

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075439.D
 Acq On : 28 Nov 2022 11:09
 Operator : JC\MD
 Sample : VN1128WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBL01

Quant Time: Nov 29 05:30:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	161205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	271779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	45727	52.844	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.680%
35) Dibromofluoromethane	8.171	113	54384	50.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.880%
50) Toluene-d8	10.571	98	114451	47.596	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.853	95	77988	43.940	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.880%

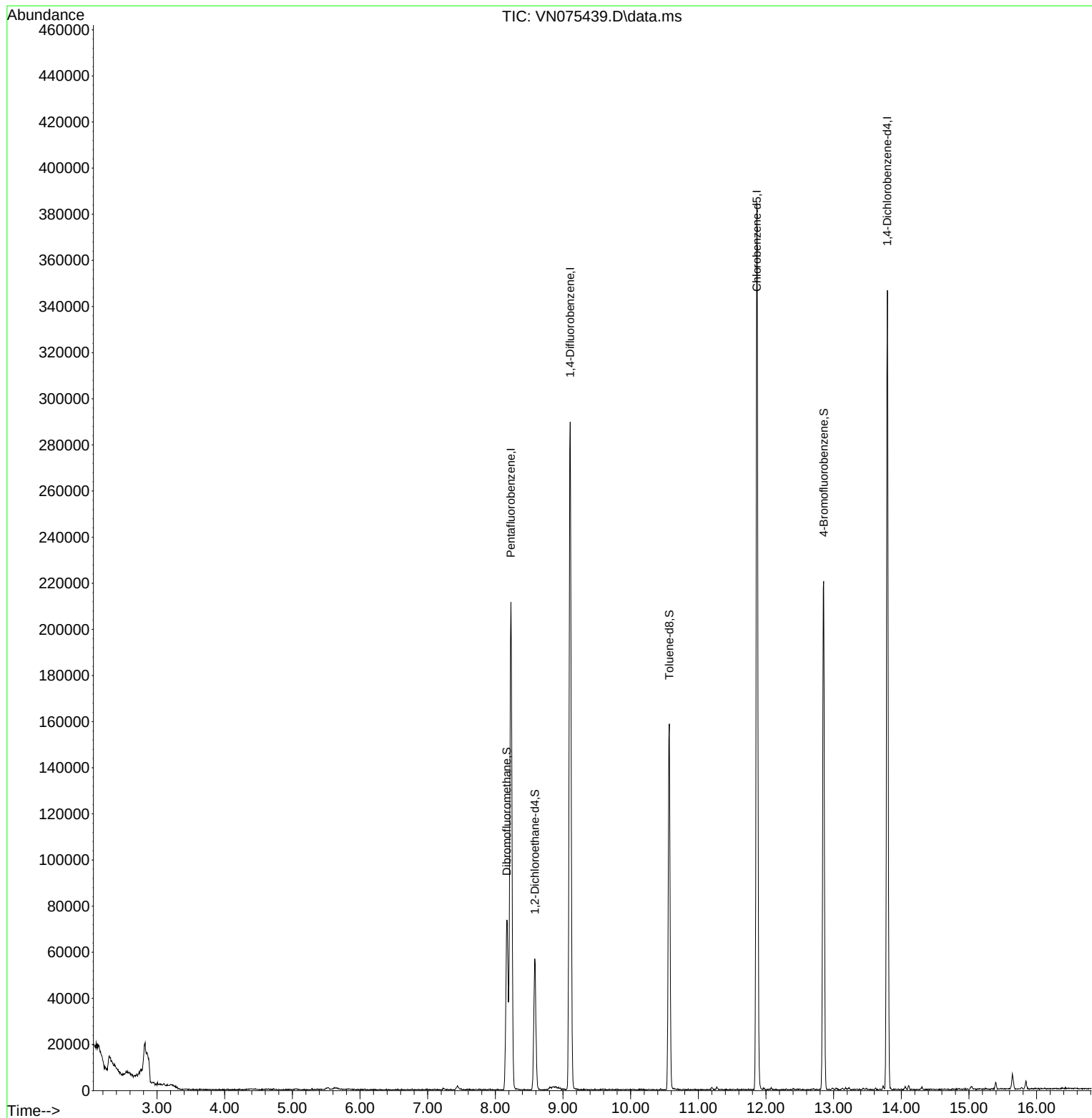
Target Compounds	Qvalue

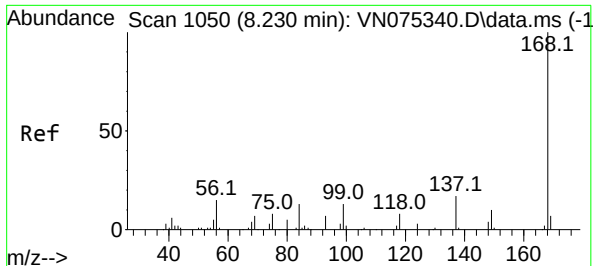
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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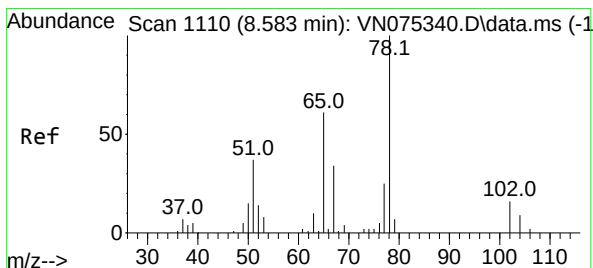
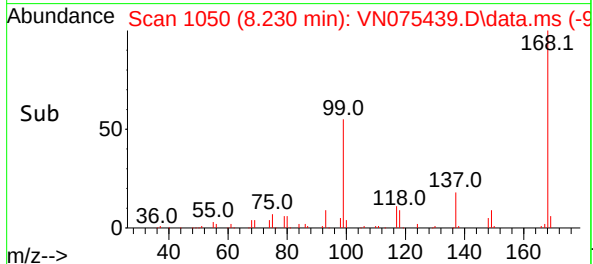
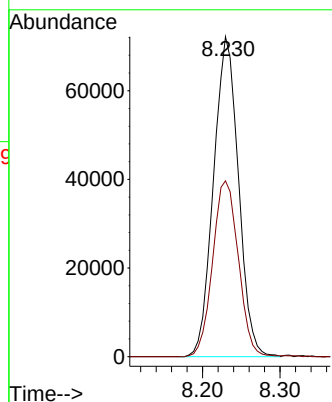
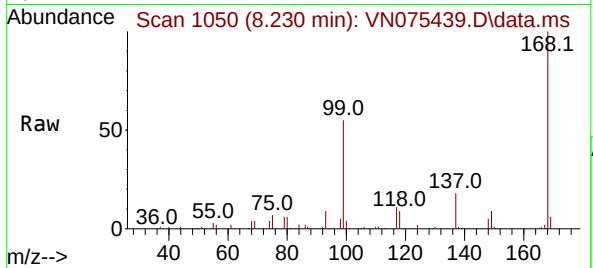




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075439.D
Acq: 28 Nov 2022 11:09

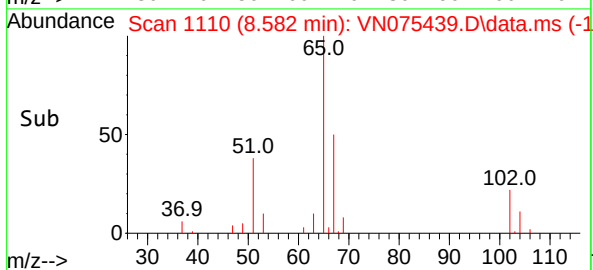
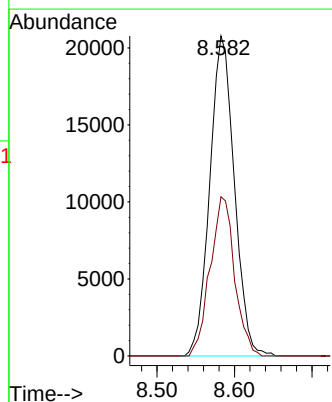
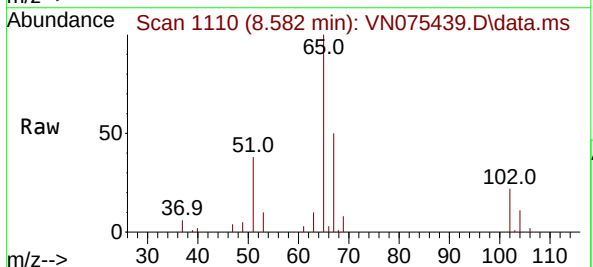
Instrument :
MSVOA_N
ClientSampleId :
VN1128WBL01

