

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075310.D
 Acq On : 18 Nov 2022 14:08
 Operator : JC\MD
 Sample : VN1118WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBL01

Quant Time: Nov 19 05:05:36 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	151960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99010	48.357	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.720%
35) Dibromofluoromethane	8.171	113	84285	52.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.920%
50) Toluene-d8	10.565	98	314808	50.981	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.847	95	99384	45.817	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%

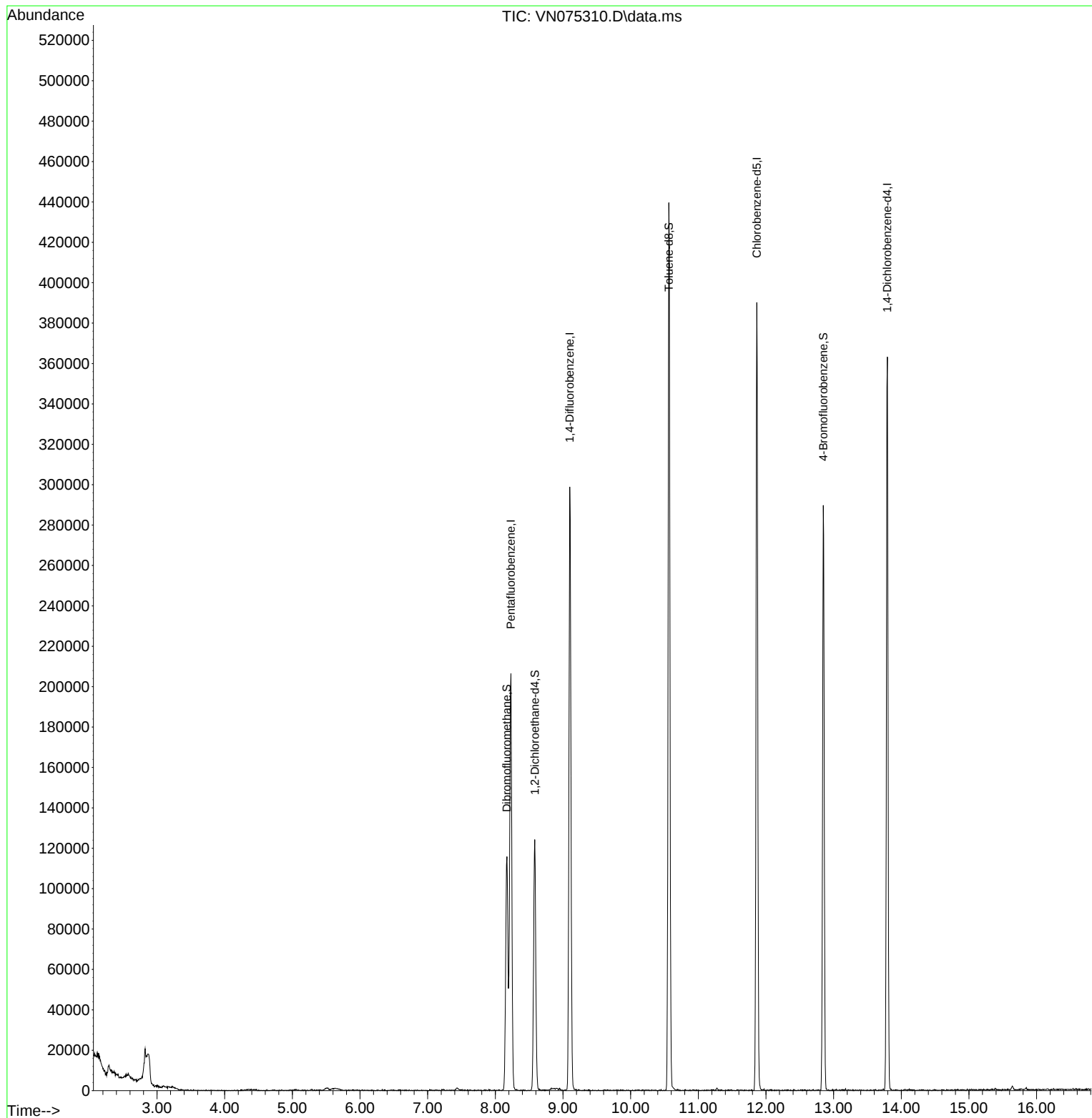
Target Compounds	Qvalue

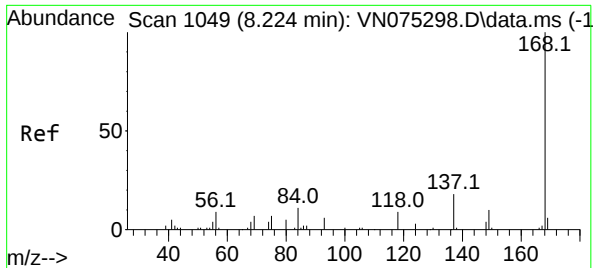
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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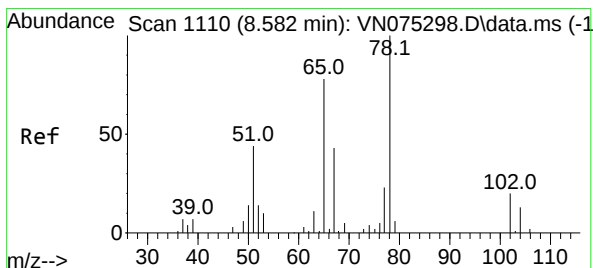
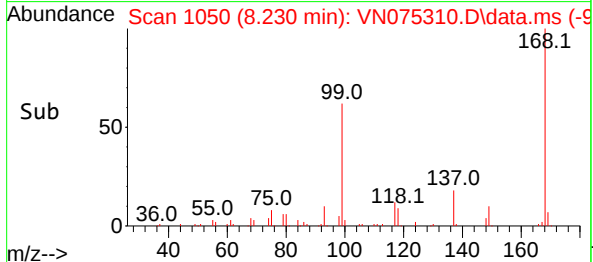
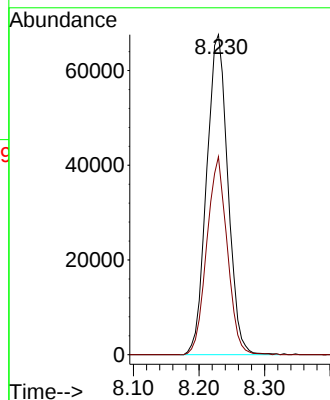
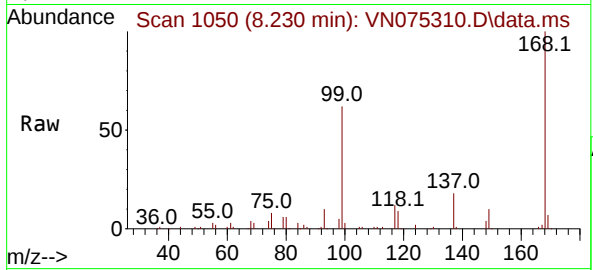




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11050
Delta R.T. -0.000 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

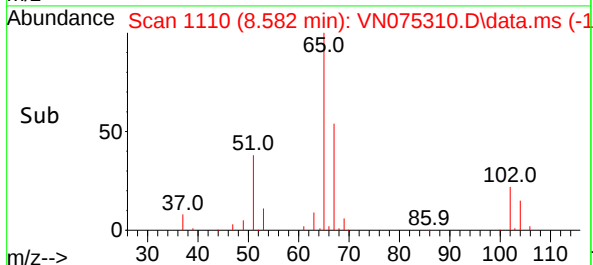
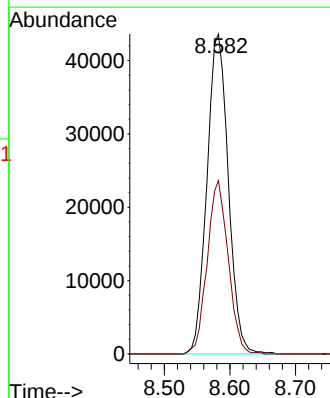
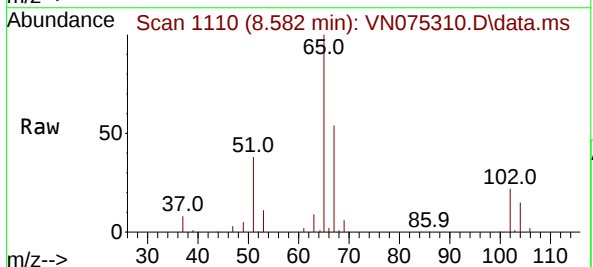
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBL01

