

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073563.D
 Acq On : 21 Jul 2022 18:23
 Operator : JC\MD
 Sample : N3771-02 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7F

Quant Time: Jul 22 08:01:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

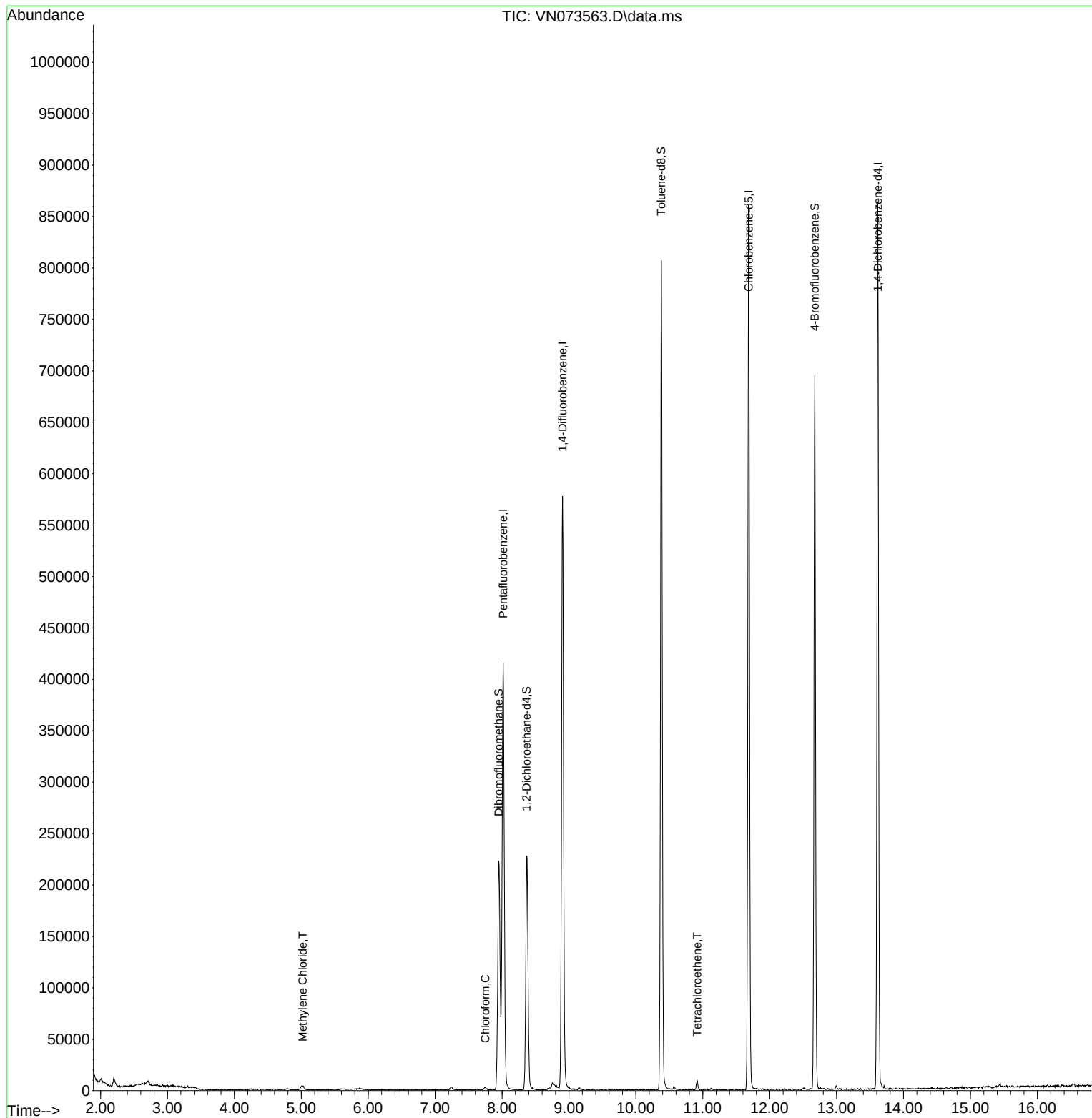
Internal Standards						
1) Pentafluorobenzene	8.016	168	311623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	503346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	465963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	233475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186681	41.497	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.000%
35) Dibromofluoromethane	7.951	113	163048	48.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	10.380	98	542446	45.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.674	95	226518	49.558	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.120%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.022	84	3252	0.733	ug/l #	72
30) Chloroform	7.751	83	2407	0.320	ug/l #	71
64) Tetrachloroethene	10.916	164	1746	0.459	ug/l #	86

