

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074919.D
 Acq On : 17 Oct 2022 16:32
 Operator : JC\MD
 Sample : VN1017WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1017WBL01

Quant Time: Oct 18 03:01:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	337500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	603575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	635594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	281264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	411021	46.168	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.340%
35) Dibromofluoromethane	8.177	113	320053	47.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	10.571	98	1261638	44.833	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.853	95	339522	41.528	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.060%

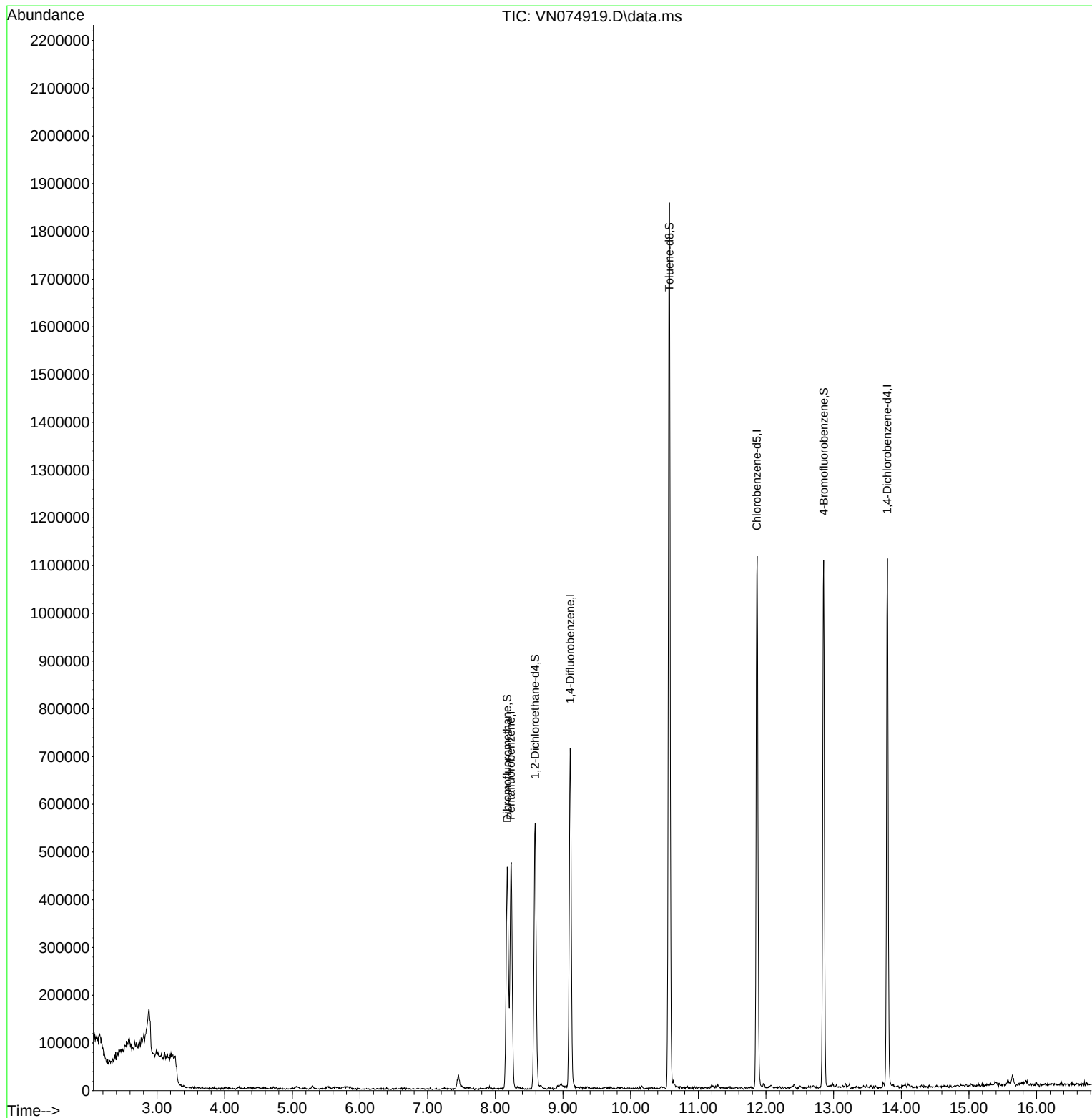
Target Compounds	Qvalue

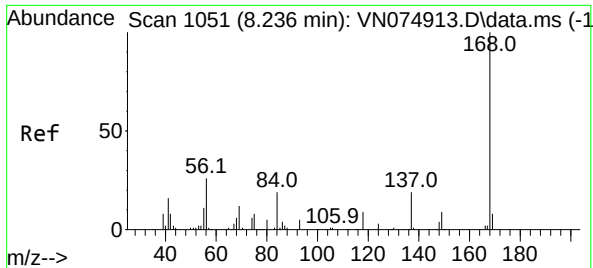
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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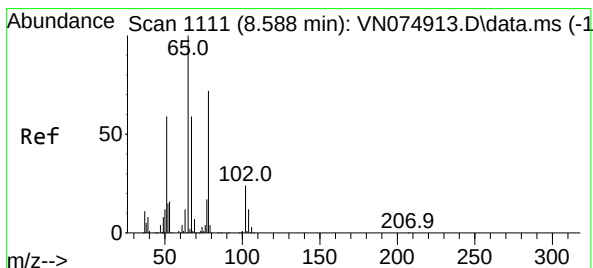
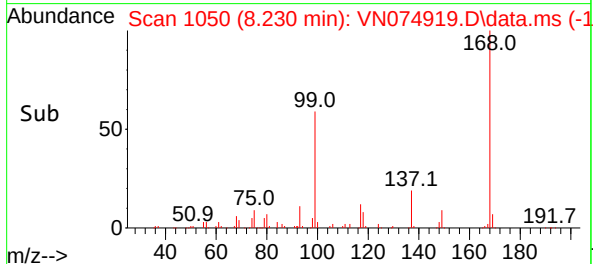
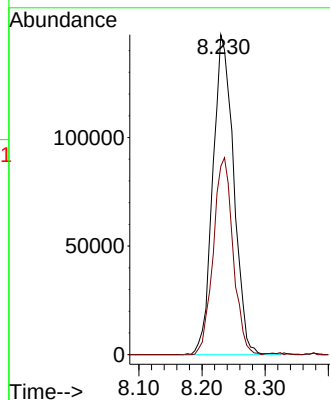
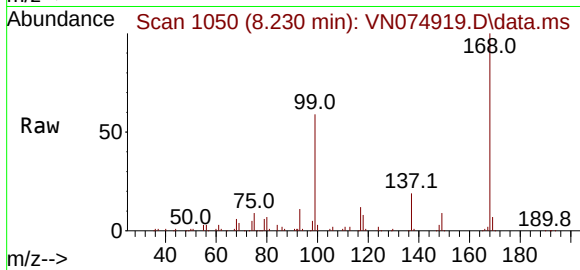




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VN074919.D
Acq: 17 Oct 2022 16:32

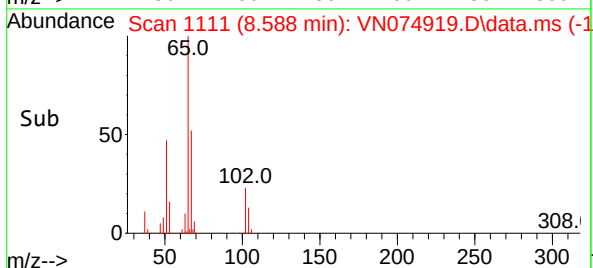
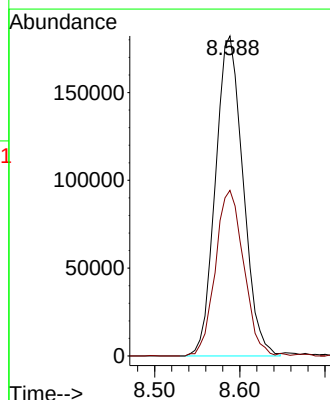
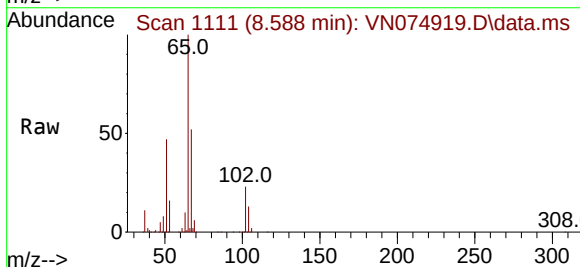
Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

