

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075865.D
 Acq On : 19 Dec 2022 12:46
 Operator : JC\MD
 Sample : VN1219WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBL01

Quant Time: Dec 20 01:28:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	354233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	485503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204052	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	182951	47.474	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.940%
35) Dibromofluoromethane	8.171	113	167777	48.976	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	10.570	98	637037	49.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.853	95	201806	47.571	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.140%

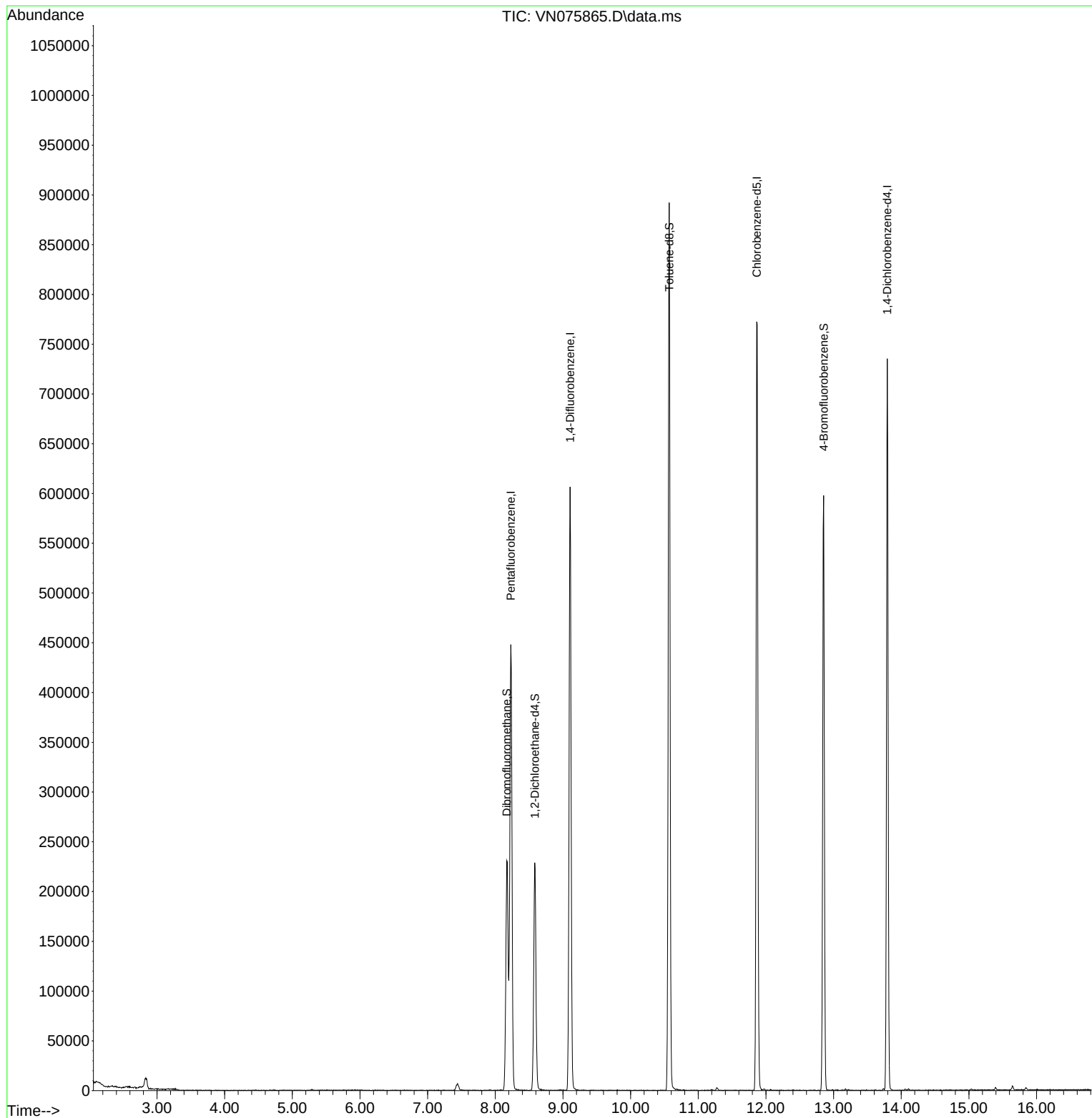
Target Compounds	Qvalue

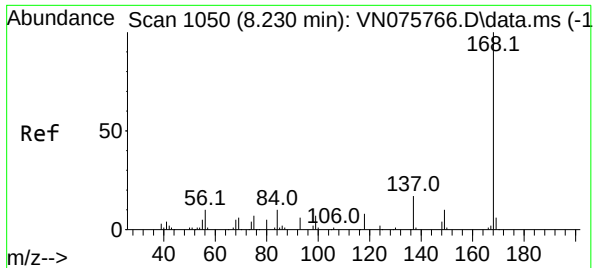
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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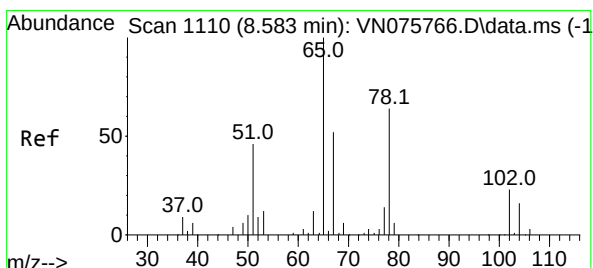
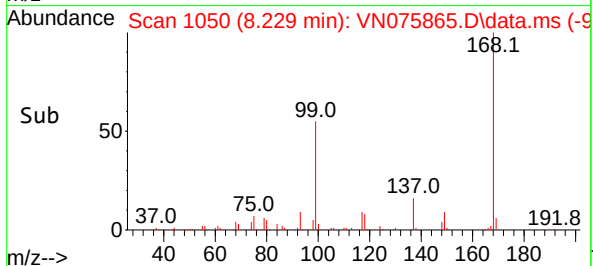
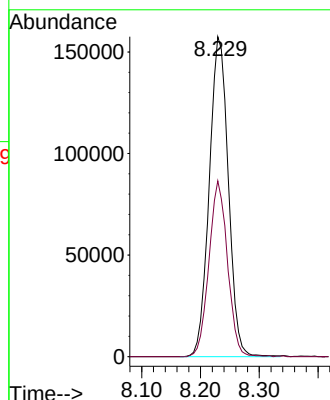
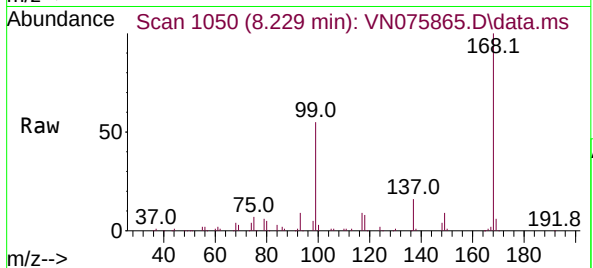




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

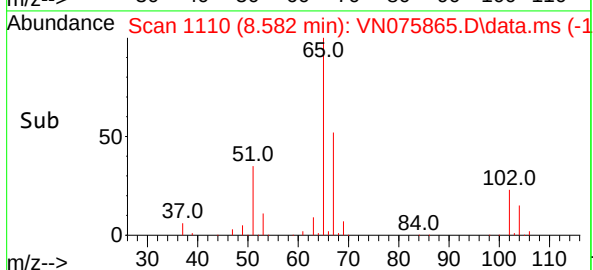
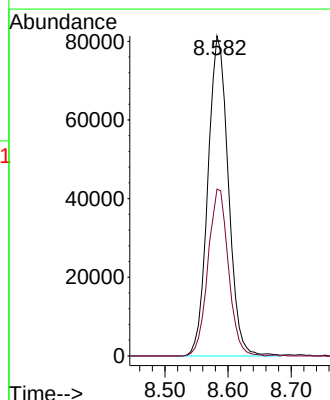
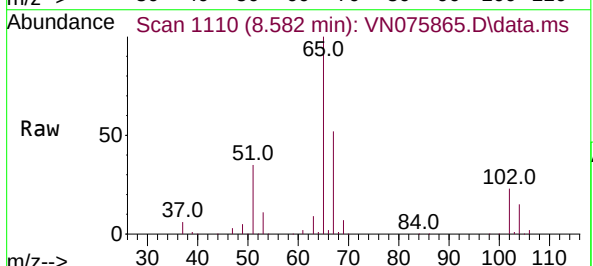
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBL01

