

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074955.D
 Acq On : 21 Oct 2022 12:25
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 22 03:07:47 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	8.229	168	616760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1029017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1027915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	519317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	696271	42.490	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.980%
35) Dibromofluoromethane	8.171	113	544326	44.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	10.570	98	2204265	46.907	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.853	95	707045	42.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.300%

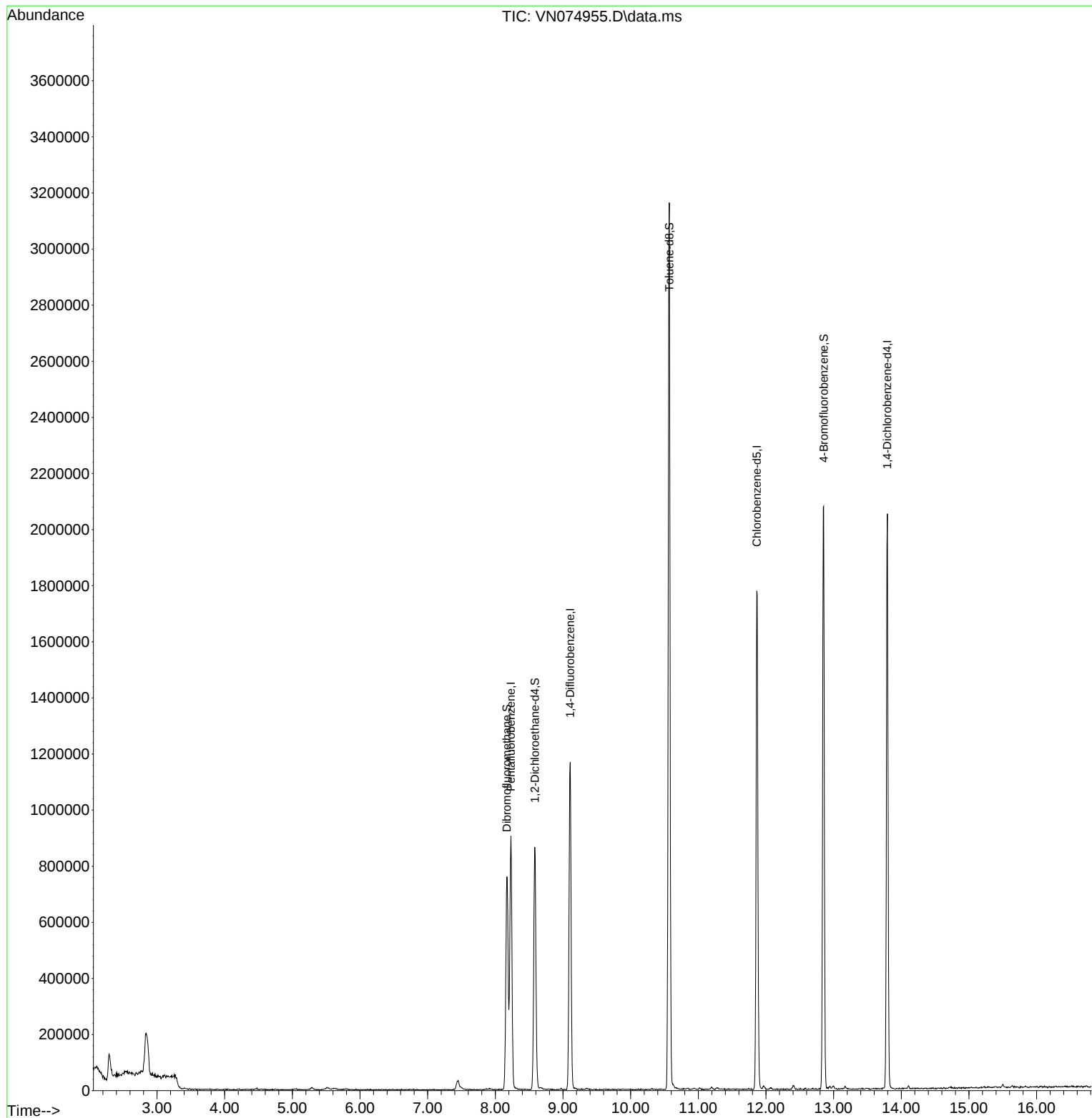
Target Compounds	Qvalue

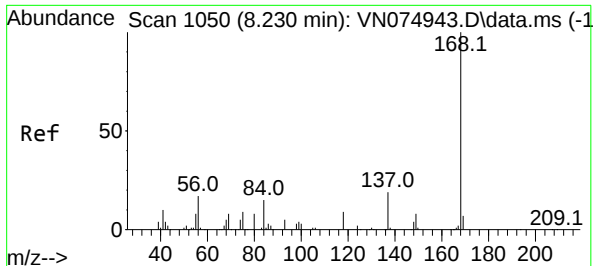
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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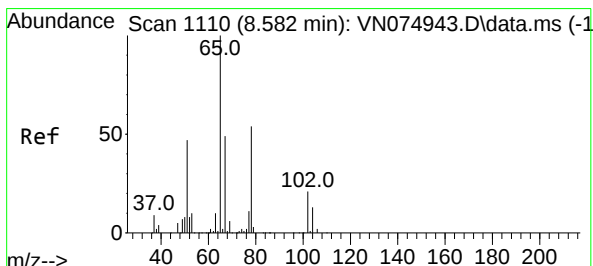
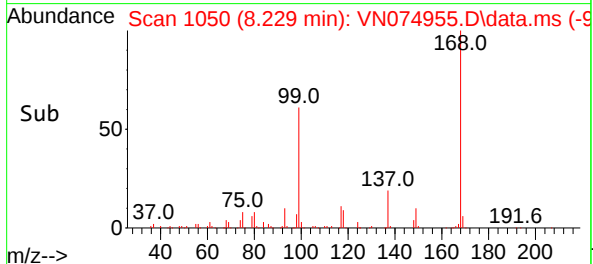
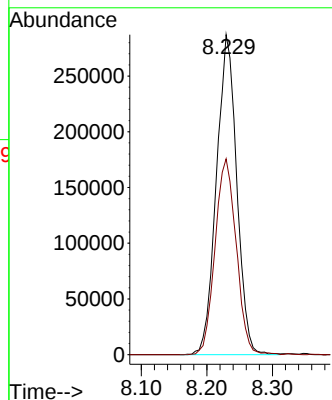
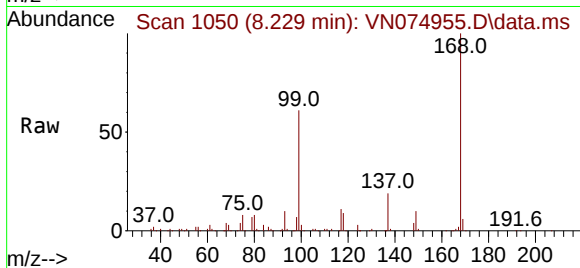




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN074955.D
Acq: 21 Oct 2022 12:25

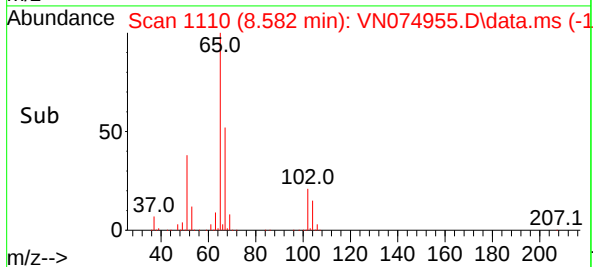
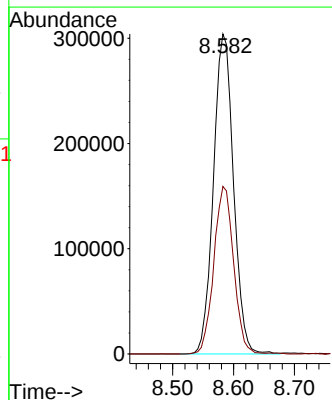
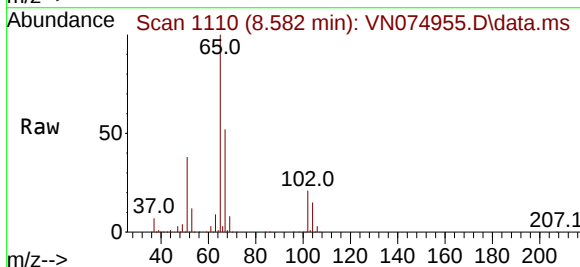
Instrument :
MSVOA_N
ClientSampleId :
IBLK

