

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074953.D
 Acq On : 21 Oct 2022 11:06
 Operator : JC\MD
 Sample : VN1021MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021MBL01

Quant Time: Oct 22 02:51:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	654203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1105456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1093352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	613839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	724844	41.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.400%
35) Dibromofluoromethane	8.171	113	580637	44.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.260%
50) Toluene-d8	10.565	98	2294228	45.445	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.900%
62) 4-Bromofluorobenzene	12.847	95	789993	44.363	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.720%

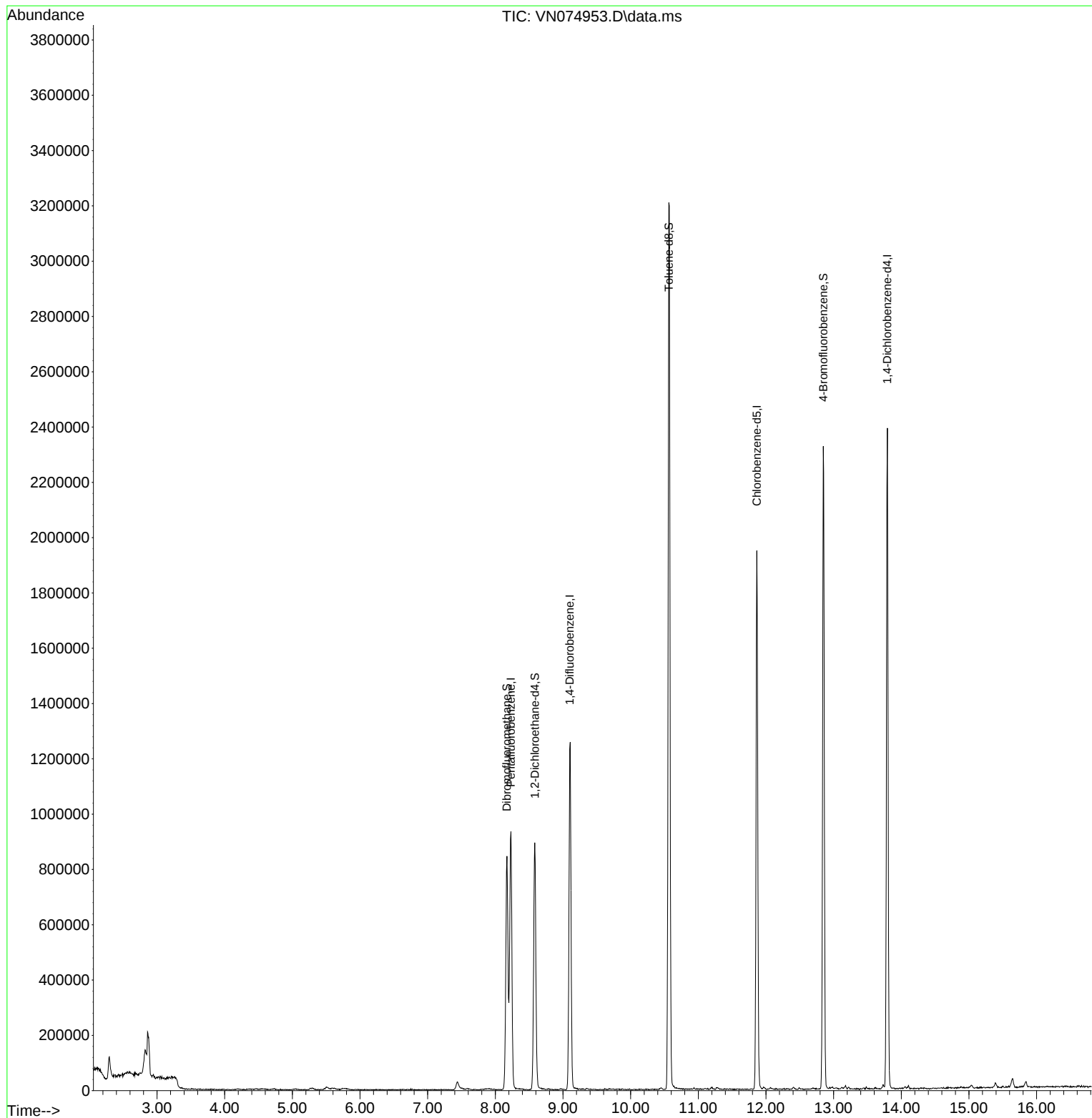
Target Compounds	Qvalue

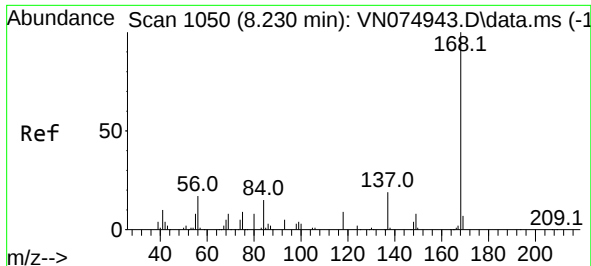
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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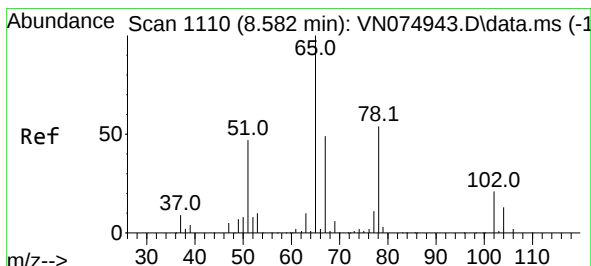
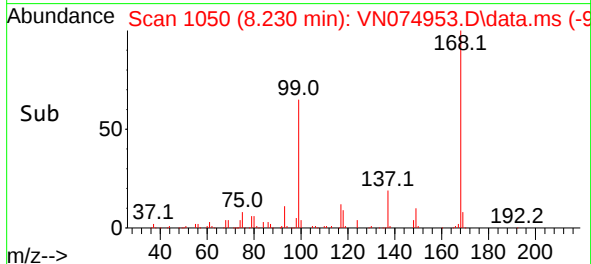
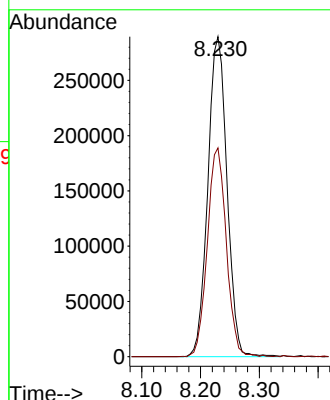
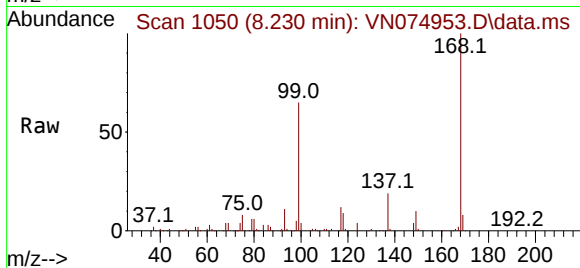




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN074953.D
Acq: 21 Oct 2022 11:06

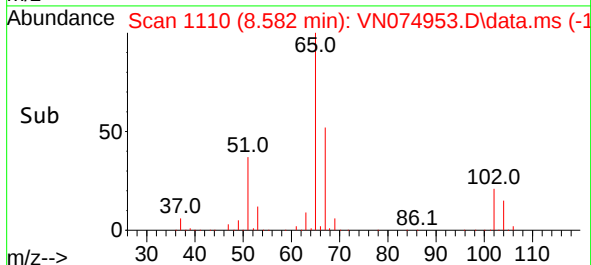
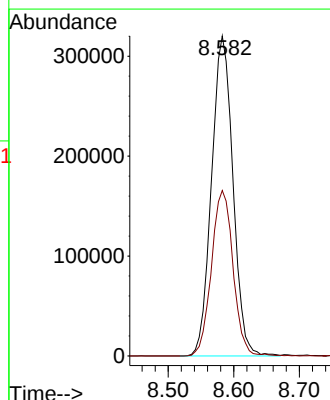
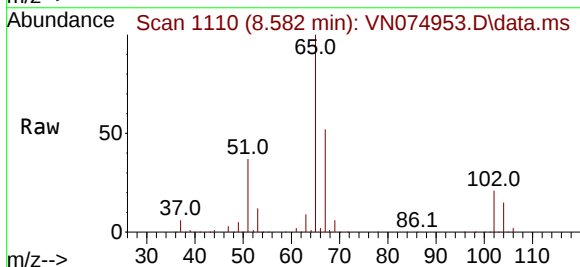
Instrument :
MSVOA_N
ClientSampleId :
VN1021MBL01