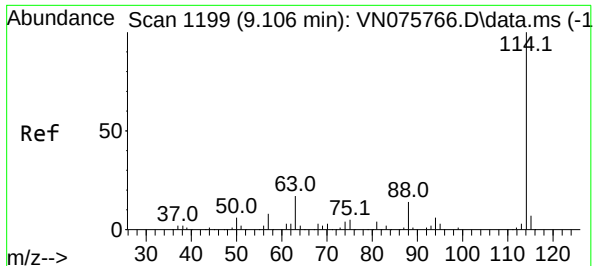
Tgt Ion:168 Resp: 354233
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.474 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Tgt Ion: 65 Resp: 182951
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075865.D

Acq: 19 Dec 2022 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBL01

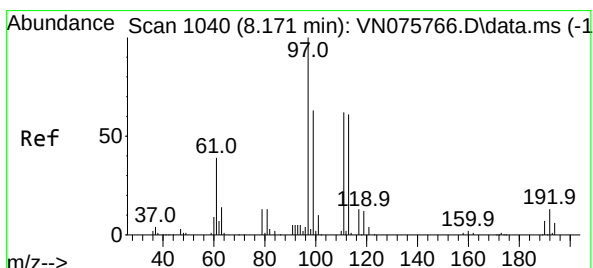
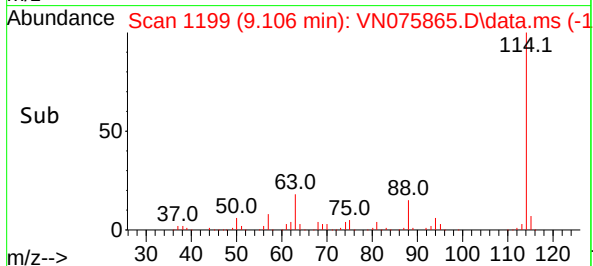
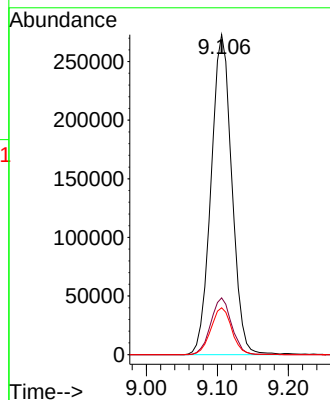
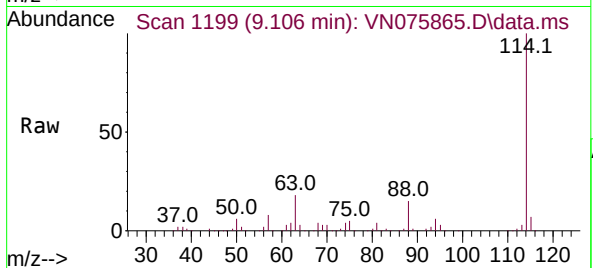
Tgt Ion:114 Resp: 553165

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.4

88 14.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.976 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075865.D

Acq: 19 Dec 2022 12:46

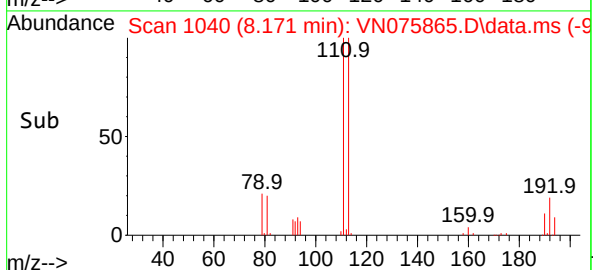
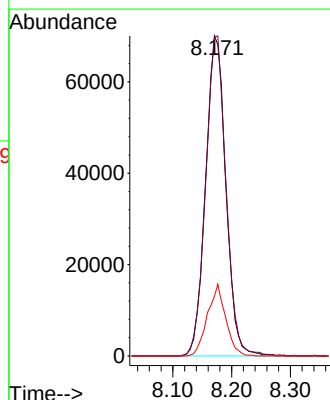
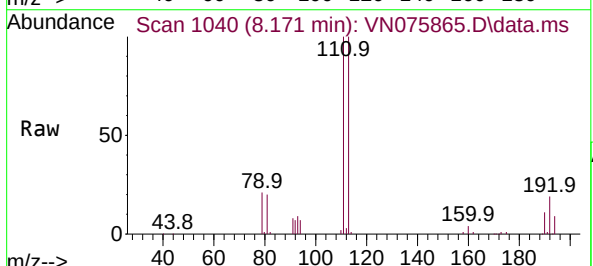
Tgt Ion:113 Resp: 167777