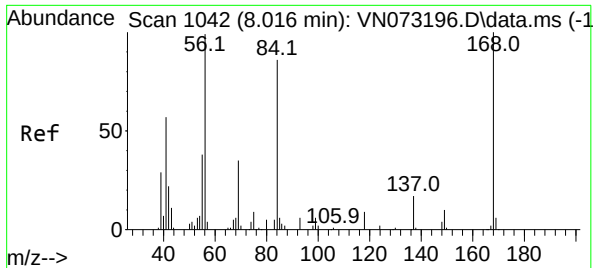
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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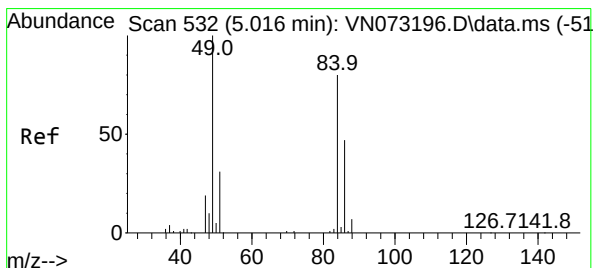
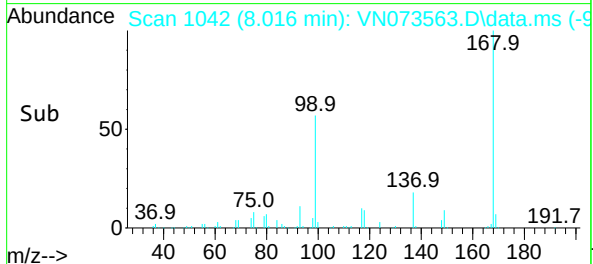
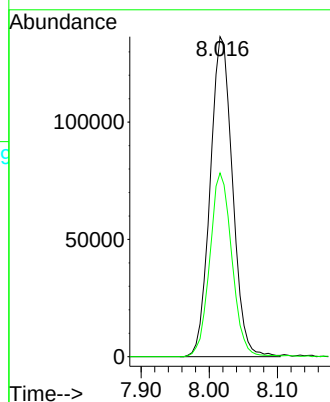
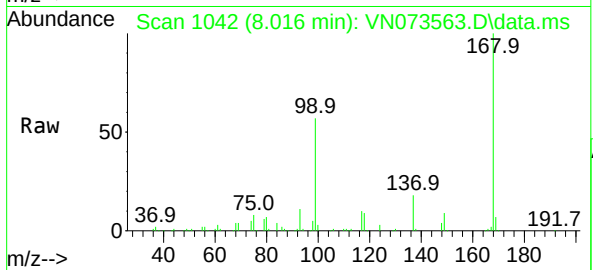




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

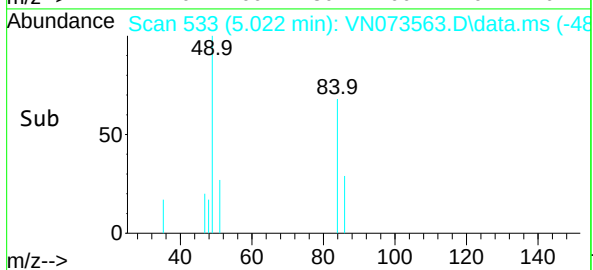
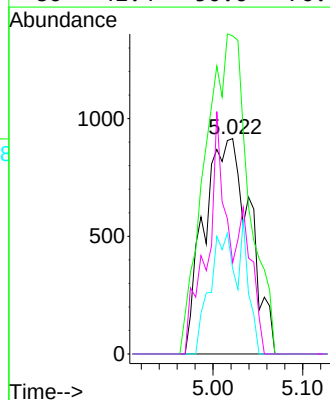
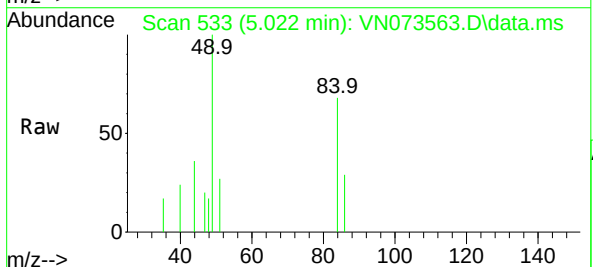
Instrument :
MSVOA_N
ClientSampleId :
MW-7F

