

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074693.D
 Acq On : 01 Oct 2022 06:25
 Operator : JC\MD
 Sample : N4882-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106D

Quant Time: Oct 03 02:12:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

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

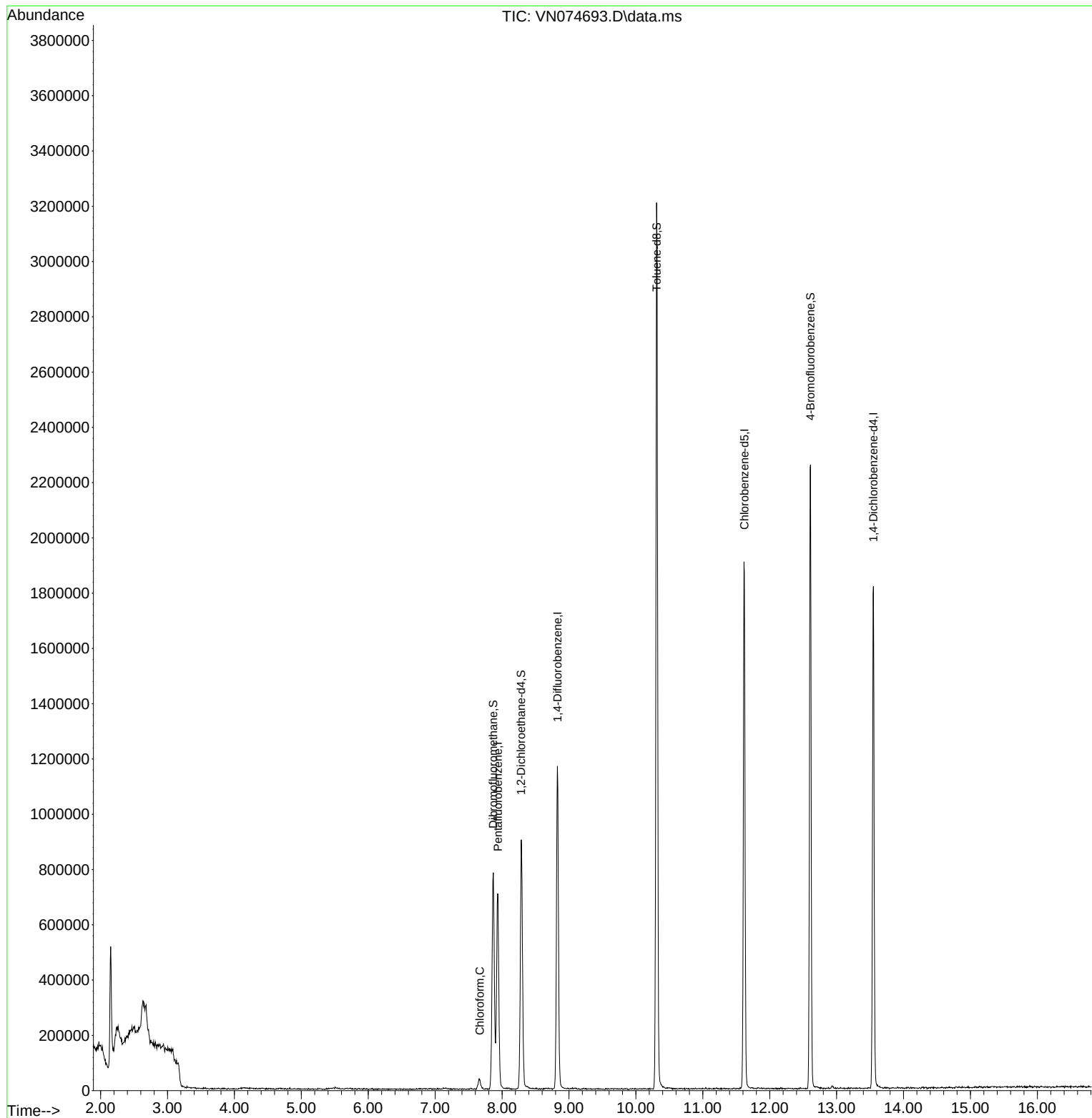
Internal Standards						
1) Pentafluorobenzene	7.939	168	522142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	991352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	990661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	454083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	665792	50.878	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.760%
35) Dibromofluoromethane	7.869	113	539052	51.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.740%
50) Toluene-d8	10.310	98	2054975	46.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.610	95	672259	48.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.060%
Target Compounds						
						Qvalue
30) Chloroform	7.669	83	32340	1.605	ug/l	# 79

