

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113022\
 Data File : VN075491.D
 Acq On : 30 Nov 2022 09:54
 Operator : JC\MD
 Sample : VN1130WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBL01

Quant Time: Dec 01 02:12:38 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	8.224	168	123963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	218697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	184365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	34260	51.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.980%
35) Dibromofluoromethane	8.165	113	41030	47.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	10.565	98	83774	43.295	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.580%
62) 4-Bromofluorobenzene	12.853	95	60213	42.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.320%

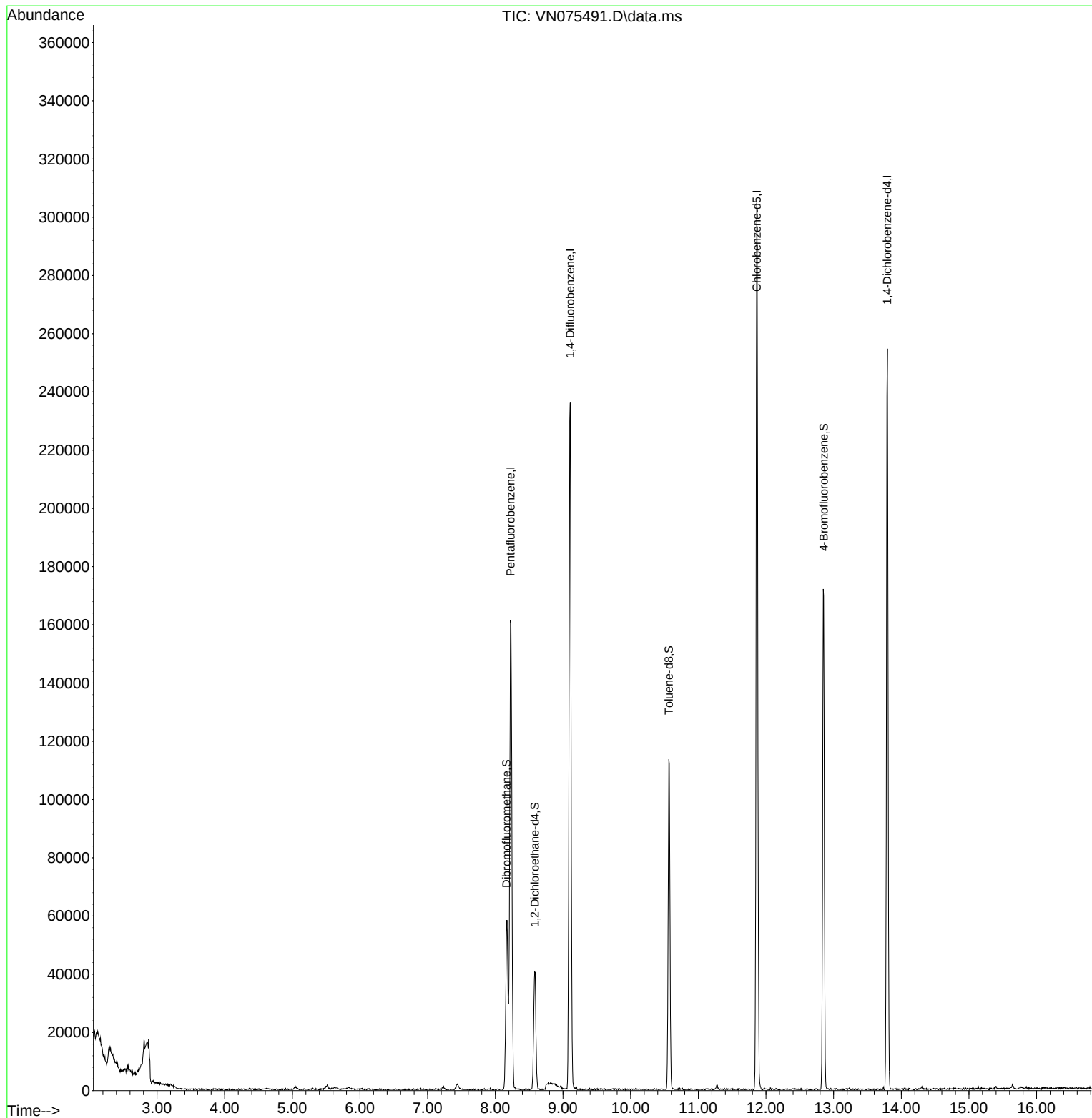
Target Compounds	Qvalue

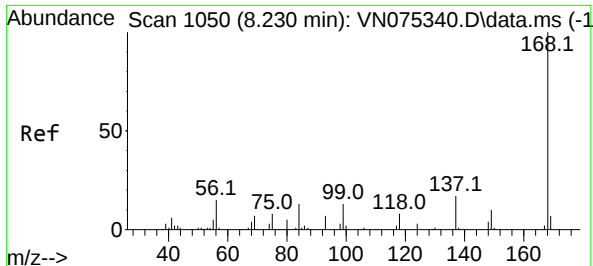
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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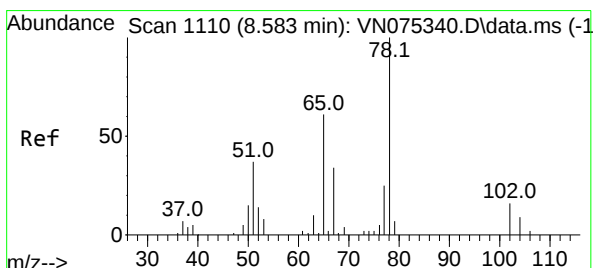
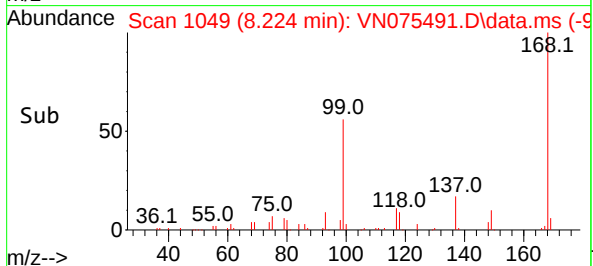
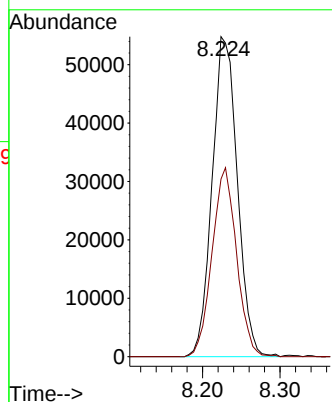
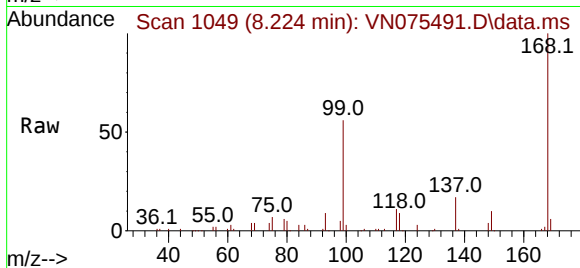




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075491.D
Acq: 30 Nov 2022 09:54

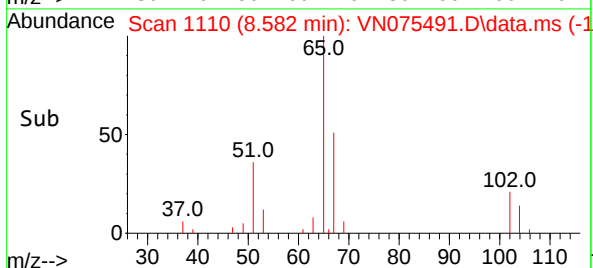
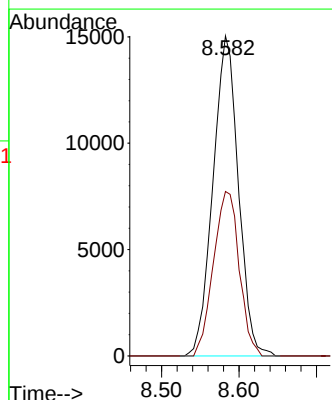
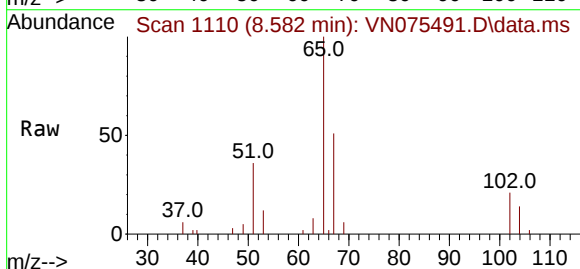
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBL01