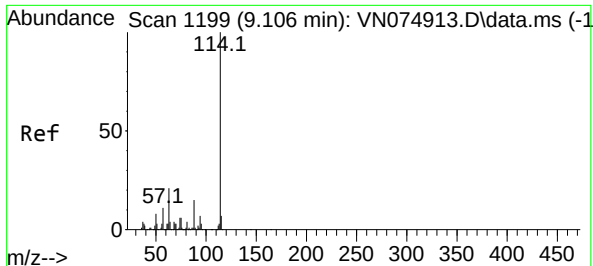
Tgt Ion:168 Resp: 337500
Ion Ratio Lower Upper
168 100
99 58.8 47.6 71.4



#33
1,2-Dichloroethane-d4
Concen: 46.168 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN074919.D
Acq: 17 Oct 2022 16:32

Tgt Ion: 65 Resp: 411021
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074919.D

Acq: 17 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN1017WBL01

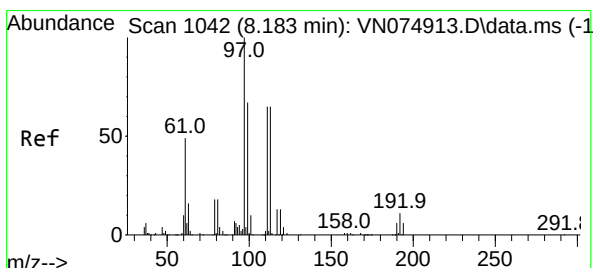
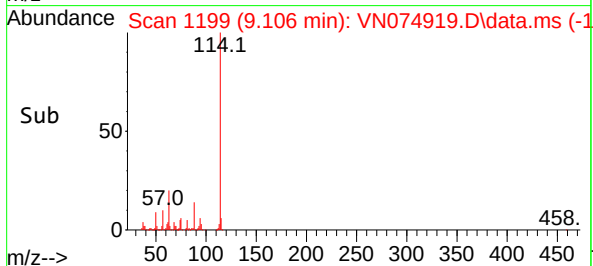
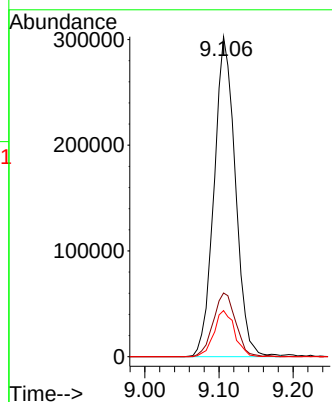
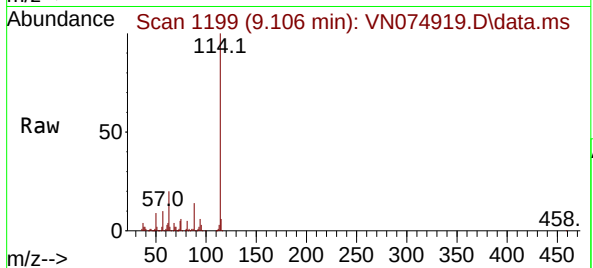
Tgt Ion:114 Resp: 603575

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.2

88 14.4 0.0 30.2



#35

Dibromofluoromethane

Concen: 47.163 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074919.D

Acq: 17 Oct 2022 16:32

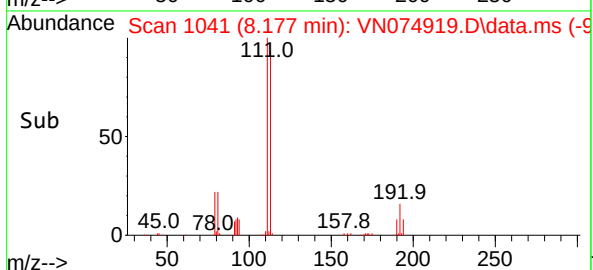
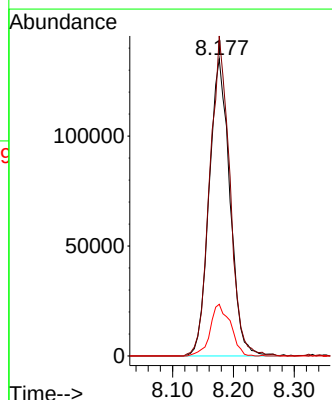
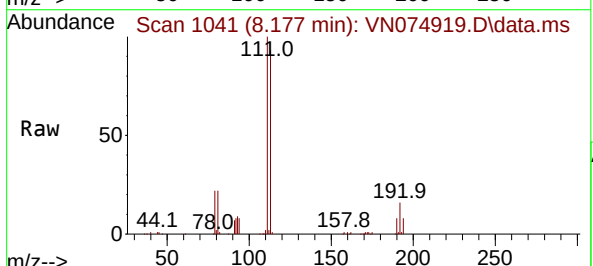
Tgt Ion:113 Resp: 320053