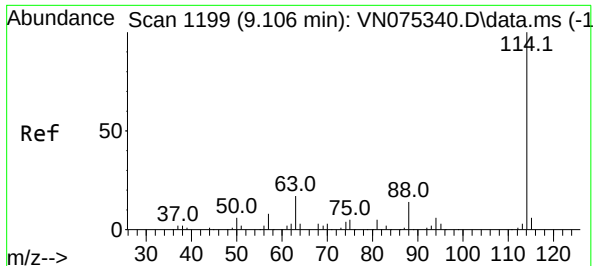
Tgt Ion:168 Resp: 161205
Ion Ratio Lower Upper
168 100
99 54.9 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 52.844 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075439.D
Acq: 28 Nov 2022 11:09

Tgt Ion: 65 Resp: 45727
Ion Ratio Lower Upper
65 100
67 49.5 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: VN075439.D

Acq: 28 Nov 2022 11:09

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBL01

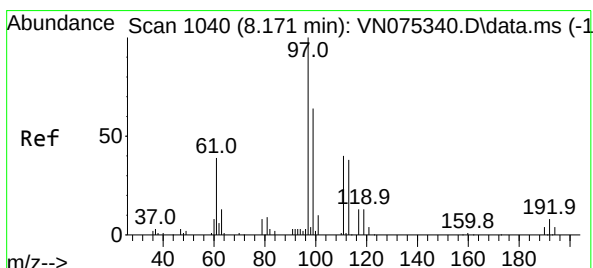
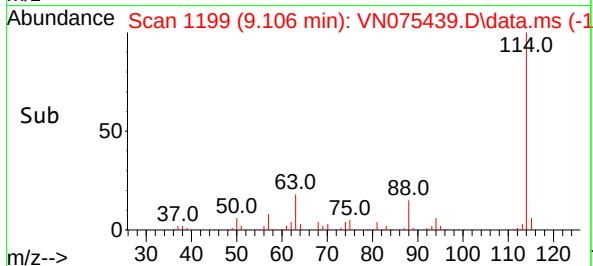
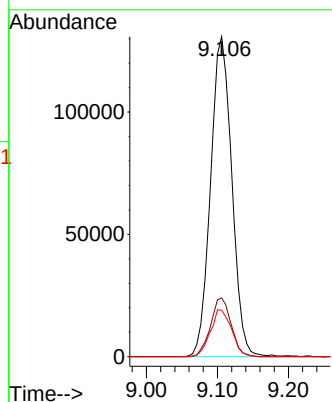
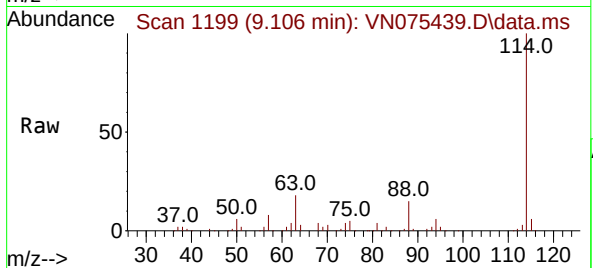
Tgt Ion:114 Resp: 271779

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.939 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075439.D

Acq: 28 Nov 2022 11:09

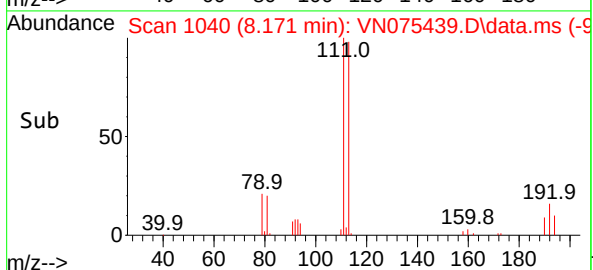
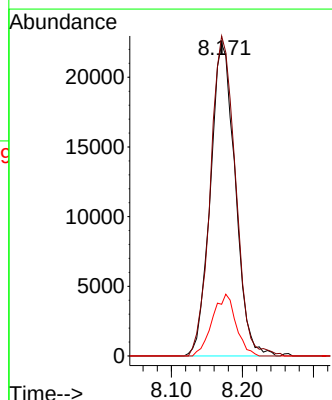
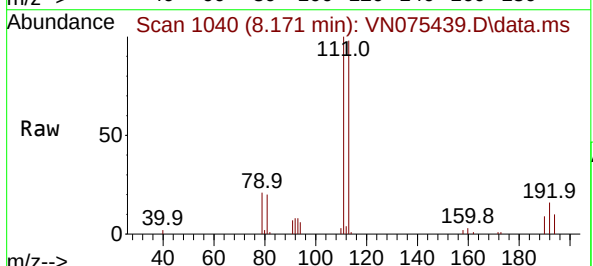
Tgt Ion:113 Resp: 54384

