

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074974.D
 Acq On : 21 Oct 2022 20:13
 Operator : JC\MD
 Sample : N5222-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Oct 22 02:56:39 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	690736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1192882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1295714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	791629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	806192	43.929	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.860%
35) Dibromofluoromethane	8.177	113	604788	42.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.200%
50) Toluene-d8	10.571	98	2624913	48.185	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.853	95	967411	50.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.680%

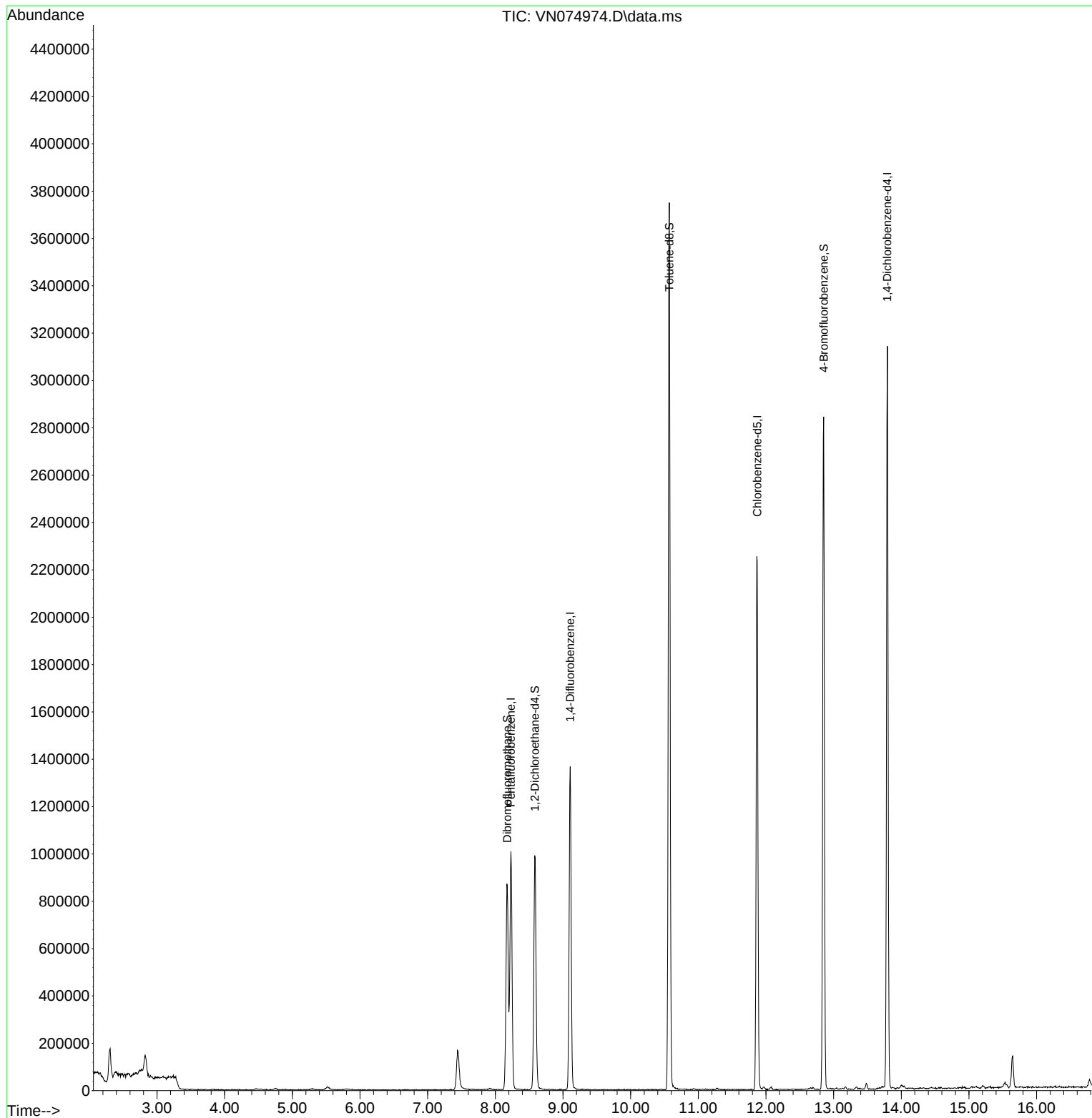
Target Compounds	Qvalue

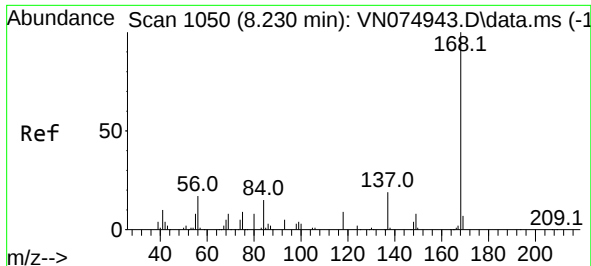
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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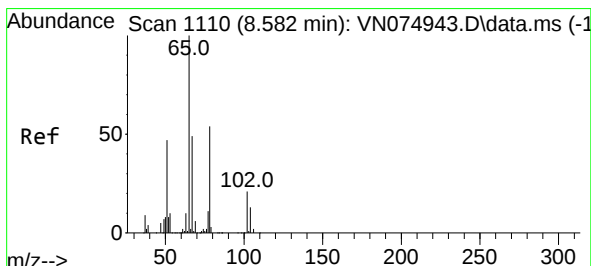
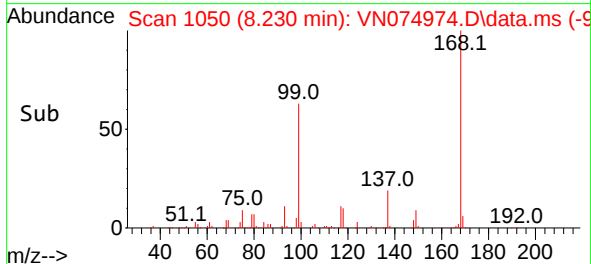
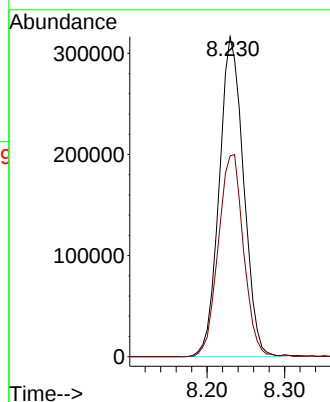
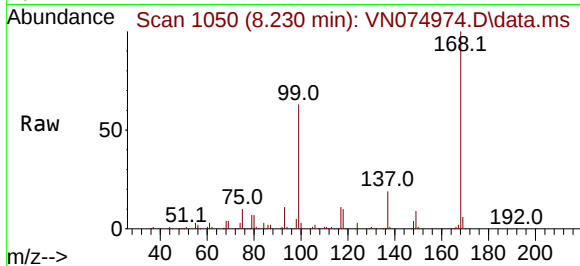




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN074974.D
Acq: 21 Oct 2022 20:13

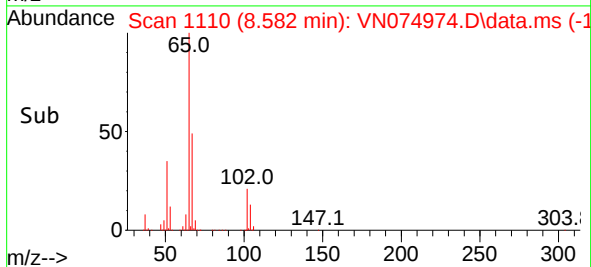
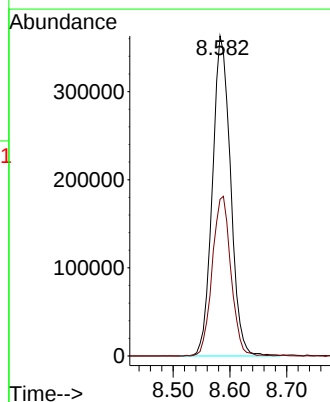
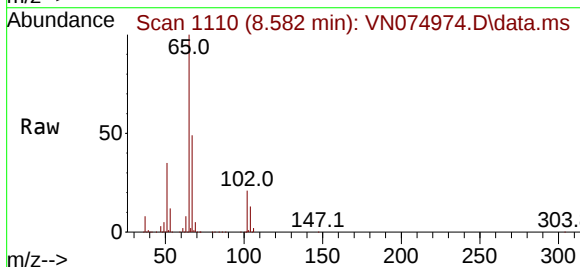
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