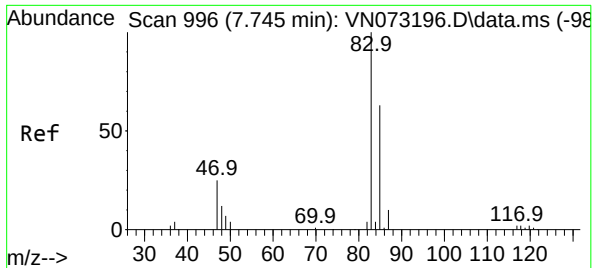
Tgt Ion:168 Resp: 311623
Ion Ratio Lower Upper
168 100
99 57.4 42.3 63.5



#20
Methylene Chloride
Concen: 0.733 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion: 84 Resp: 3252
Ion Ratio Lower Upper
84 100
49 147.8 88.3 132.5#
51 39.6 28.2 42.2
86 42.4 50.6 76.0#

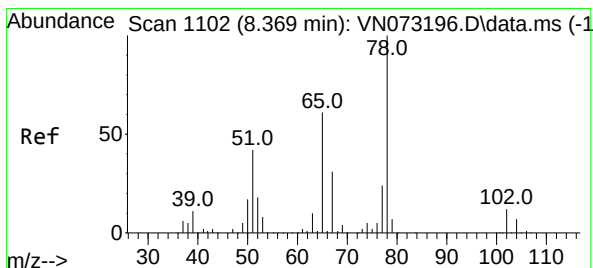
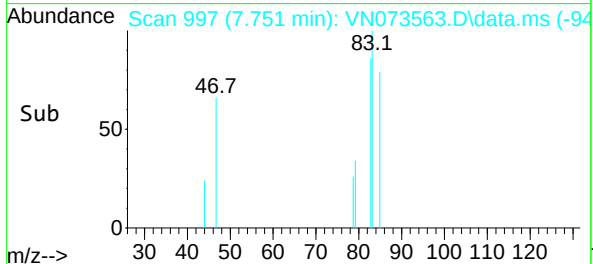
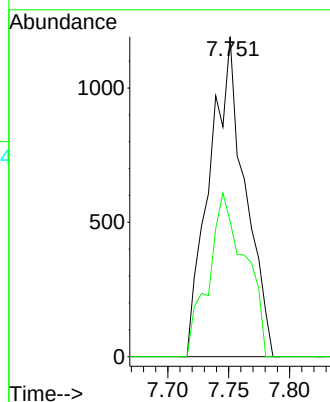
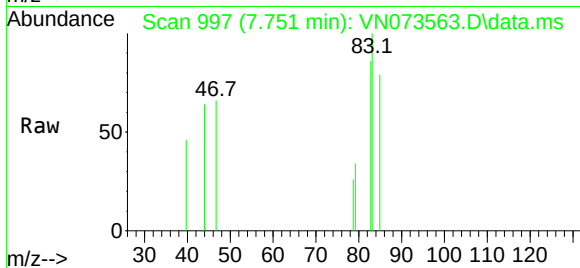




#30
Chloroform
Concen: 0.320 ug/l
RT: 7.751 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