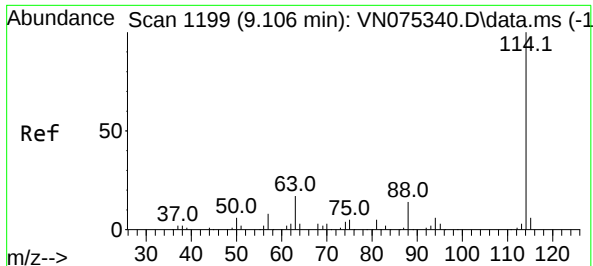
Tgt Ion:168 Resp: 123963
Ion Ratio Lower Upper
168 100
99 55.5 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 51.487 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075491.D
Acq: 30 Nov 2022 09:54

Tgt Ion: 65 Resp: 34260
Ion Ratio Lower Upper
65 100
67 52.2 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: VN075491.D

Acq: 30 Nov 2022 09:54

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBL01

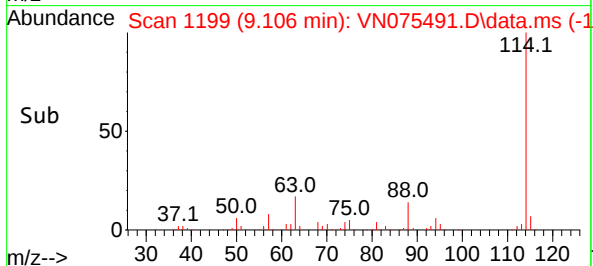
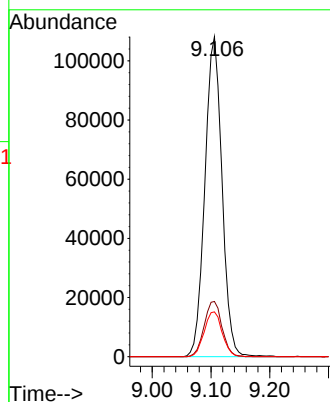
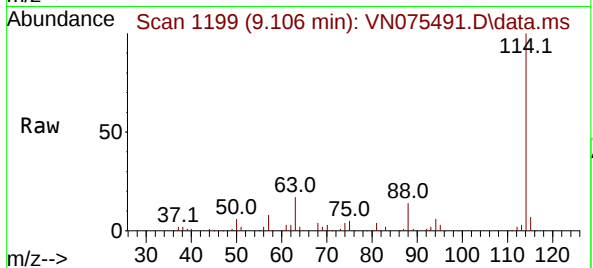
Tgt Ion:114 Resp: 218697

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 47.759 ug/l

RT: 8.165 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VN075491.D

Acq: 30 Nov 2022 09:54

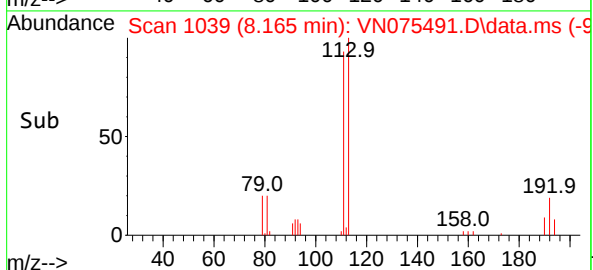
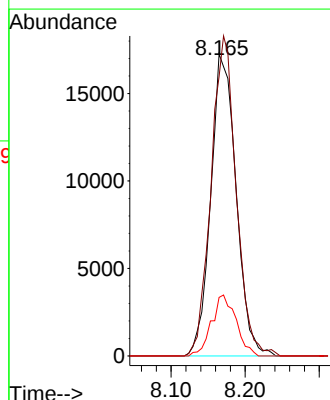
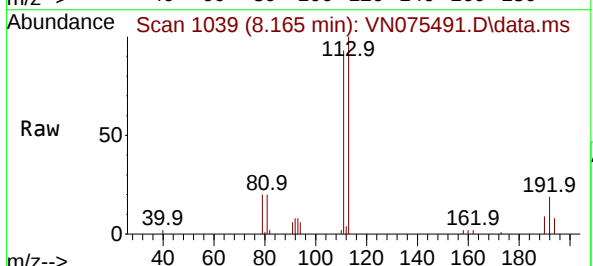
Tgt Ion:113 Resp: 41030