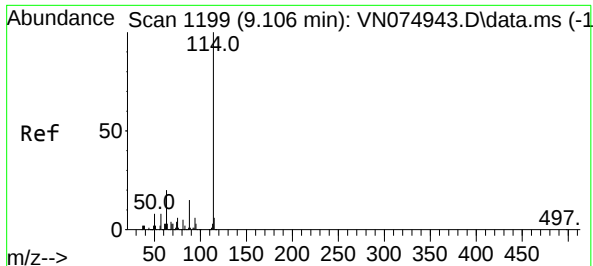
Tgt Ion:168 Resp: 690736
Ion Ratio Lower Upper
168 100
99 62.7 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 43.929 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN074974.D
Acq: 21 Oct 2022 20:13

Tgt Ion: 65 Resp: 806192
Ion Ratio Lower Upper
65 100
67 51.2 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: VN074974.D

Acq: 21 Oct 2022 20:13

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

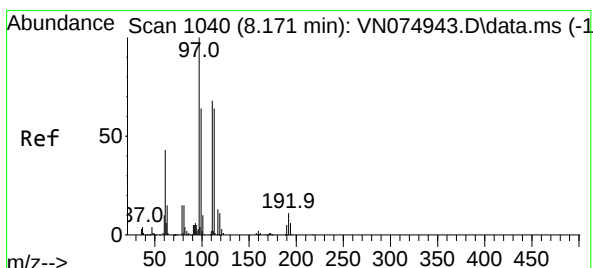
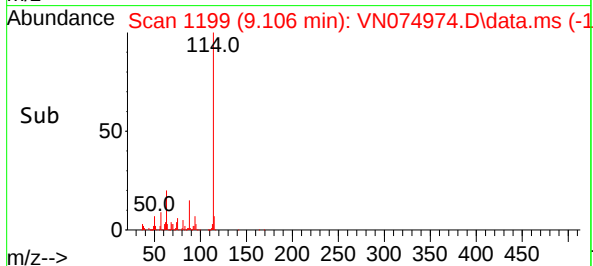
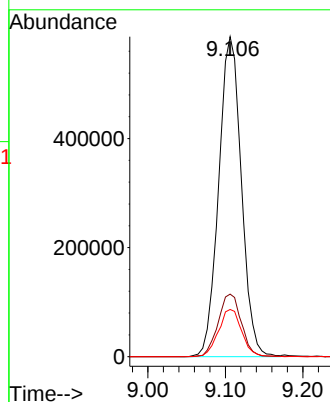
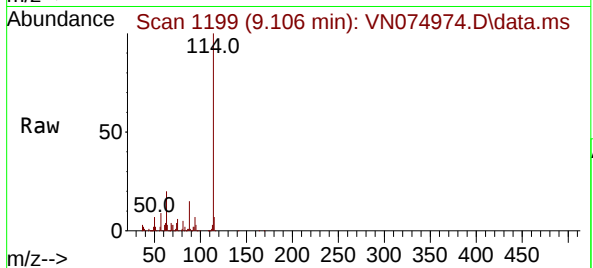
Tgt Ion:114 Resp: 1192882

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

88 14.7 0.0 30.4



#35

Dibromofluoromethane

Concen: 42.596 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074974.D

Acq: 21 Oct 2022 20:13

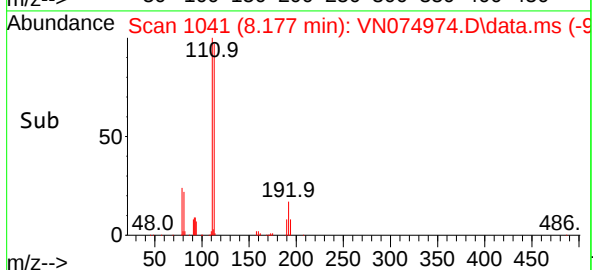
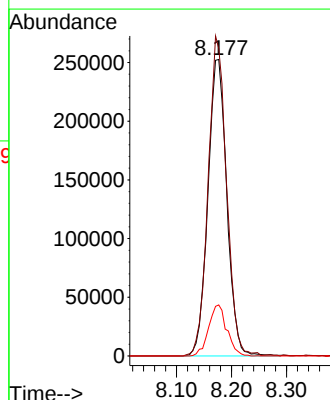
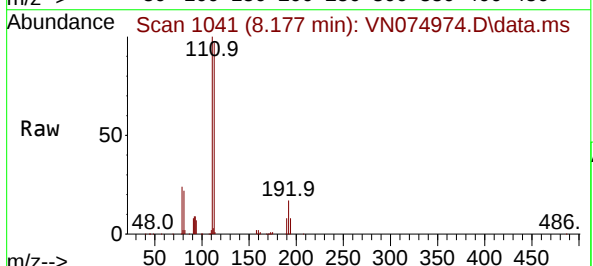
Tgt Ion:113 Resp: 604788

