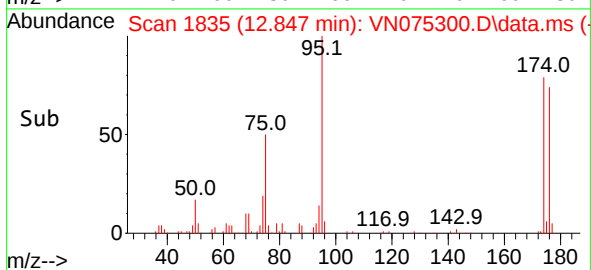
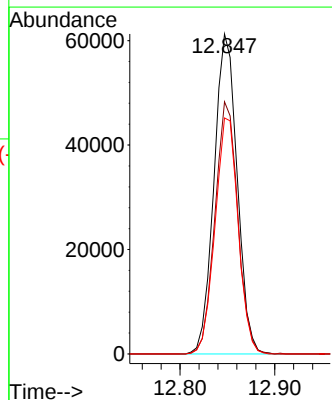
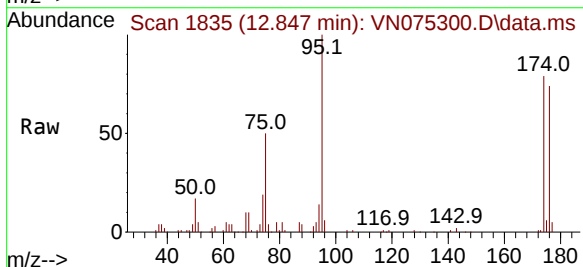
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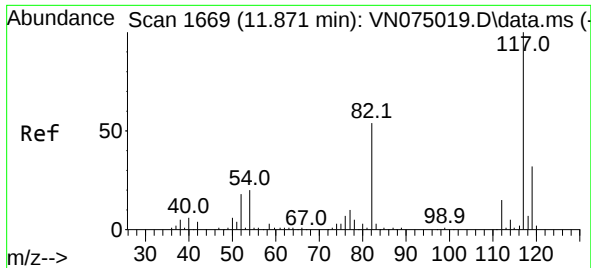
Tgt Ion: 98 Resp: 323691
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 46.097 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion: 95 Resp: 103925
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.4
176 73.8 0.0 142.2

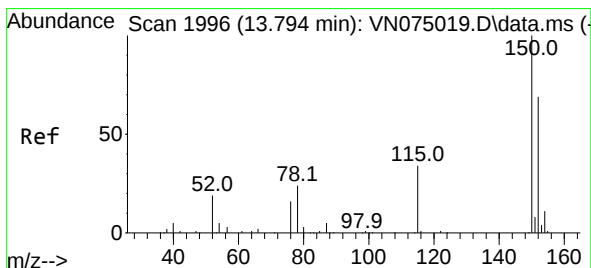
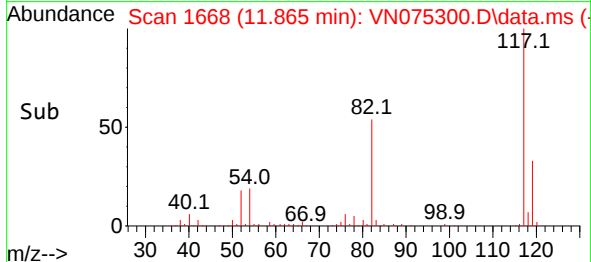
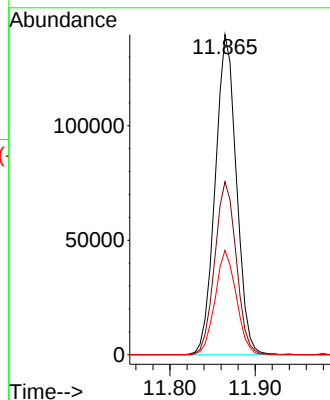
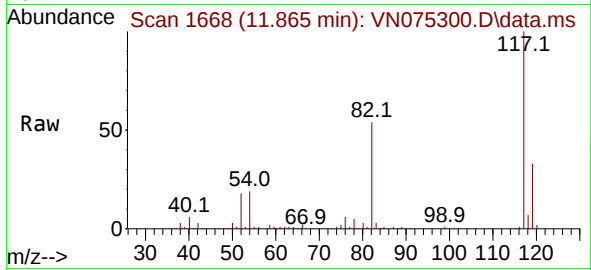




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBL01

Tgt Ion:117 Resp: 242420
Ion Ratio Lower Upper
117 100
82 54.1 43.1 64.7
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075300.D
Acq: 17 Nov 2022 12:01

Tgt Ion:152 Resp: 103063
Ion Ratio Lower Upper
152 100
115 61.1 30.2 90.6
150 157.3 0.0 348.4