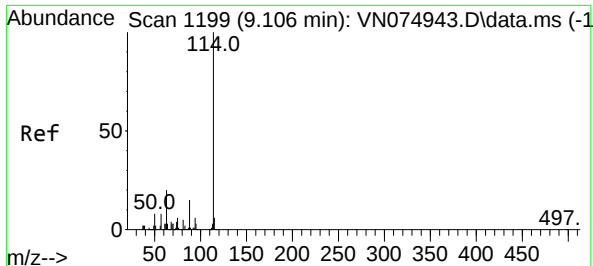
Tgt Ion:168 Resp: 616760
Ion Ratio Lower Upper
168 100
99 61.2 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 42.490 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN074955.D
Acq: 21 Oct 2022 12:25

Tgt Ion: 65 Resp: 696271
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074955.D

Acq: 21 Oct 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

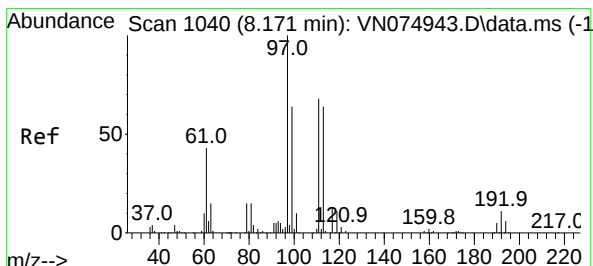
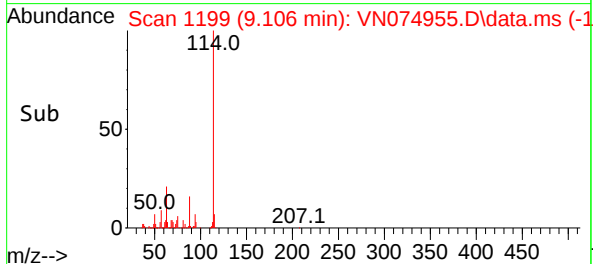
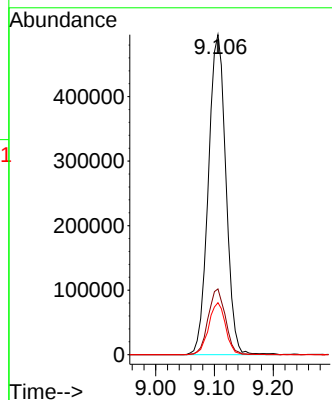
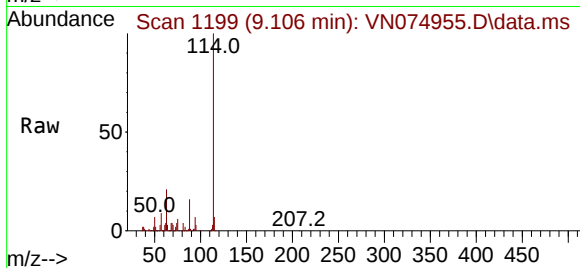
Tgt Ion:114 Resp: 1029017

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

88 16.2 0.0 30.4



#35

Dibromofluoromethane

Concen: 44.442 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN074955.D

Acq: 21 Oct 2022 12:25

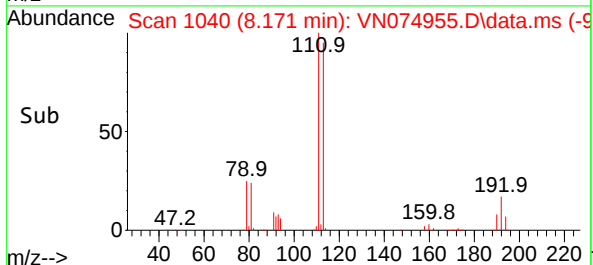
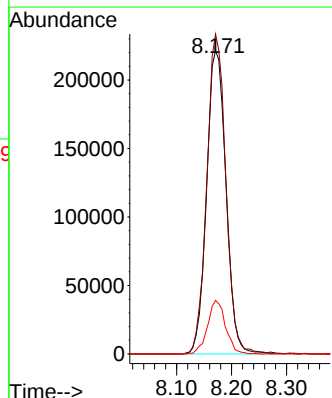
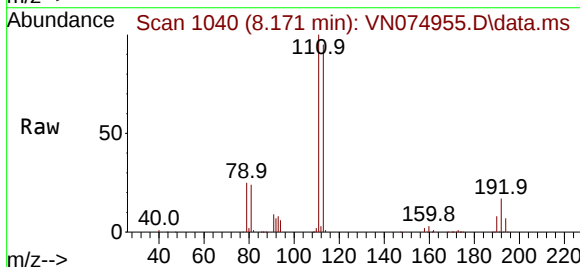
Tgt Ion:113 Resp: 544326