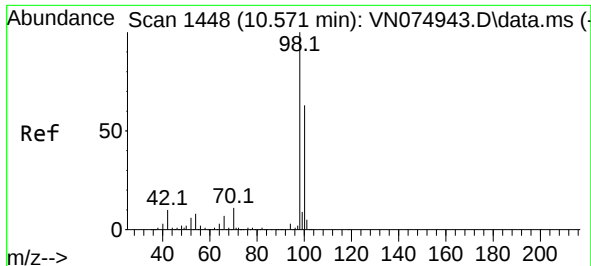
Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

192 16.6 13.3 19.9

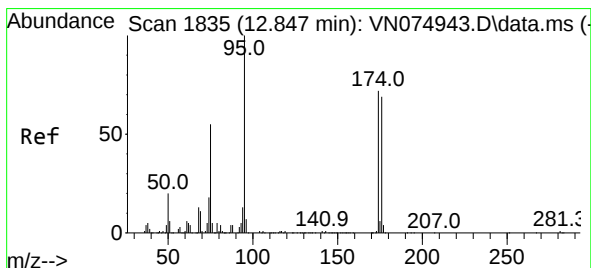
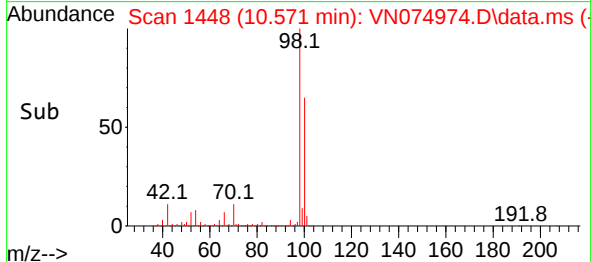
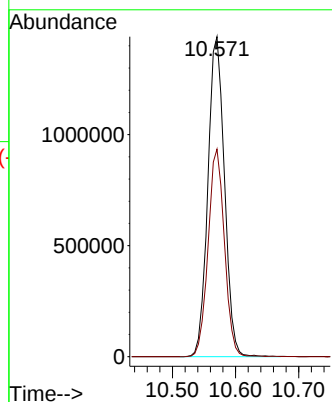
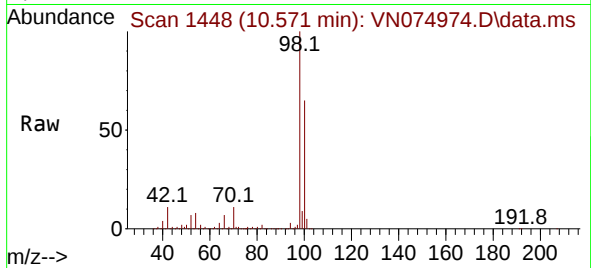




#50
Toluene-d8
Concen: 48.185 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074974.D
Acq: 21 Oct 2022 20:13