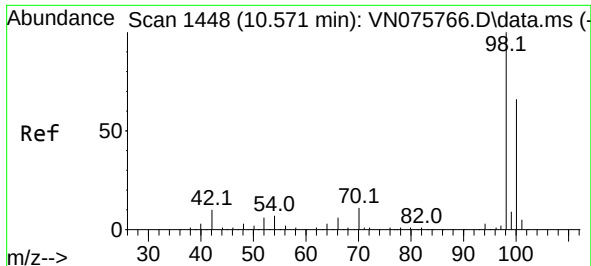
Ion Ratio Lower Upper

113 100

111 100.6 83.4 125.2

192 20.1 16.1 24.1

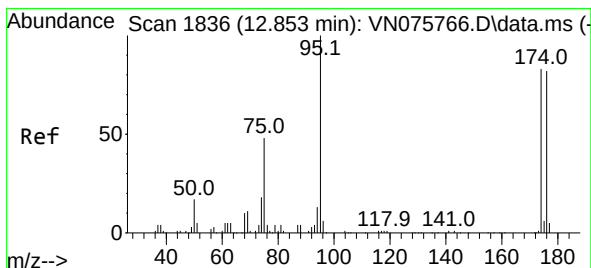
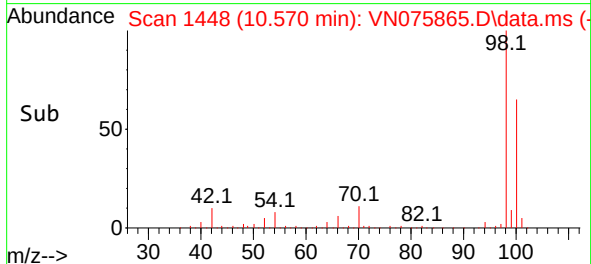
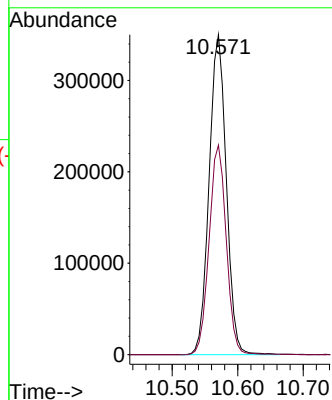
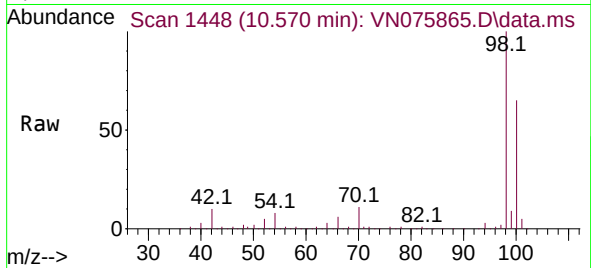




#50
Toluene-d8
Concen: 49.737 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

