

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101022\
 Data File : VN074827.D
 Acq On : 10 Oct 2022 12:52
 Operator : JC\MD
 Sample : VN1010WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010WBL01

Quant Time: Oct 11 06:22:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	392851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	658868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	694175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	329157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	436550	46.899	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.800%
35) Dibromofluoromethane	8.177	113	345114	51.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.680%
50) Toluene-d8	10.571	98	1481315	51.859	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.847	95	367117	42.280	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.560%

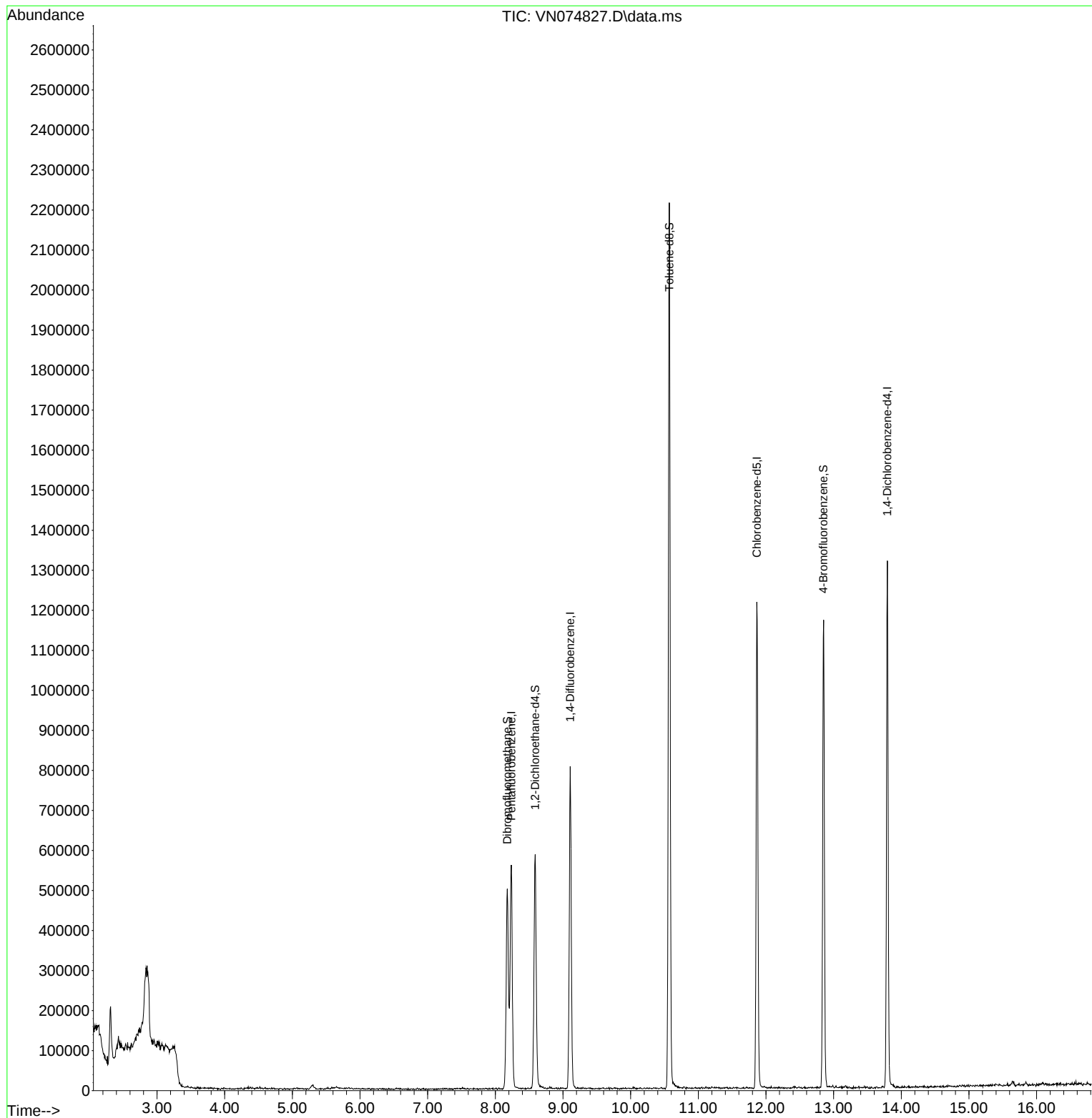
Target Compounds	Qvalue

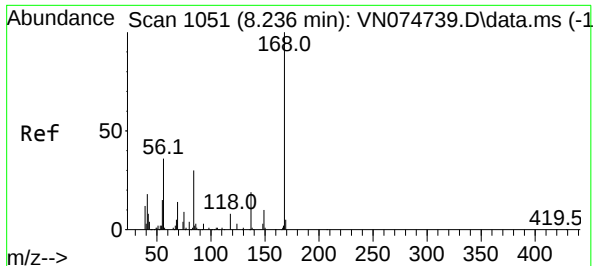
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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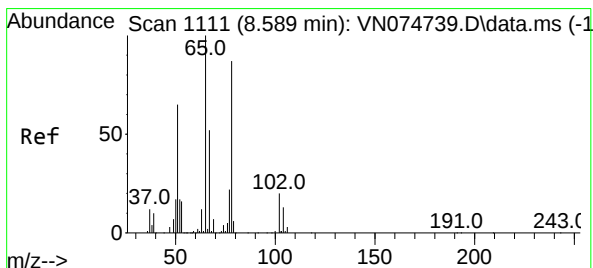
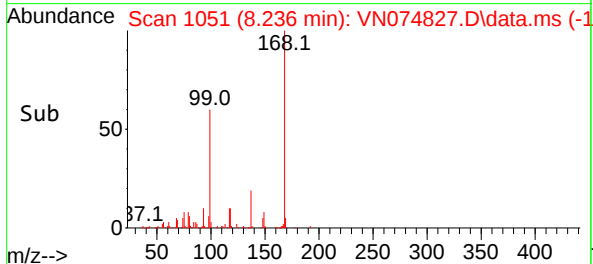
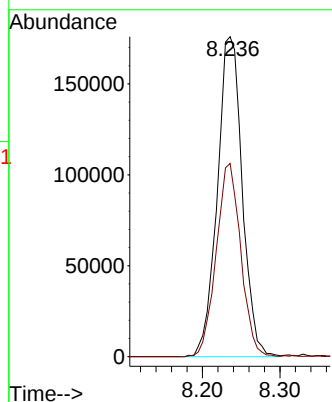
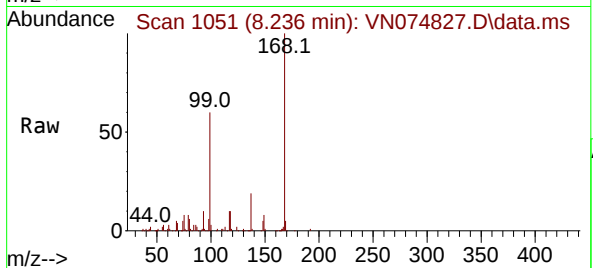




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

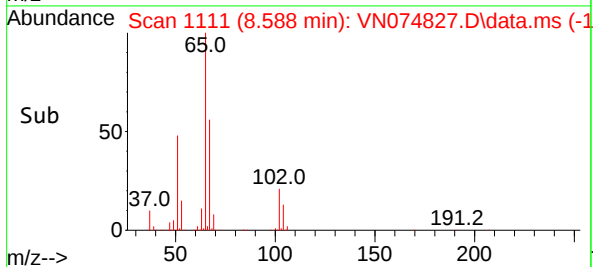
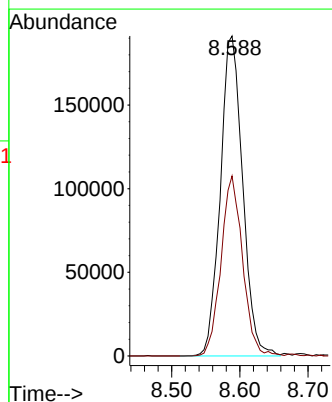
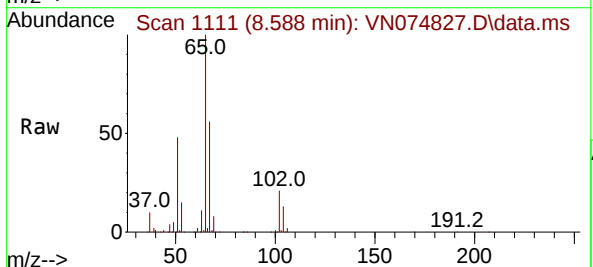
Instrument :
MSVOA_N
ClientSampleId :
VN1010WBL01