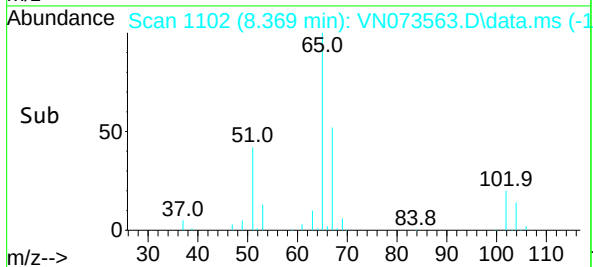
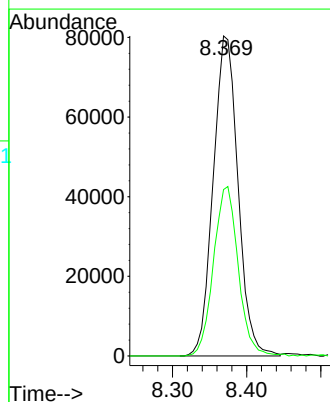
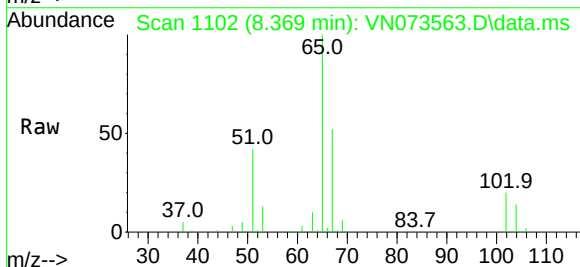
Instrument :
MSVOA_N
ClientSampleId :
MW-7F

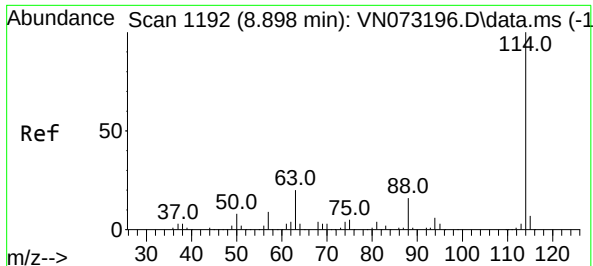
Tgt Ion: 83 Resp: 2407
Ion Ratio Lower Upper
83 100
85 42.3 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 41.497 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion: 65 Resp: 186681
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

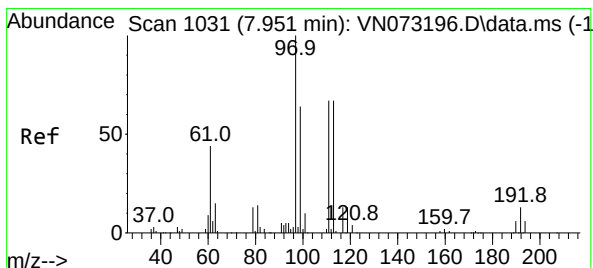
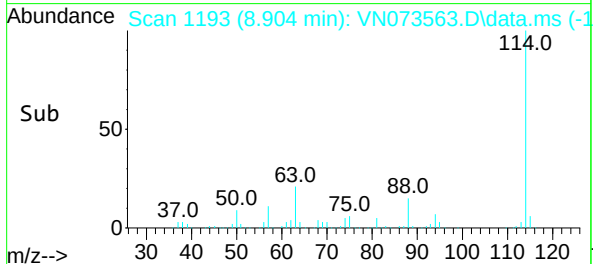
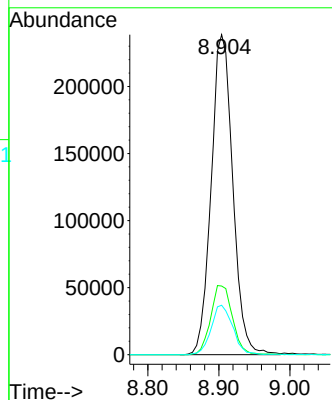
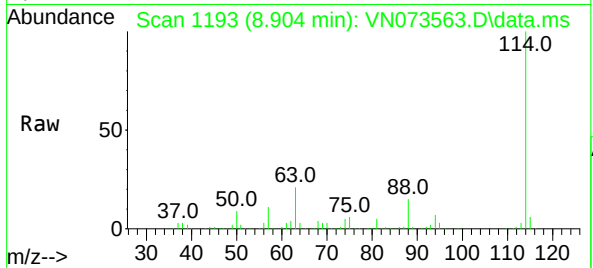