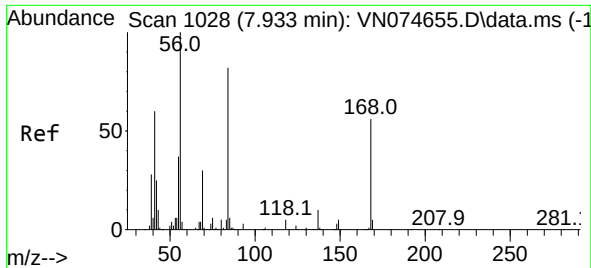
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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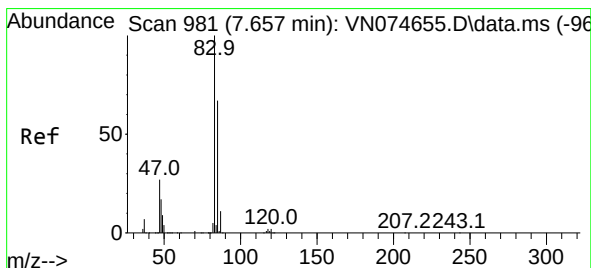
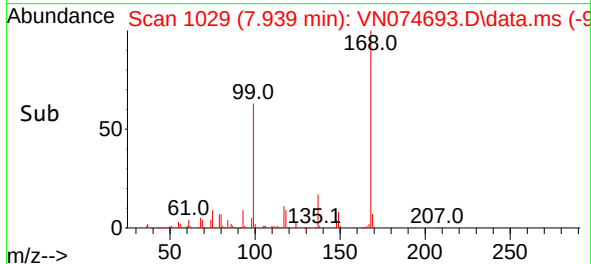
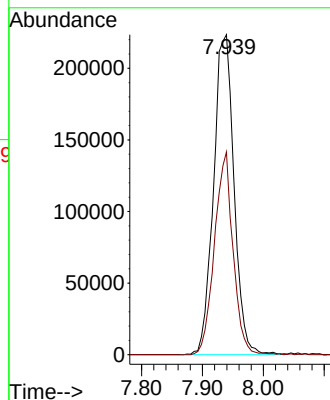
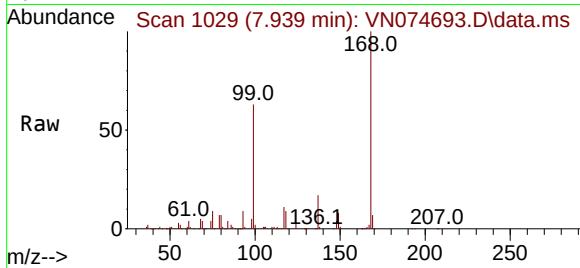




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VN074693.D
Acq: 01 Oct 2022 06:25

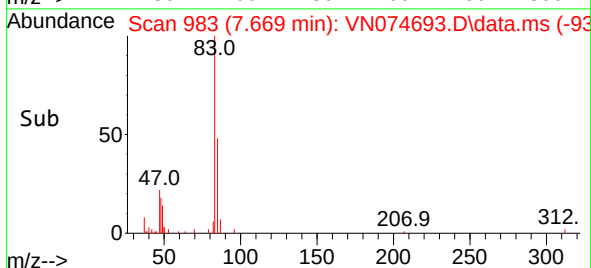
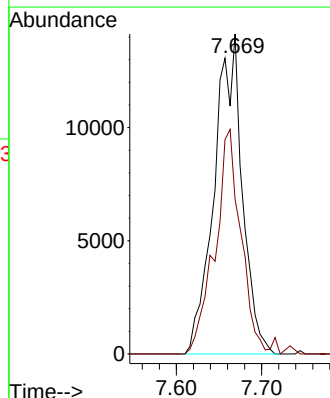
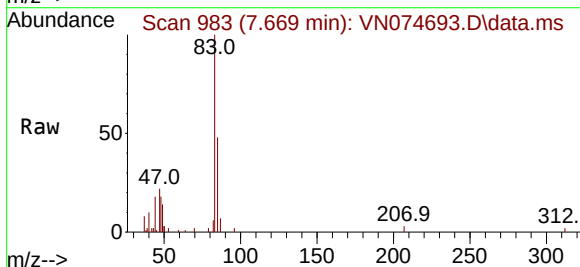
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