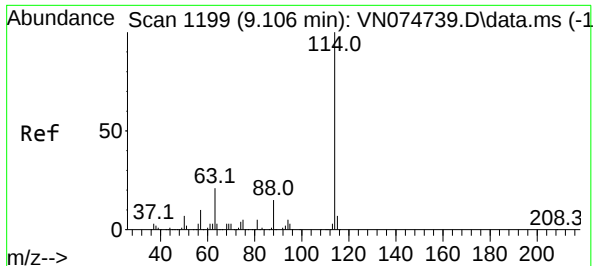
Tgt Ion:168 Resp: 392851
Ion Ratio Lower Upper
168 100
99 60.4 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 46.899 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

Tgt Ion: 65 Resp: 436550
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074827.D

Acq: 10 Oct 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

VN1010WBL01

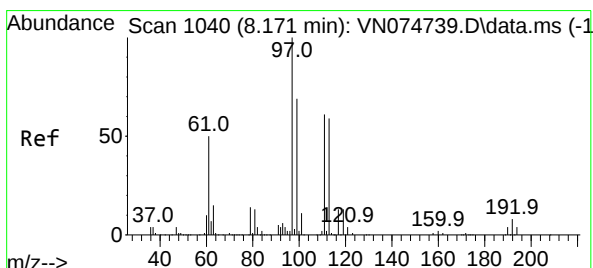
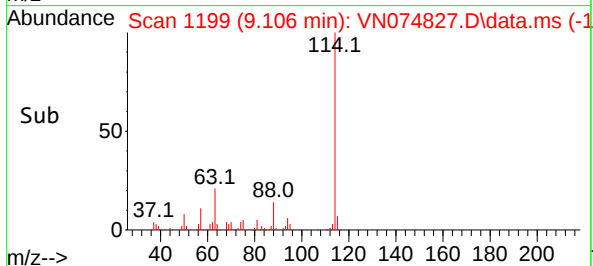
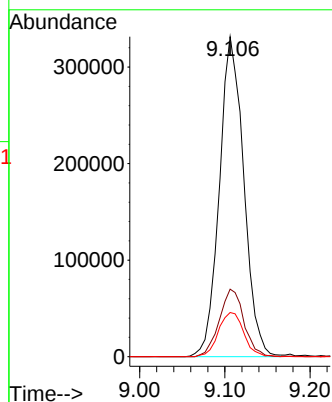
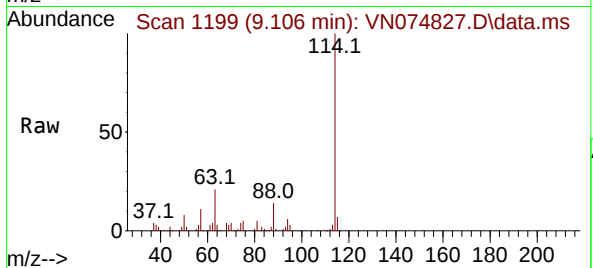
Tgt Ion:114 Resp: 658868

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.2

88 13.8 0.0 30.2



#35

Dibromofluoromethane

Concen: 51.843 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074827.D

Acq: 10 Oct 2022 12:52

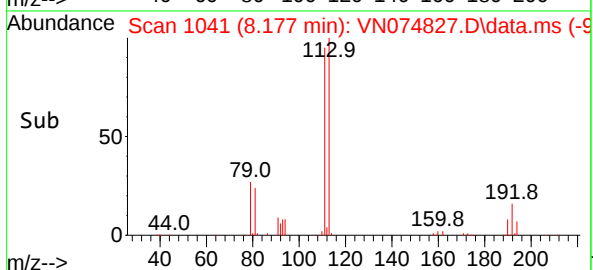
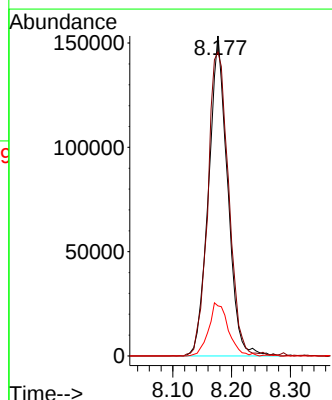
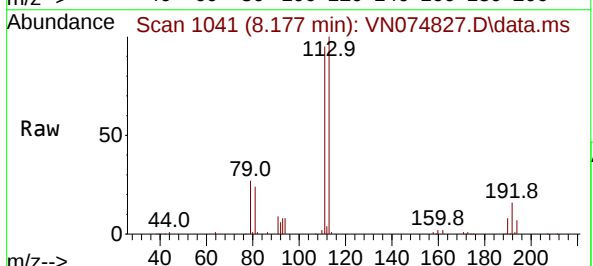
Tgt Ion:113 Resp: 345114