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

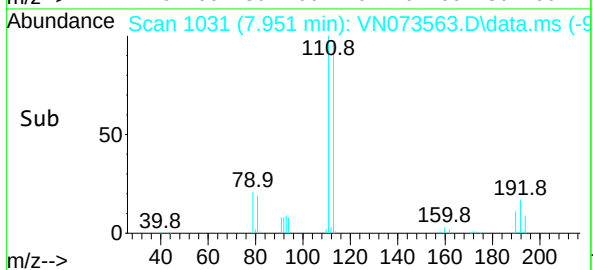
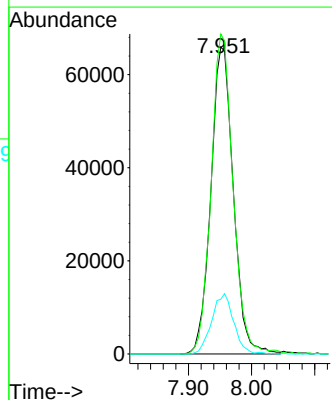
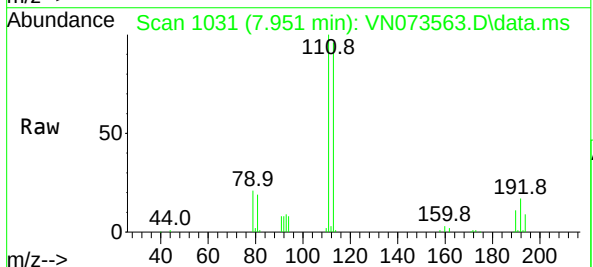
Instrument :
MSVOA_N
ClientSampleId :
MW-7F

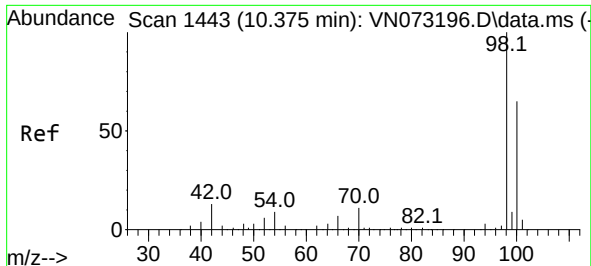
Tgt Ion:114 Resp: 503346
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 15.5 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.688 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion:113 Resp: 163048
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 19.3 17.0 25.6

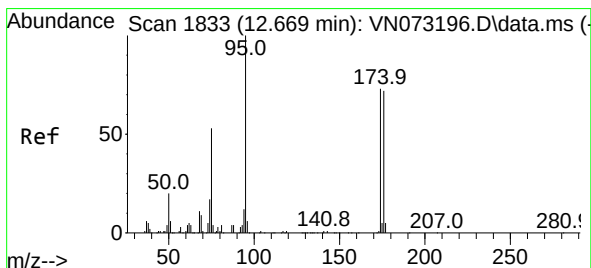
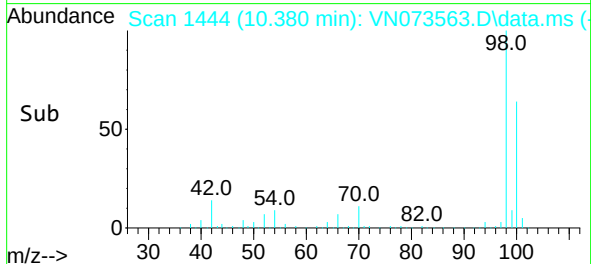
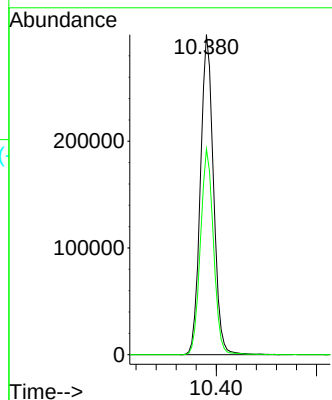
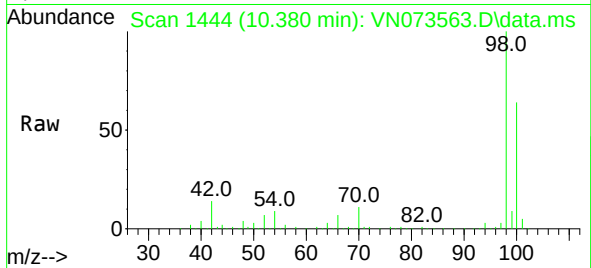