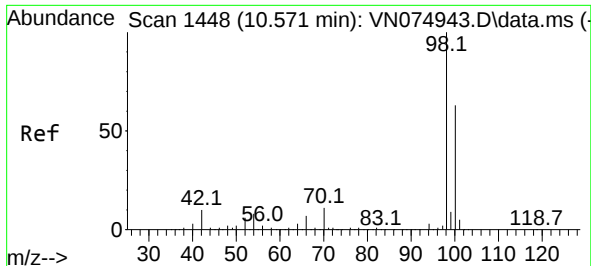
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 16.4 13.3 19.9

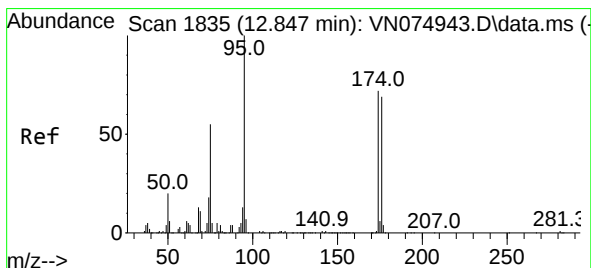
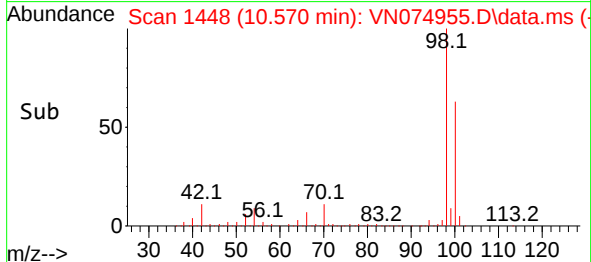
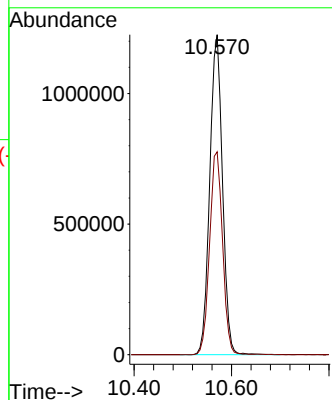
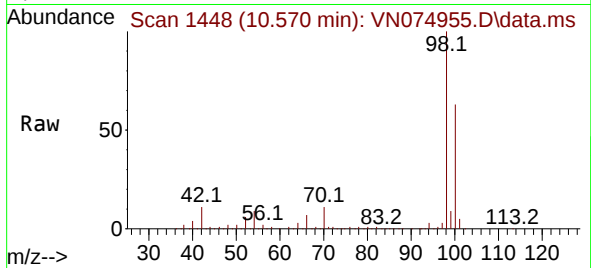




#50
Toluene-d8
Concen: 46.907 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074955.D
Acq: 21 Oct 2022 12:25