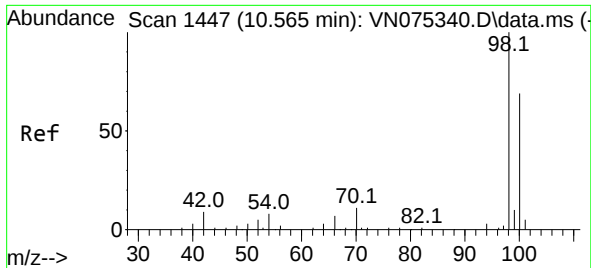
Ion Ratio Lower Upper

113 100

111 104.6 80.5 120.7

192 19.5 13.2 19.8

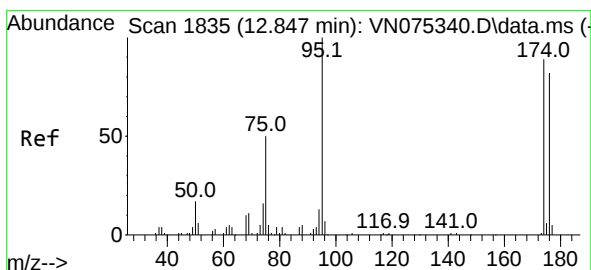
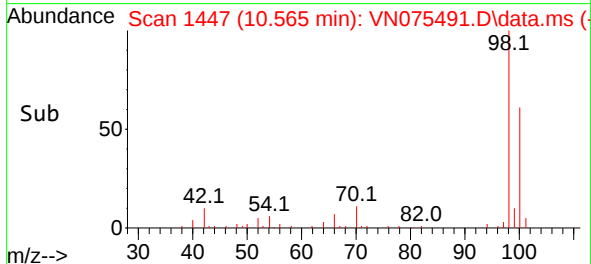
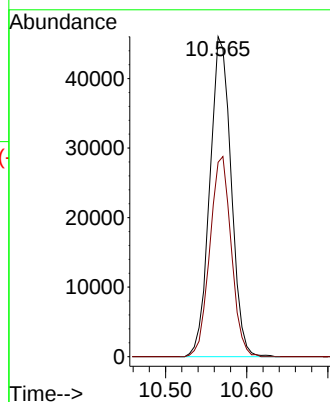
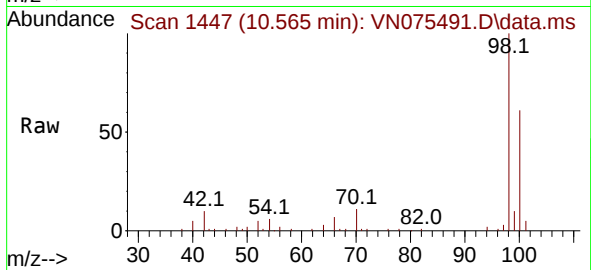




#50
Toluene-d8
Concen: 43.295 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075491.D
Acq: 30 Nov 2022 09:54