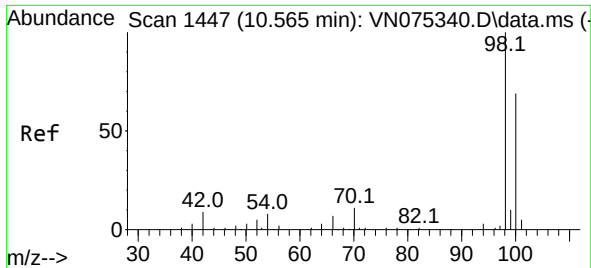
Ion Ratio Lower Upper

113 100

111 103.1 80.5 120.7

192 18.9 13.2 19.8

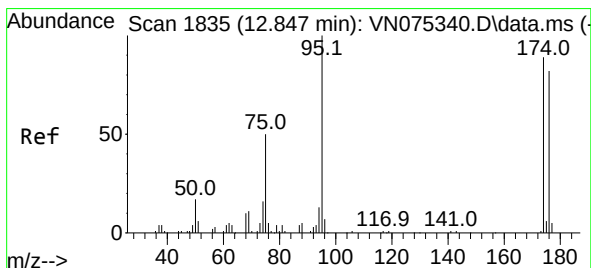
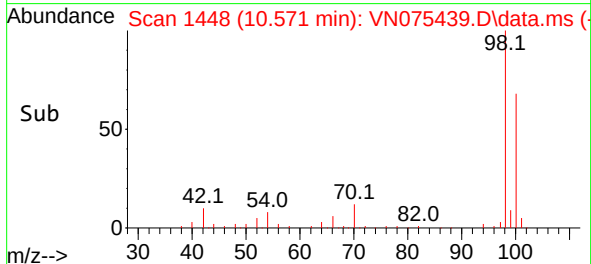
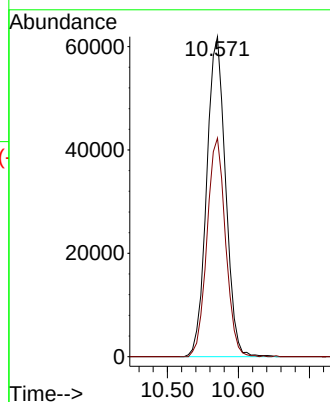
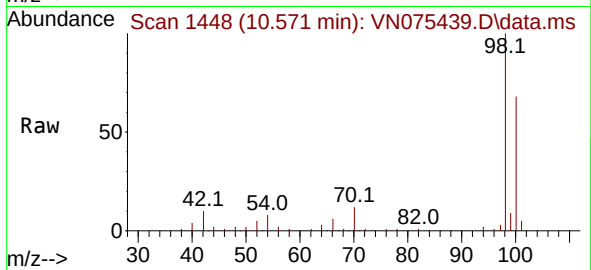




#50
Toluene-d8
Concen: 47.596 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075439.D
Acq: 28 Nov 2022 11:09