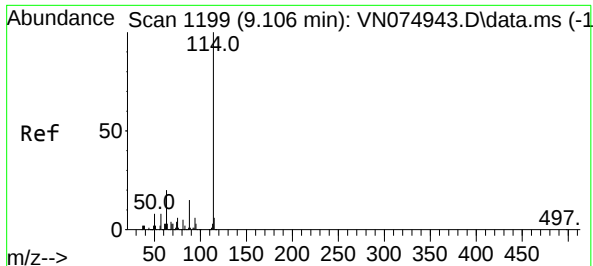
Tgt Ion:168 Resp: 654203
Ion Ratio Lower Upper
168 100
99 65.3 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 41.702 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074953.D
Acq: 21 Oct 2022 11:06

Tgt Ion: 65 Resp: 724844
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN074953.D

Acq: 21 Oct 2022 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN1021MBL01

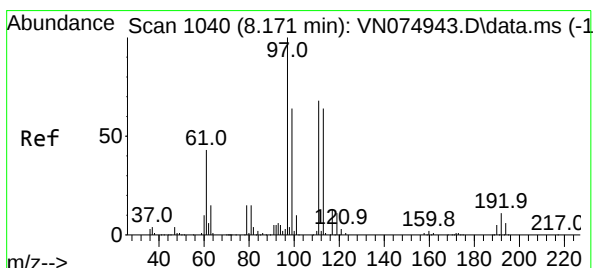
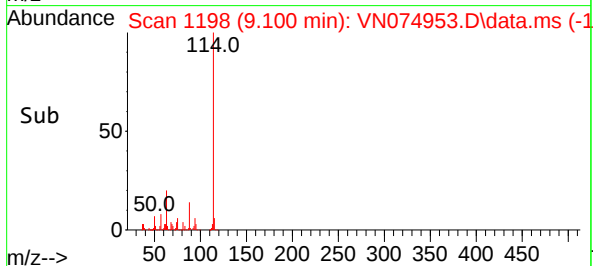
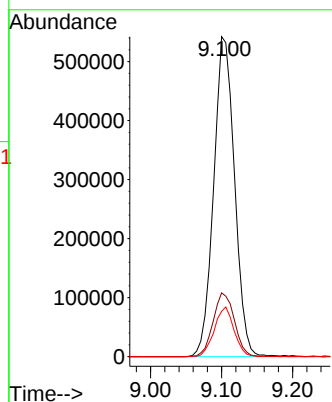
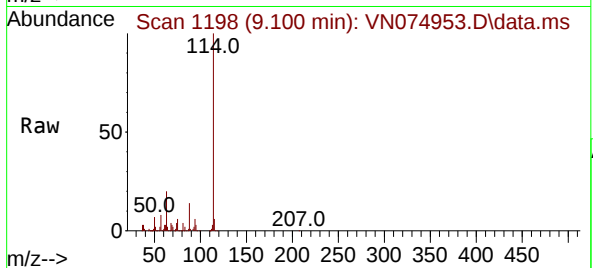
Tgt Ion:114 Resp: 1105456