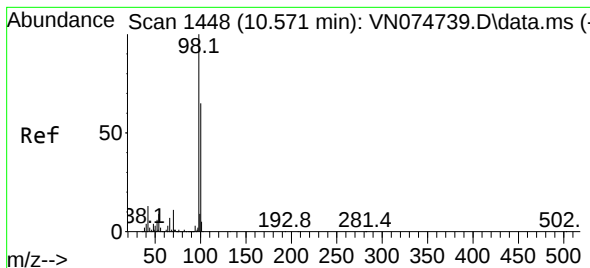
Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.6

192 17.2 12.6 18.8





#50

Toluene-d8

Concen: 51.859 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN074827.D

Acq: 10 Oct 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

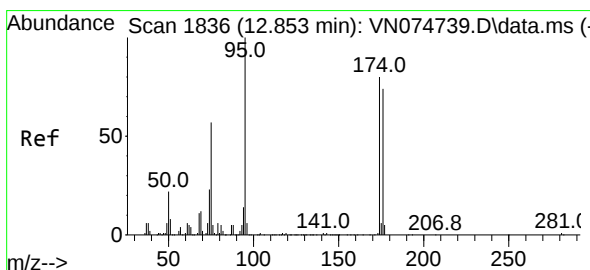
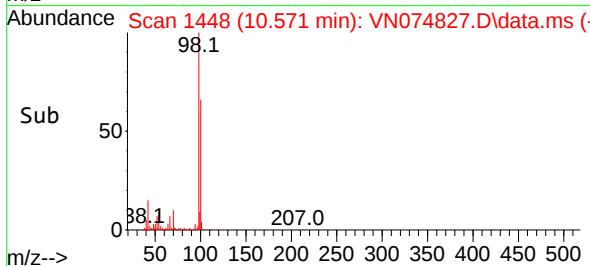
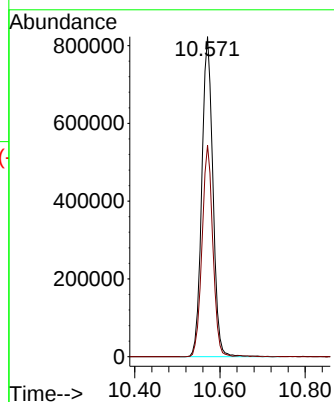
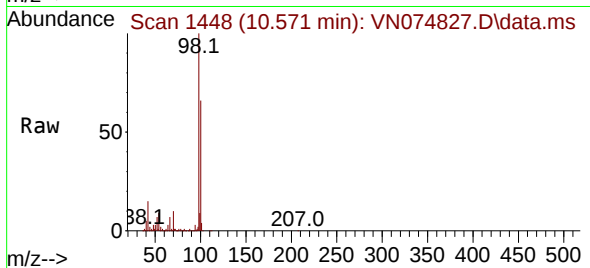
VN1010WBL01

Tgt Ion: 98 Resp: 1481315

Ion Ratio Lower Upper

98 100

100 64.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 42.280 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VN074827.D