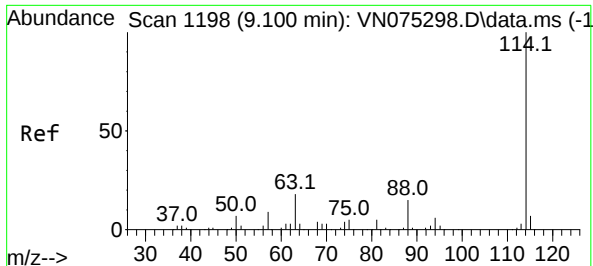
Tgt Ion:168 Resp: 151960
Ion Ratio Lower Upper
168 100
99 61.9 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 48.357 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

Tgt Ion: 65 Resp: 99010
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075310.D

Acq: 18 Nov 2022 14:08

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBL01

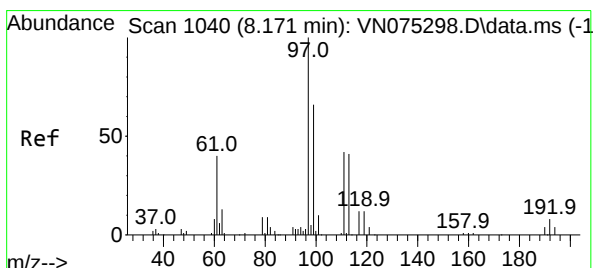
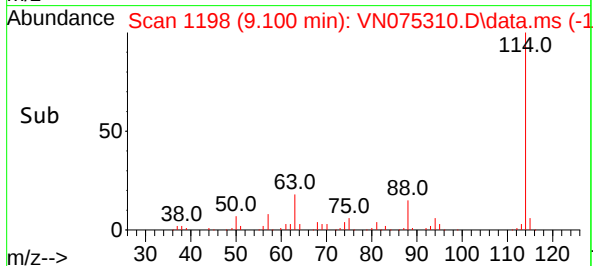
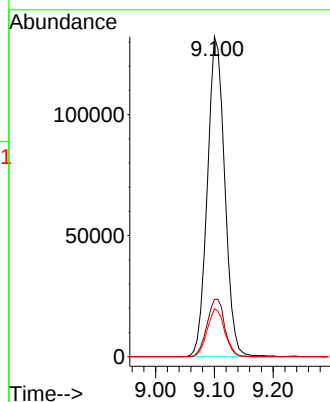
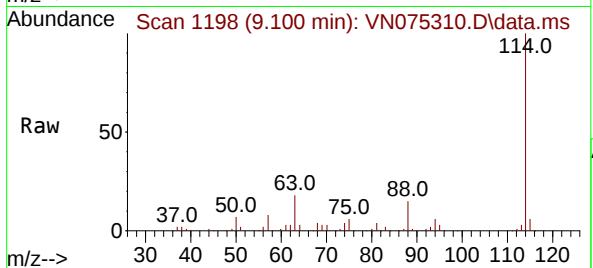
Tgt Ion:114 Resp: 271119

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.956 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075310.D

Acq: 18 Nov 2022 14:08

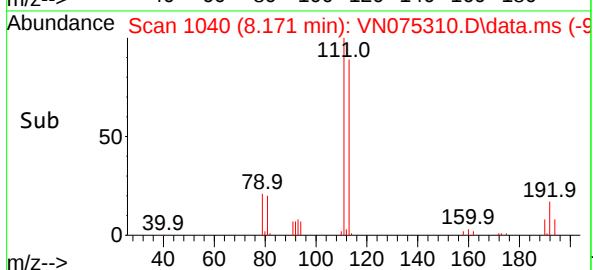
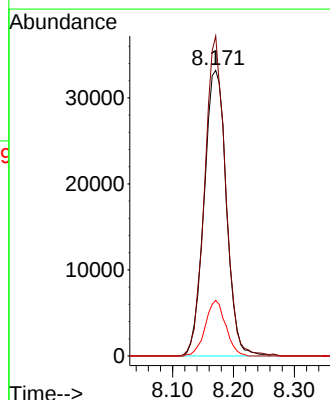
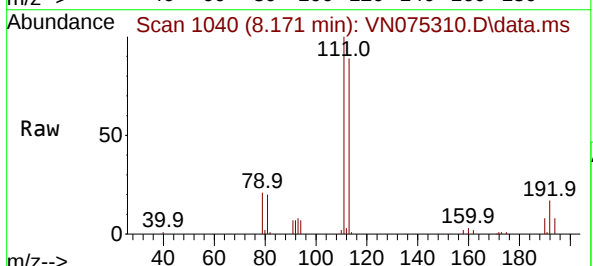
Tgt Ion:113 Resp: 84285