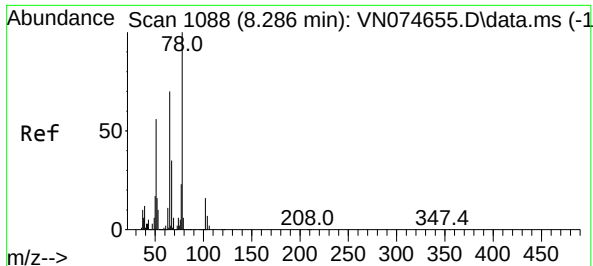
Tgt Ion:168 Resp: 522142
Ion Ratio Lower Upper
168 100
99 63.3 42.3 63.5



#30
Chloroform
Concen: 1.605 ug/l
RT: 7.669 min Scan# 983
Delta R.T. 0.012 min
Lab File: VN074693.D
Acq: 01 Oct 2022 06:25

Tgt Ion: 83 Resp: 32340
Ion Ratio Lower Upper
83 100
85 48.3 51.8 77.8#





#33

1,2-Dichloroethane-d4

Concen: 50.878 ug/l

RT: 8.286 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VN074693.D

Acq: 01 Oct 2022 06:25

Instrument :

MSVOA_N

ClientSampleId :

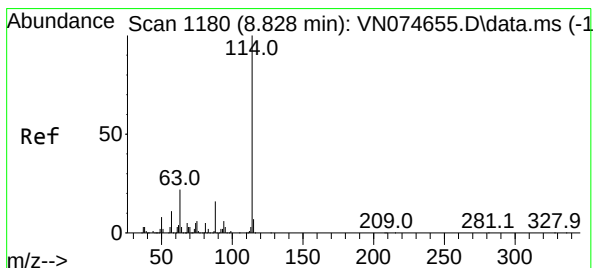
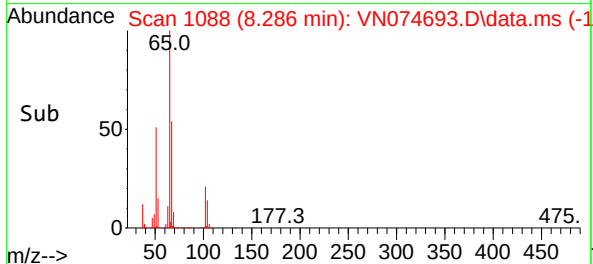
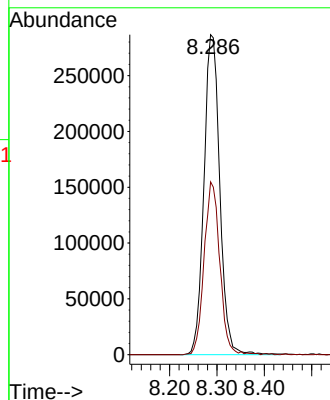
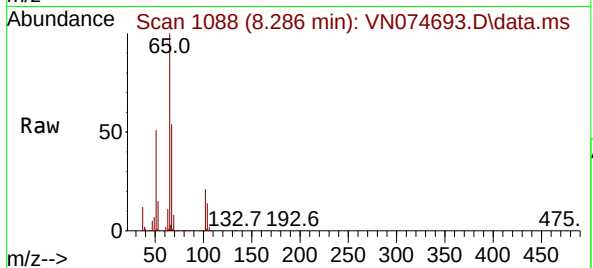
MW-106D