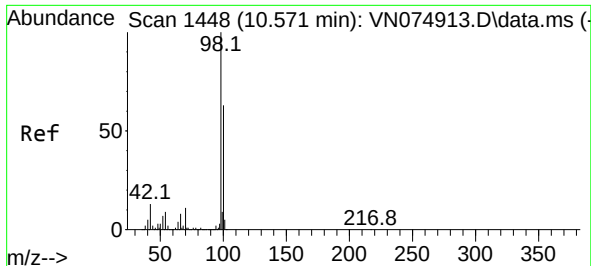
Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

192 17.0 14.2 21.2

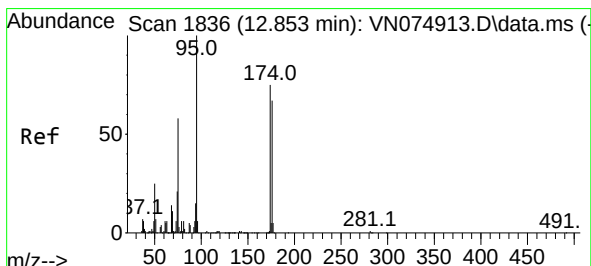
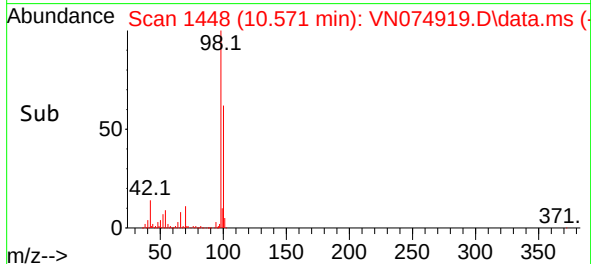
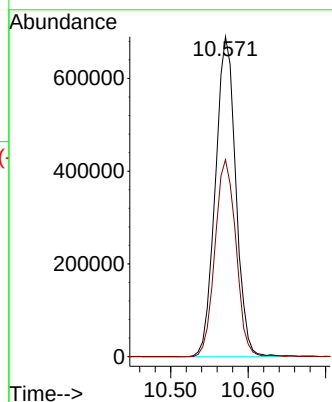
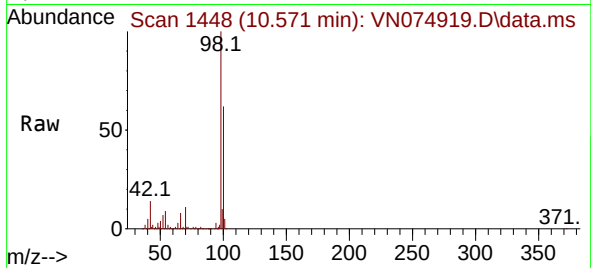




#50
Toluene-d8
Concen: 44.833 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074919.D
Acq: 17 Oct 2022 16:32