Acq: 10 Oct 2022 12:52

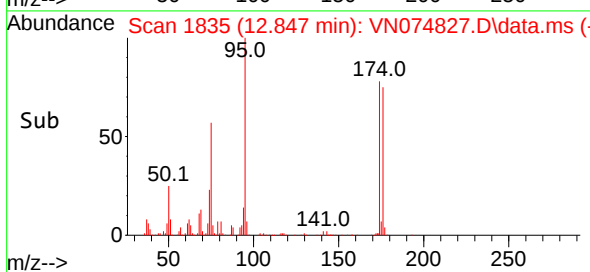
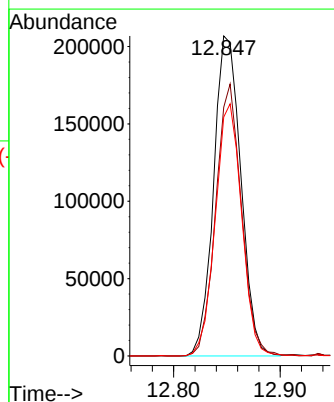
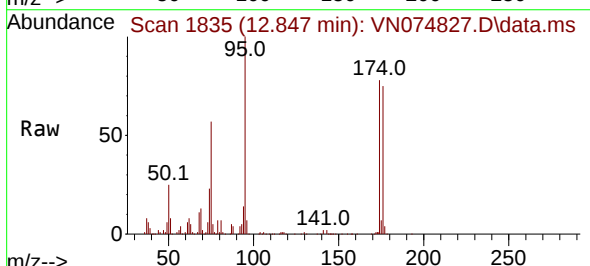
Tgt Ion: 95 Resp: 367117

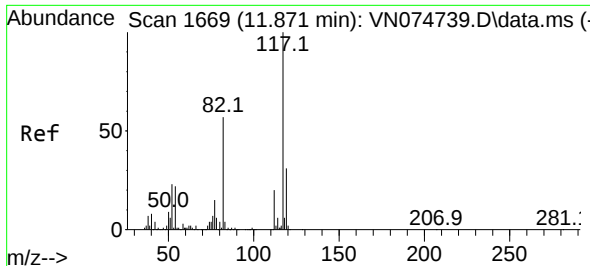
Ion Ratio Lower Upper

95 100

174 80.3 0.0 149.4

176 76.6 0.0 142.0

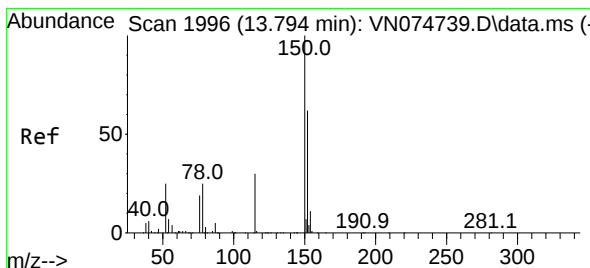
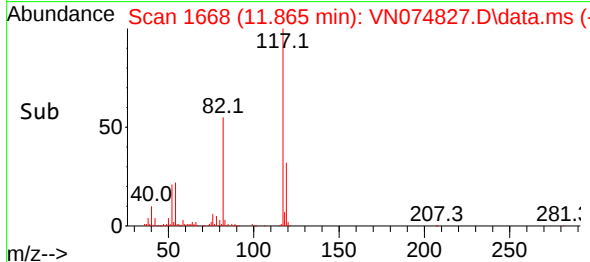
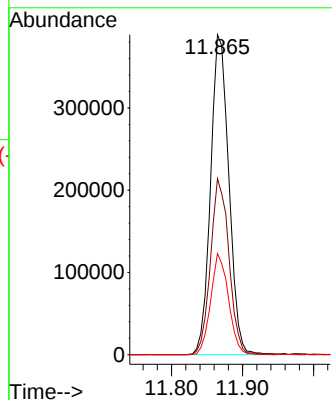
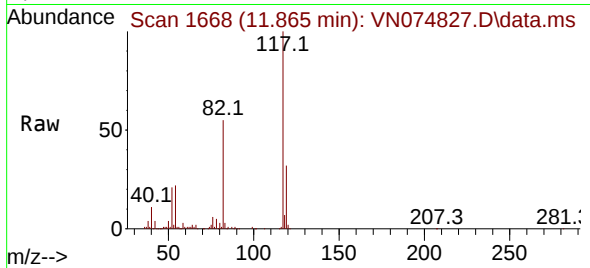




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN1010WBL01

Tgt Ion:117 Resp: 694175
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN074827.D
Acq: 10 Oct 2022 12:52

Tgt Ion:152 Resp: 329157
Ion Ratio Lower Upper
152 100
115 58.5 30.0 90.0
150 157.0 0.0 356.4