Tgt Ion: 65 Resp: 665792

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.828 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VN074693.D

Acq: 01 Oct 2022 06:25

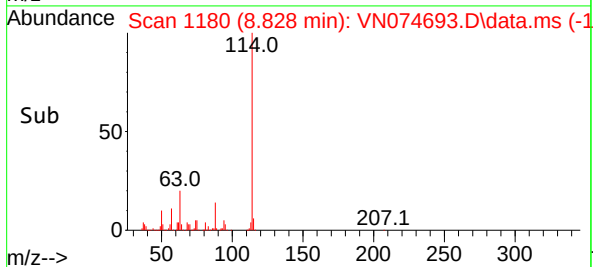
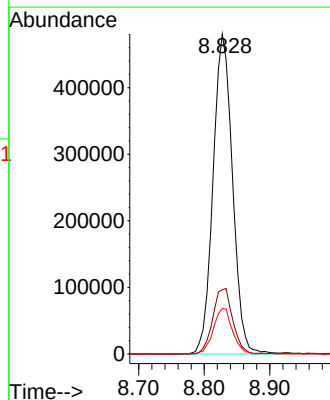
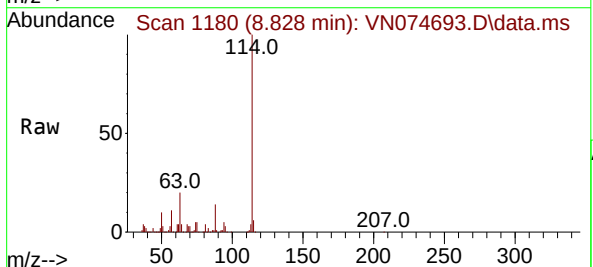
Tgt Ion: 114 Resp: 991352

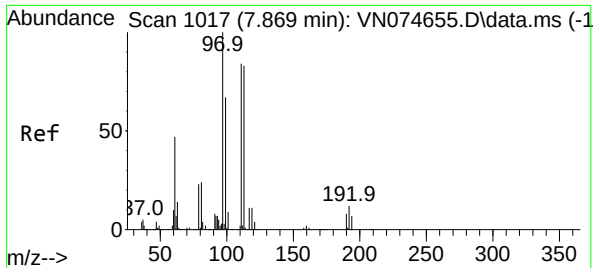
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 14.2 0.0 32.6

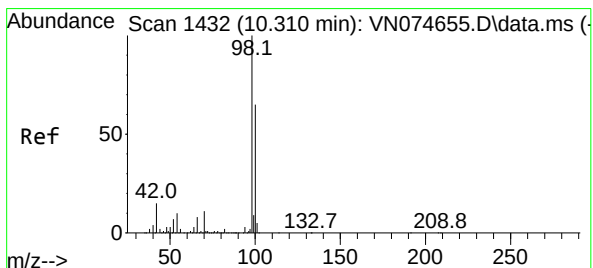
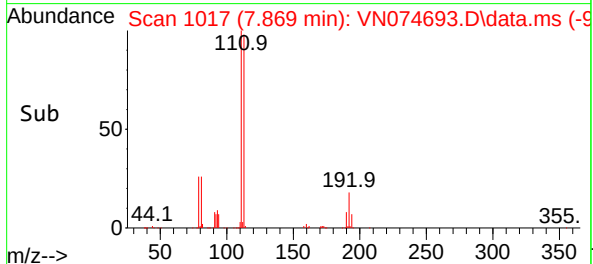
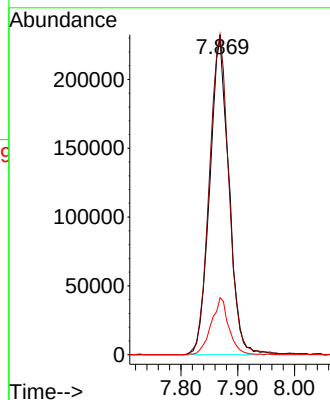
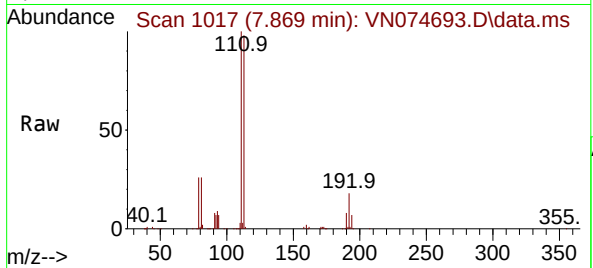