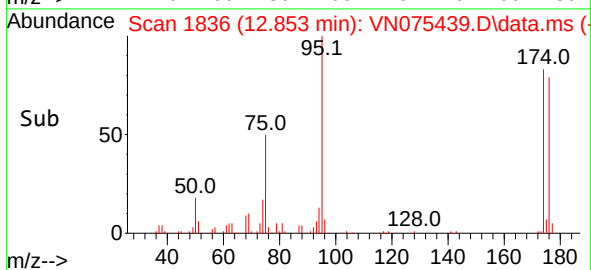
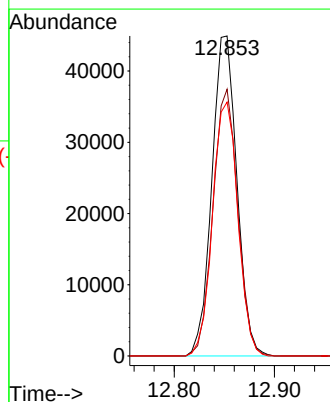
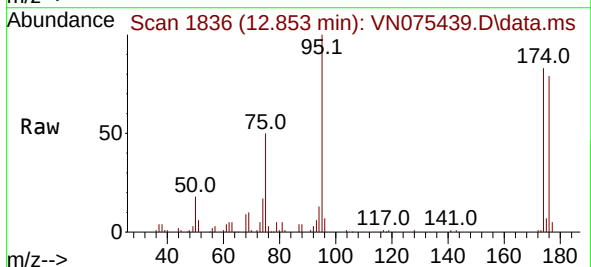
Instrument :
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VN1128WBL01

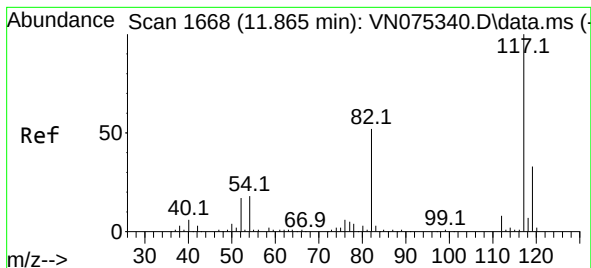
Tgt Ion: 98 Resp: 114451
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 43.940 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075439.D
Acq: 28 Nov 2022 11:09

Tgt Ion: 95 Resp: 77988
Ion Ratio Lower Upper
95 100
174 82.5 0.0 147.4
176 80.3 0.0 142.2

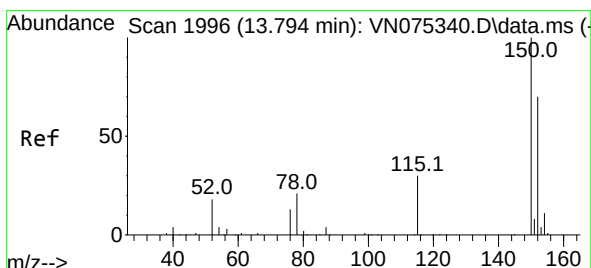
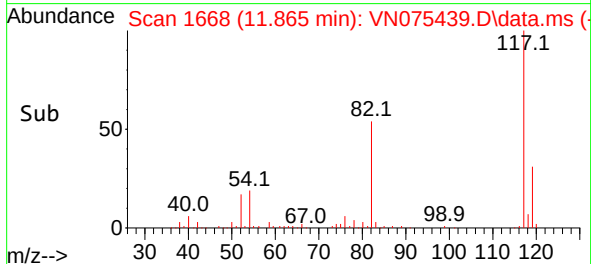
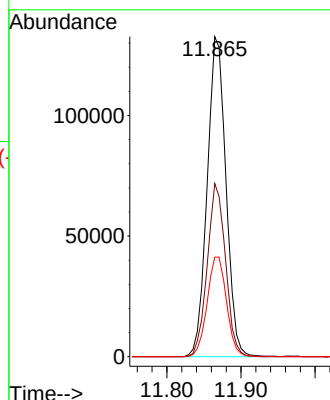
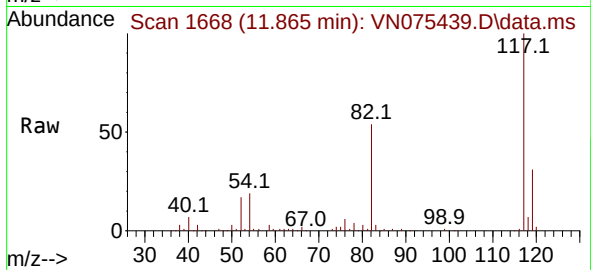




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075439.D
Acq: 28 Nov 2022 11:09

Instrument :
MSVOA_N
ClientSampleId :
VN1128WBL01

Tgt Ion:117 Resp: 233206
Ion Ratio Lower Upper
117 100
82 54.1 43.1 64.7
119 31.1 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: VN075439.D
Acq: 28 Nov 2022 11:09

Tgt Ion:152 Resp: 96579
Ion Ratio Lower Upper
152 100
115 60.0 30.2 90.6
150 158.5 0.0 348.4