#50
Toluene-d8
Concen: 45.607 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

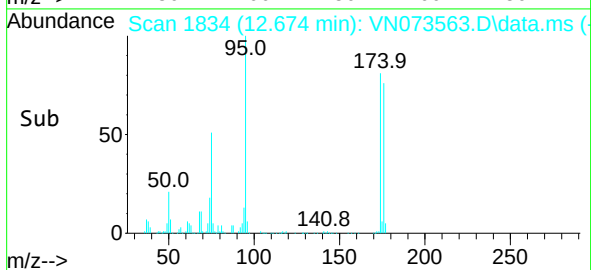
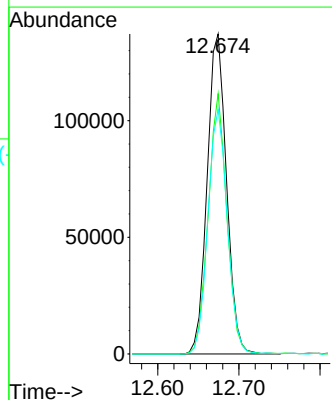
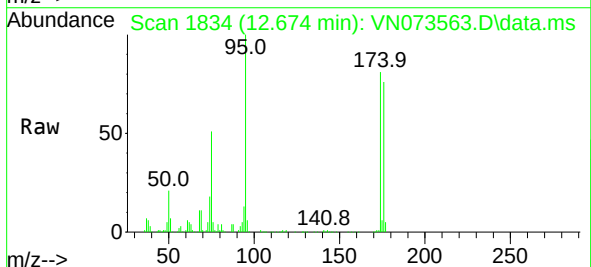
Instrument :
MSVOA_N
ClientSampleId :
MW-7F

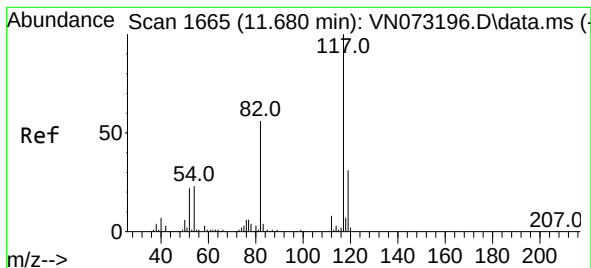
Tgt Ion: 98 Resp: 542446
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.558 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073563.D
Acq: 21 Jul 2022 18:23

Tgt Ion: 95 Resp: 226518
Ion Ratio Lower Upper
95 100
174 78.6 0.0 167.6
176 76.7 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073563.D

Acq: 21 Jul 2022 18:23

Instrument :

MSVOA_N

ClientSampleId :