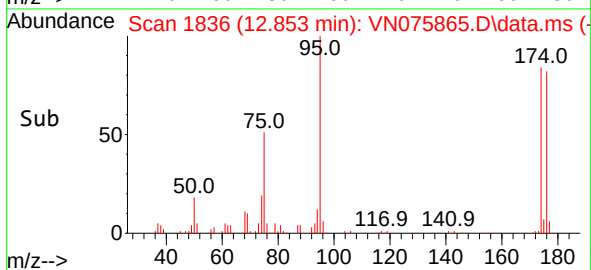
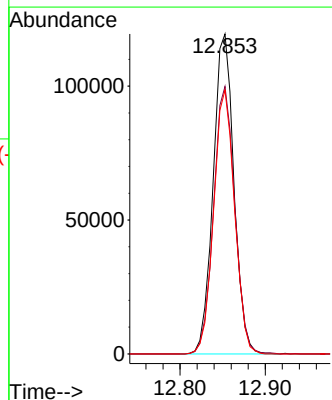
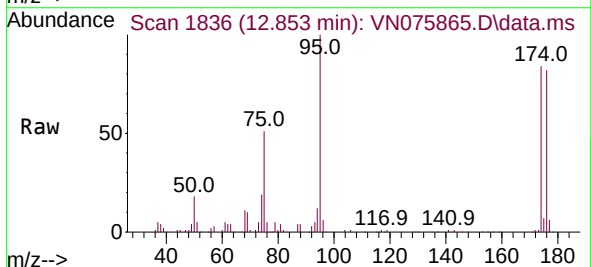
Instrument :
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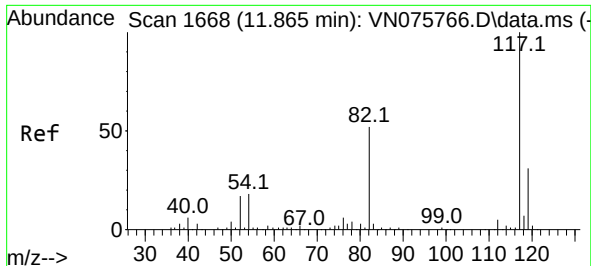
Tgt Ion: 98 Resp: 637037
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Tgt Ion: 95 Resp: 201806
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.6
176 83.1 0.0 169.2

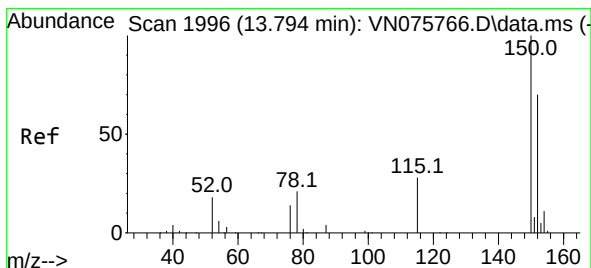
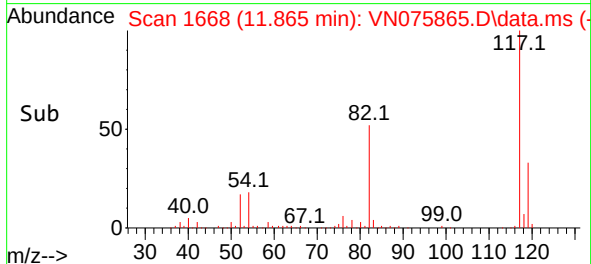
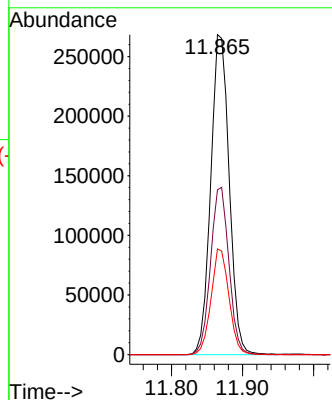
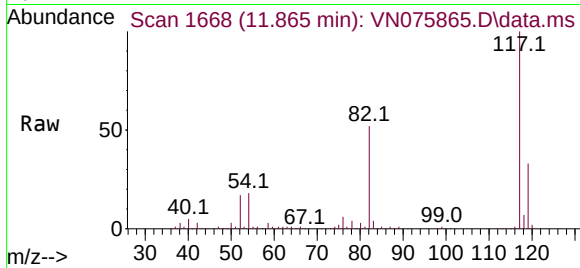




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBL01

Tgt Ion:117 Resp: 485503
Ion Ratio Lower Upper
117 100
82 51.5 41.3 61.9
119 33.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075865.D
Acq: 19 Dec 2022 12:46

Tgt Ion:152 Resp: 204052
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 158.4 0.0 347.0