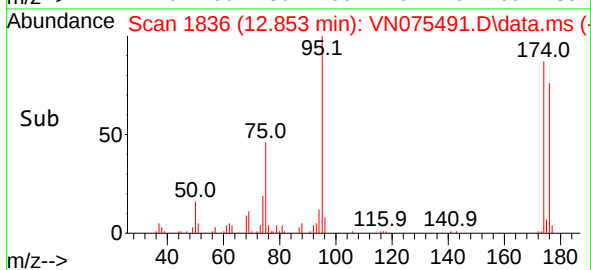
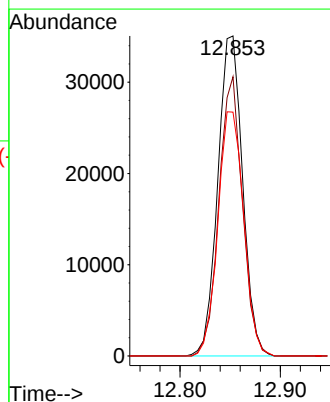
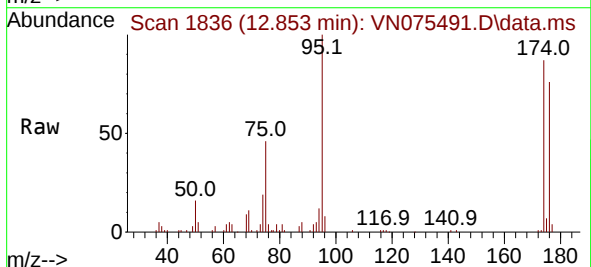
Instrument :
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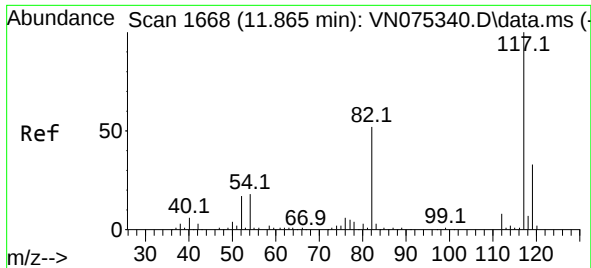
Tgt Ion: 98 Resp: 83774
Ion Ratio Lower Upper
98 100
100 62.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 42.160 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075491.D
Acq: 30 Nov 2022 09:54

Tgt Ion: 95 Resp: 60213
Ion Ratio Lower Upper
95 100
174 82.8 0.0 147.4
176 79.4 0.0 142.2

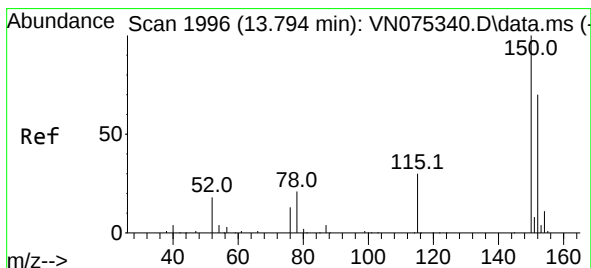
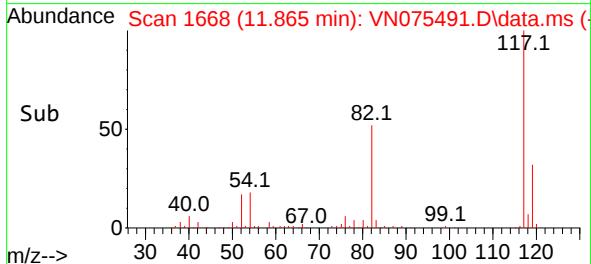
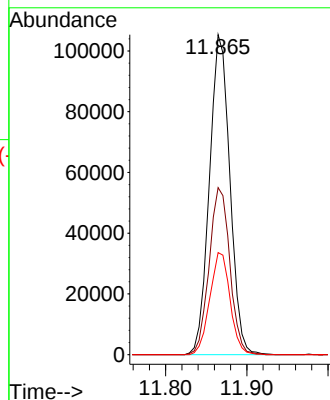
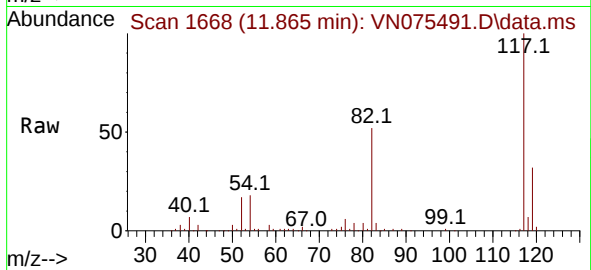




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075491.D
Acq: 30 Nov 2022 09:54

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBL01

Tgt Ion:117 Resp: 184365
Ion Ratio Lower Upper
117 100
82 52.2 43.1 64.7
119 31.9 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: VN075491.D
Acq: 30 Nov 2022 09:54

Tgt Ion:152 Resp: 72000
Ion Ratio Lower Upper
152 100
115 59.8 30.2 90.6
150 158.0 0.0 348.4