MW-7F

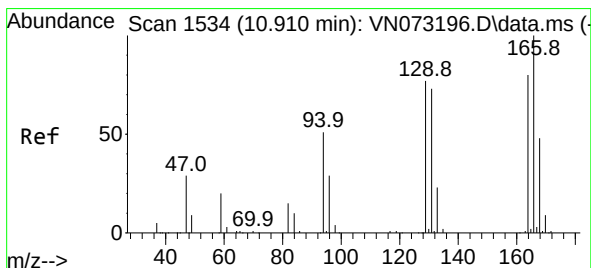
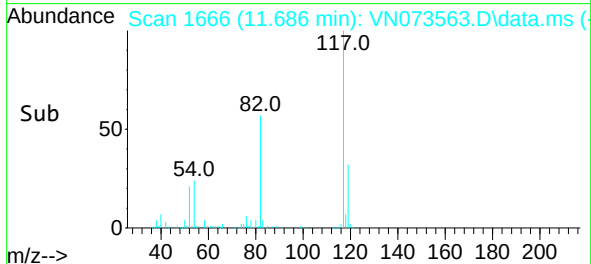
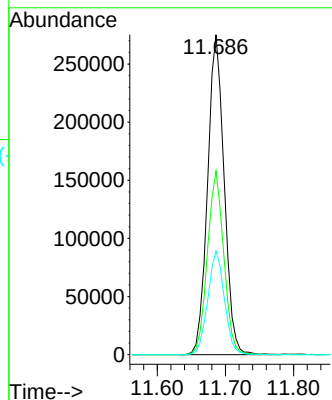
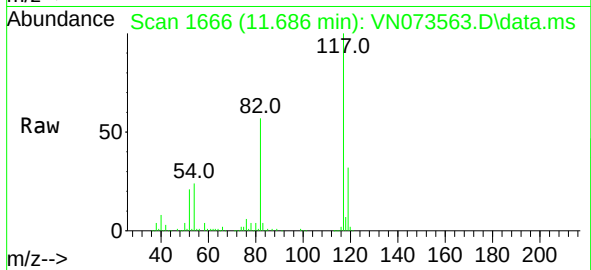
Tgt Ion:117 Resp: 465963

Ion Ratio Lower Upper

117 100

82 57.4 44.2 66.2

119 32.4 25.4 38.0



#64

Tetrachloroethene

Concen: 0.459 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073563.D

Acq: 21 Jul 2022 18:23

Tgt Ion:164 Resp: 1746

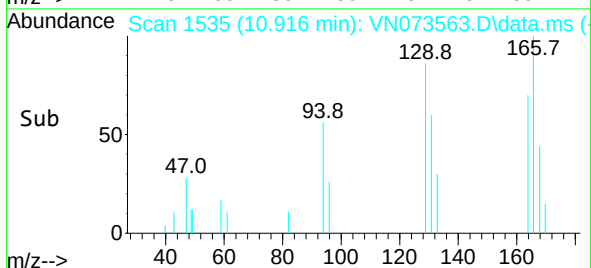
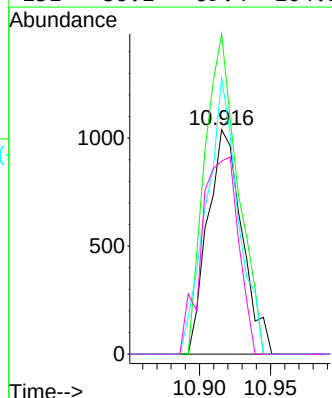
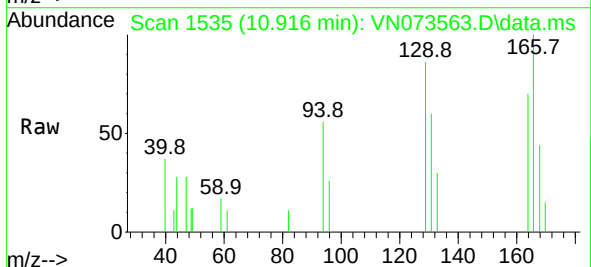
Ion Ratio Lower Upper

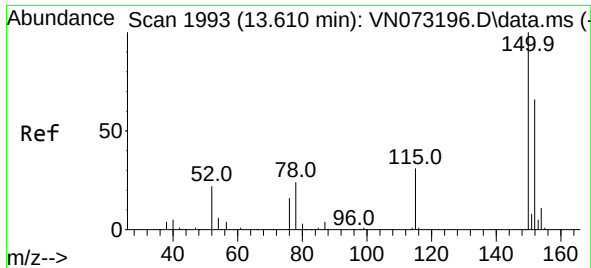
164 100

166 142.8 104.2 156.2

129 123.2 73.9 110.9#

131 86.1 69.4 104.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073563.D

Acq: 21 Jul 2022 18:23

Instrument :

MSVOA_N

ClientSampleId :

MW-7F

Tgt Ion:152 Resp: 233475

Ion Ratio Lower Upper

152 100

115 57.2 28.9 86.7

150 155.4 0.0 356.2