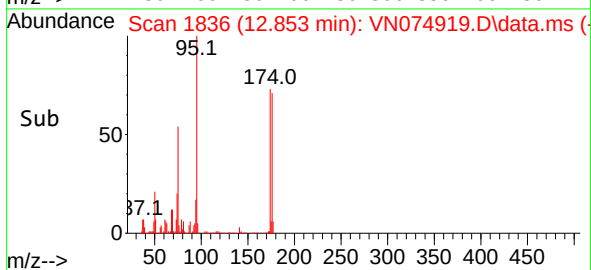
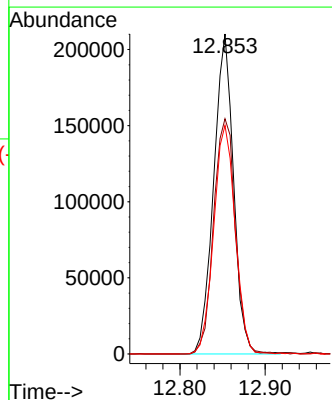
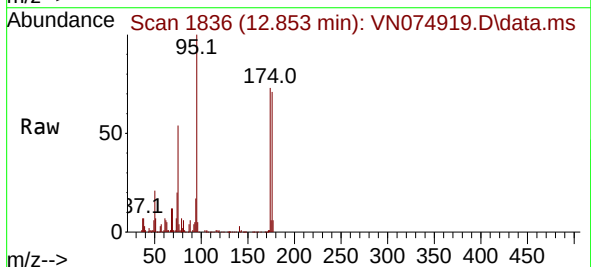
Instrument :
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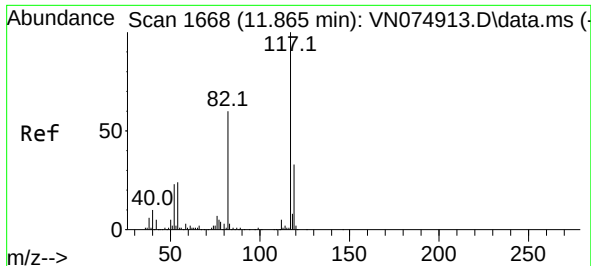
Tgt Ion: 98 Resp: 1261638
Ion Ratio Lower Upper
98 100
100 63.0 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 41.528 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN074919.D
Acq: 17 Oct 2022 16:32

Tgt Ion: 95 Resp: 339522
Ion Ratio Lower Upper
95 100
174 80.4 0.0 157.8
176 77.4 0.0 148.0

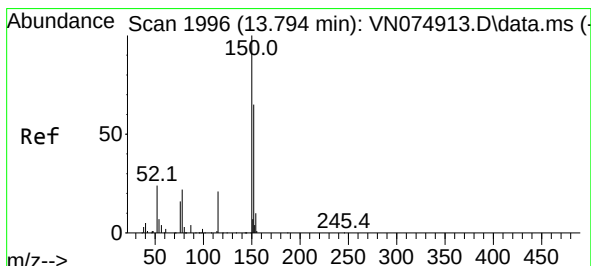
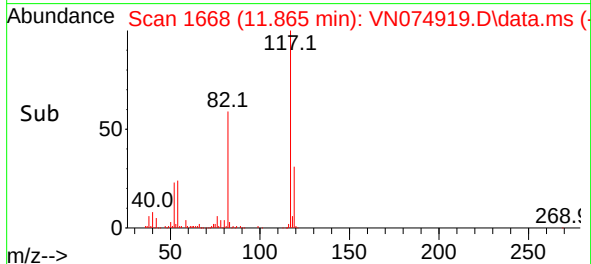
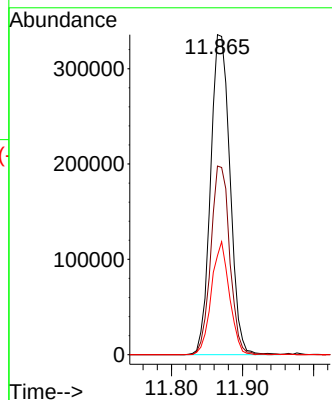
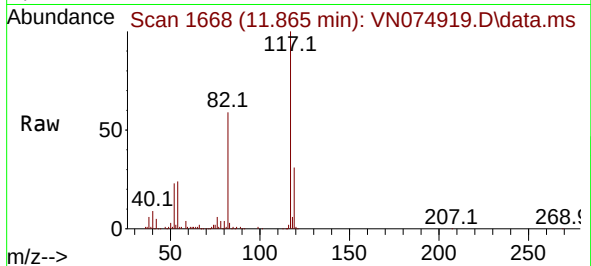




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VN074919.D
Acq: 17 Oct 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN1017WBL01

Tgt Ion:117 Resp: 635594
Ion Ratio Lower Upper
117 100
82 59.0 48.0 72.0
119 31.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074919.D
Acq: 17 Oct 2022 16:32

Tgt Ion:152 Resp: 281264
Ion Ratio Lower Upper
152 100
115 58.4 29.7 89.1
150 155.5 0.0 341.6