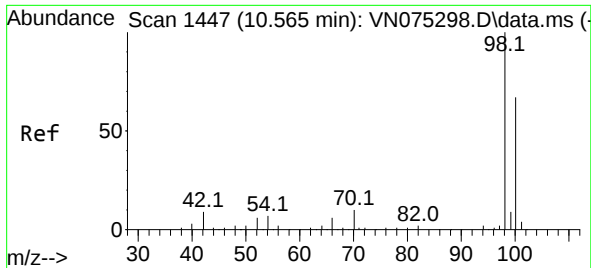
Ion Ratio Lower Upper

113 100

111 104.6 80.5 120.7

192 17.8 13.2 19.8

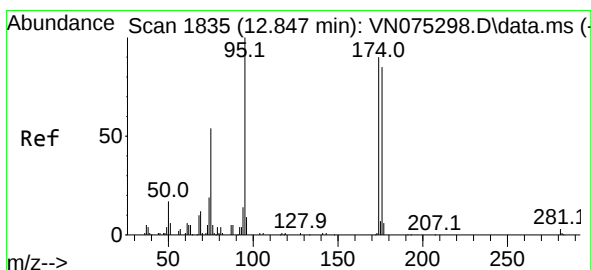
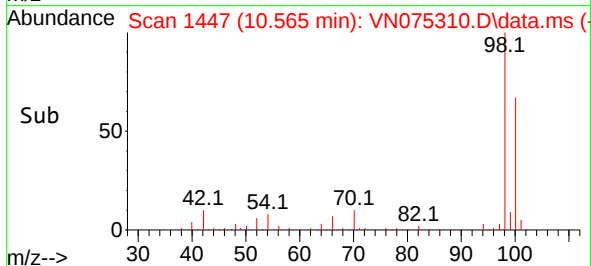
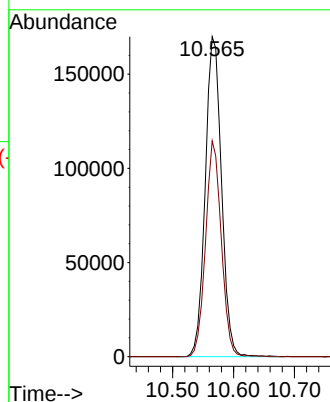
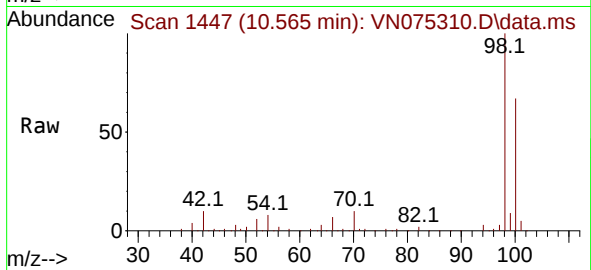




#50
Toluene-d8
Concen: 50.981 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