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 14.1 0.0 30.4



#35

Dibromofluoromethane

Concen: 44.129 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN074953.D

Acq: 21 Oct 2022 11:06

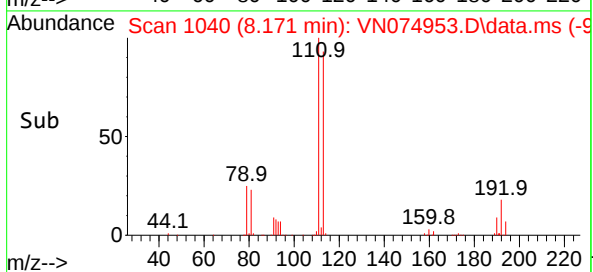
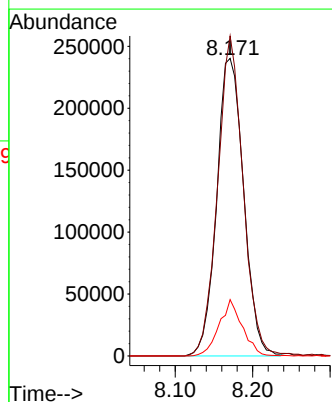
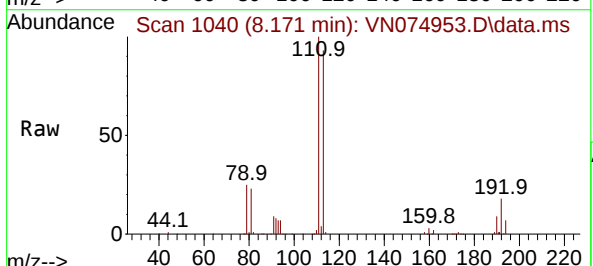
Tgt Ion:113 Resp: 580637

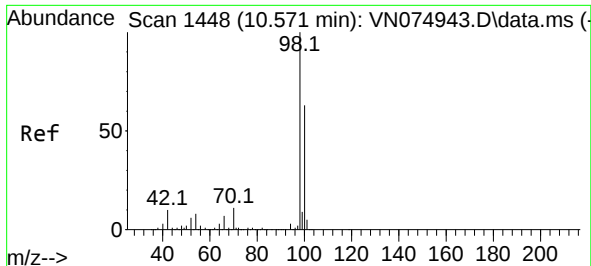
Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 16.3 13.3 19.9

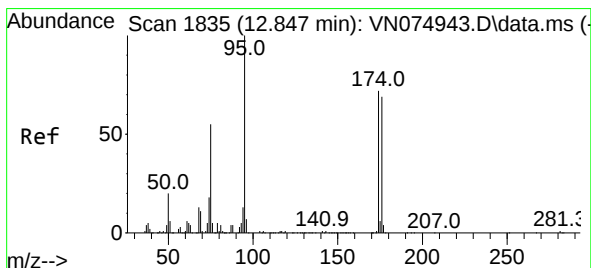
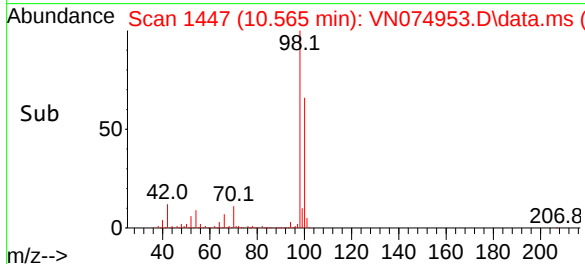
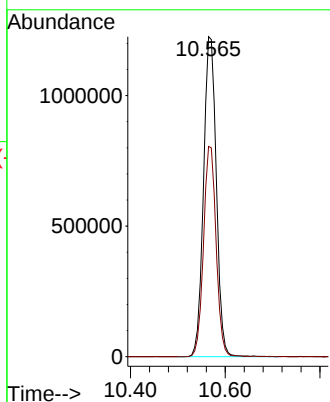
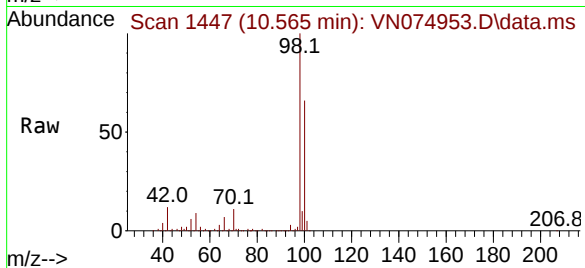




#50
Toluene-d8
Concen: 45.445 ug/l
RT: 10.565 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN074953.D
Acq: 21 Oct 2022 11:06