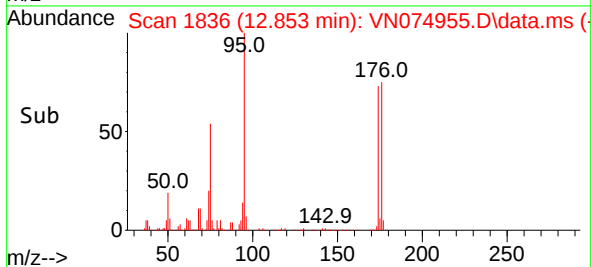
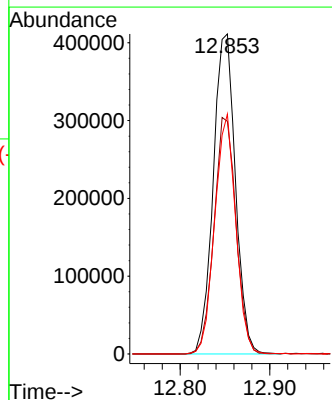
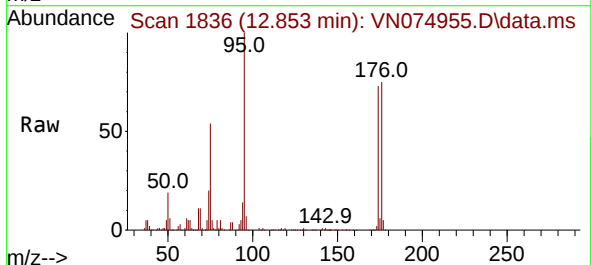
Instrument :
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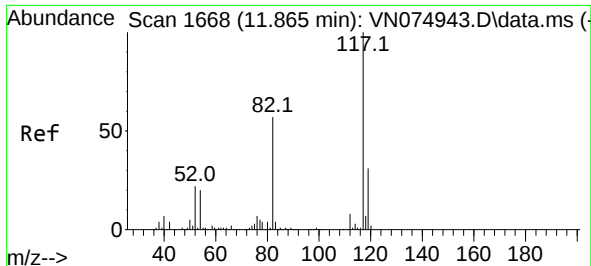
Tgt Ion: 98 Resp: 2204265
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 42.655 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074955.D
Acq: 21 Oct 2022 12:25

Tgt Ion: 95 Resp: 707045
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.0
176 71.0 0.0 138.2

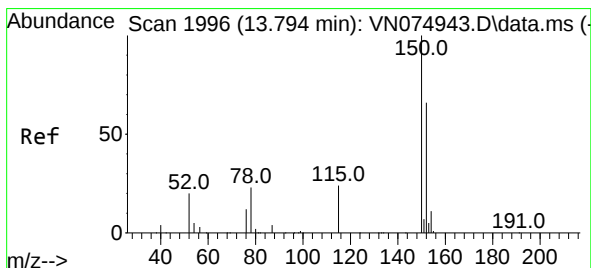
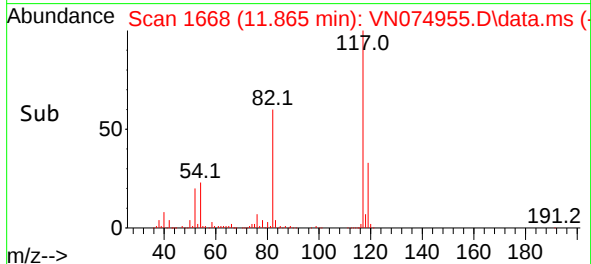
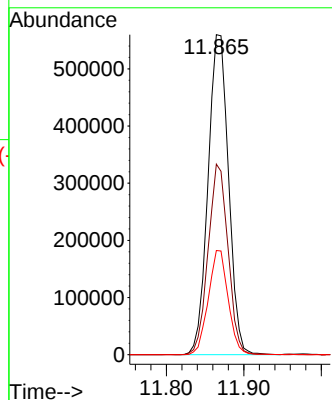
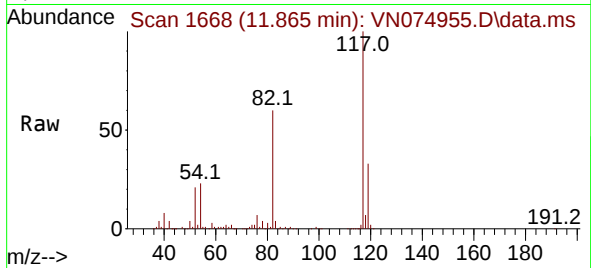




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074955.D
Acq: 21 Oct 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 1027915
Ion Ratio Lower Upper
117 100
82 59.5 45.6 68.4
119 32.6 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: VN074955.D
Acq: 21 Oct 2022 12:25

Tgt Ion:152 Resp: 519317
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.8
150 160.8 0.0 349.6