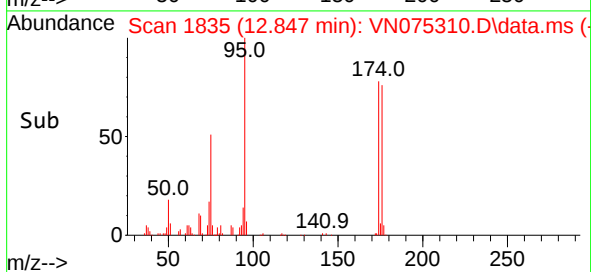
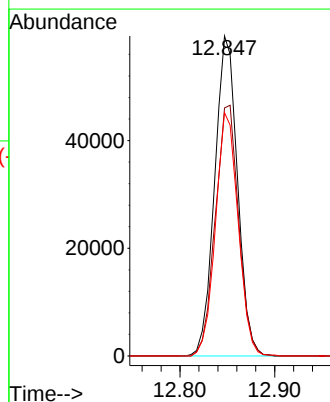
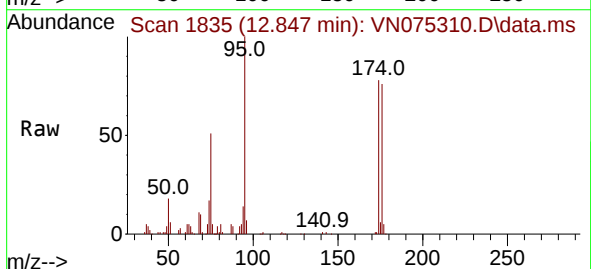
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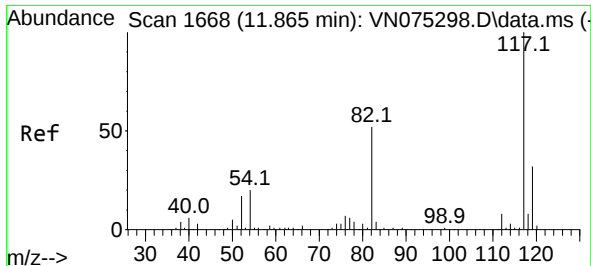
Tgt Ion: 98 Resp: 314808
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.817 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

Tgt Ion: 95 Resp: 99384
Ion Ratio Lower Upper
95 100
174 80.2 0.0 147.4
176 75.5 0.0 142.2

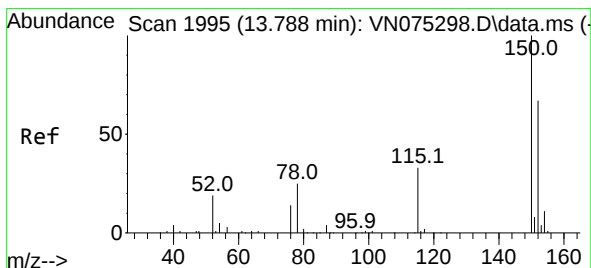
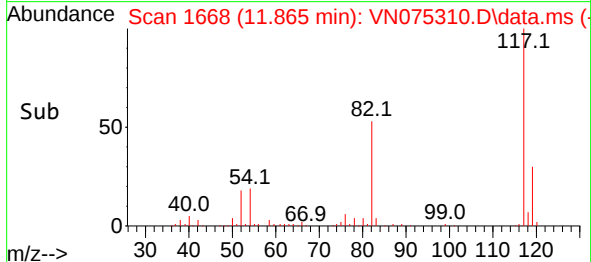
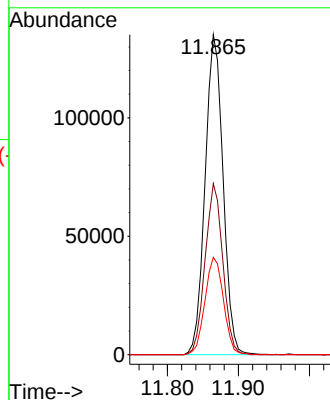
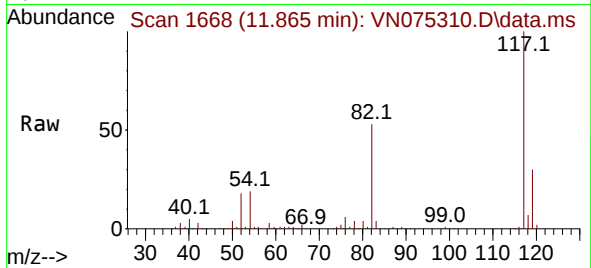




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075310.D
Acq: 18 Nov 2022 14:08

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBL01

Tgt Ion:117 Resp: 237951
Ion Ratio Lower Upper
117 100
82 53.5 43.1 64.7
119 30.5 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: VN075310.D
Acq: 18 Nov 2022 14:08

Tgt Ion:152 Resp: 100659
Ion Ratio Lower Upper
152 100
115 58.8 30.2 90.6
150 157.5 0.0 348.4