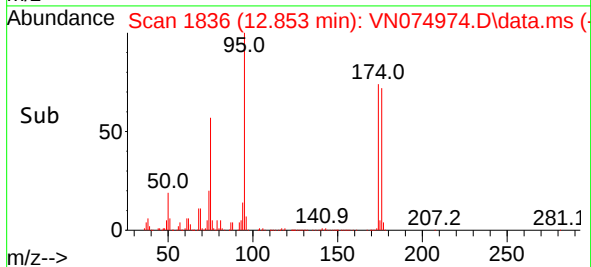
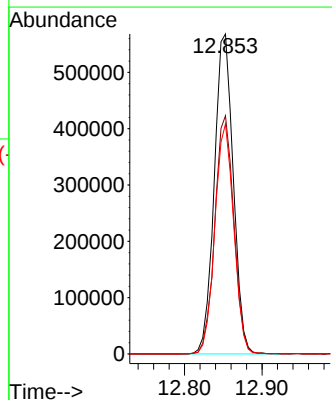
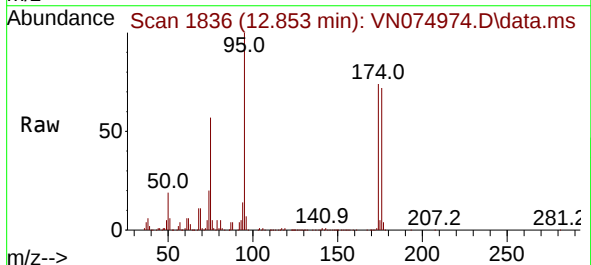
Instrument :
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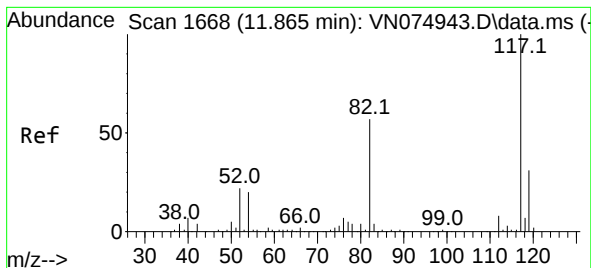
Tgt Ion: 98 Resp: 2624913
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 50.345 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074974.D
Acq: 21 Oct 2022 20:13

Tgt Ion: 95 Resp: 967411
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.0
176 71.2 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN074974.D

Acq: 21 Oct 2022 20:13

Instrument :

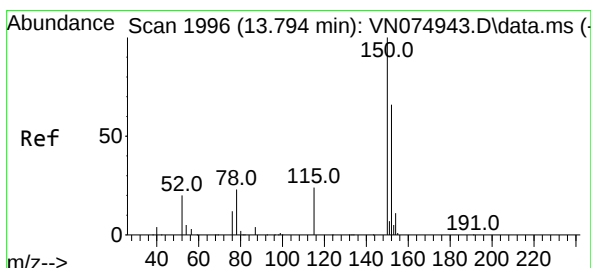
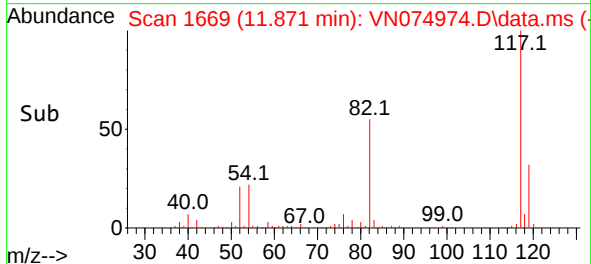
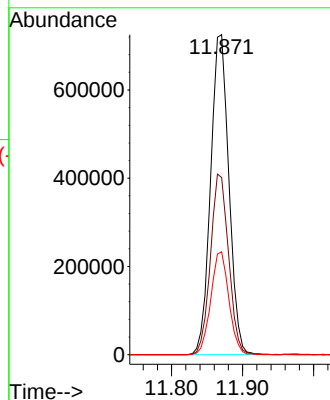
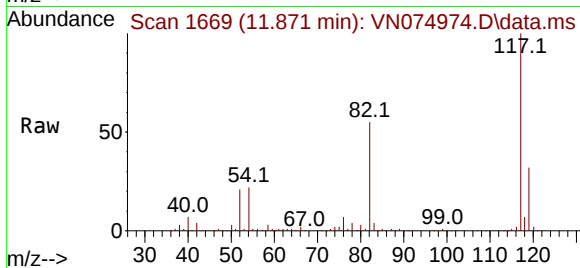
MSVOA_N

ClientSampleId :

TRIP-BLANK

Tgt Ion:117 Resp: 1295714

Ion	Ratio	Lower	Upper
117	100		
82	55.3	45.6	68.4
119	32.2	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: VN074974.D

Acq: 21 Oct 2022 20:13

Tgt Ion:152 Resp: 791629

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.3	93.8
150	157.0	0.0	349.6