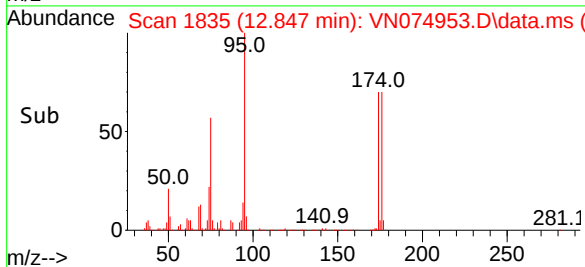
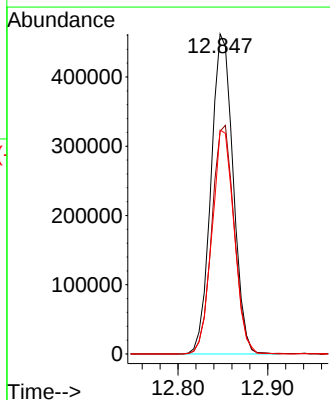
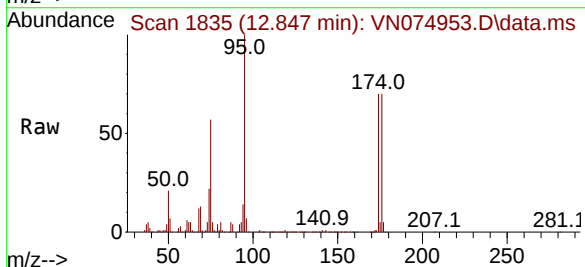
Instrument :
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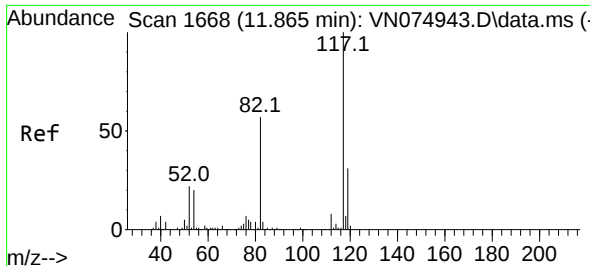
Tgt Ion: 98 Resp: 2294228
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 44.363 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN074953.D
Acq: 21 Oct 2022 11:06

Tgt Ion: 95 Resp: 789993
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.0
176 70.0 0.0 138.2

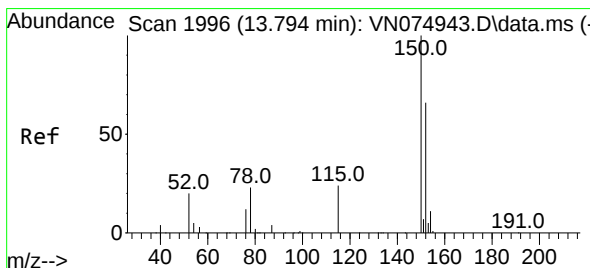
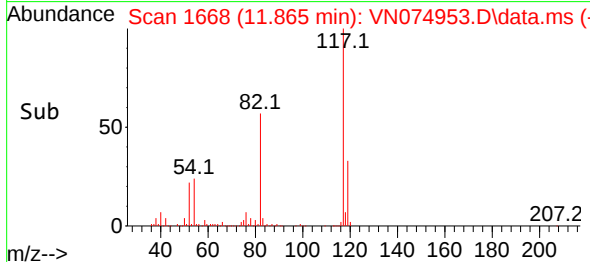
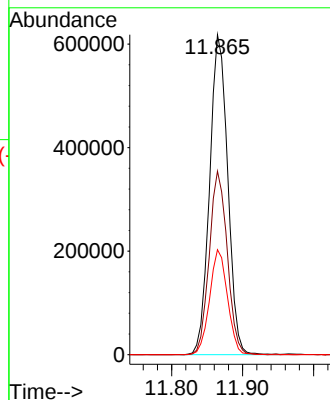
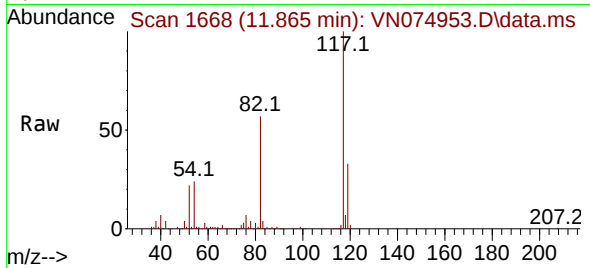




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074953.D
Acq: 21 Oct 2022 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN1021MBL01

Tgt Ion:117 Resp: 1093352
Ion Ratio Lower Upper
117 100
82 57.3 45.6 68.4
119 32.8 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: VN074953.D
Acq: 21 Oct 2022 11:06

Tgt Ion:152 Resp: 613839
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.8
150 157.2 0.0 349.6