#35
Dibromofluoromethane
Concen: 51.373 ug/l
RT: 7.869 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VN074693.D
Acq: 01 Oct 2022 06:25

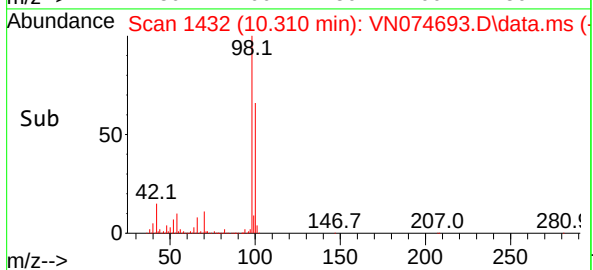
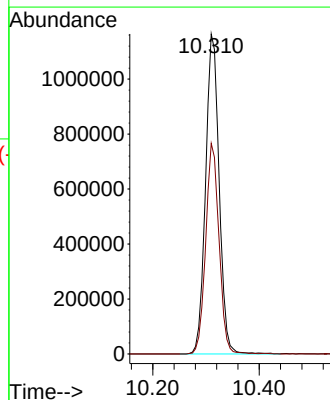
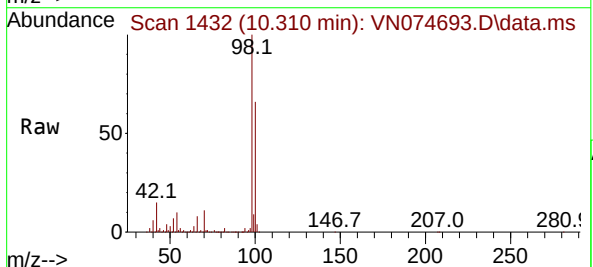
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

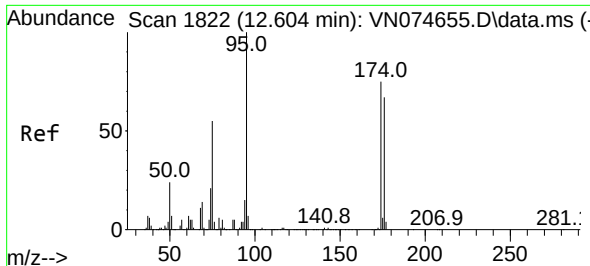
Tgt Ion:113 Resp: 539052
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 16.4 17.0 25.6#



#50
Toluene-d8
Concen: 46.559 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VN074693.D
Acq: 01 Oct 2022 06:25

Tgt Ion: 98 Resp: 2054975
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

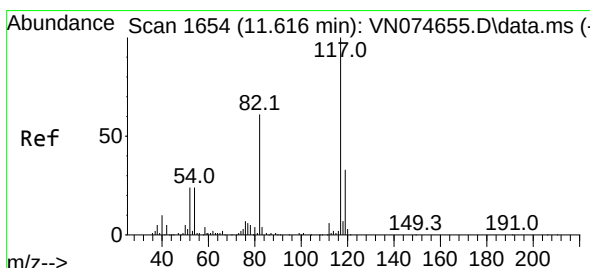
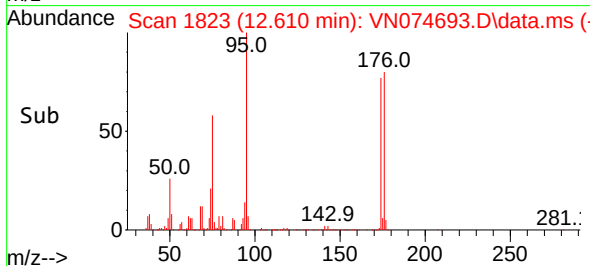
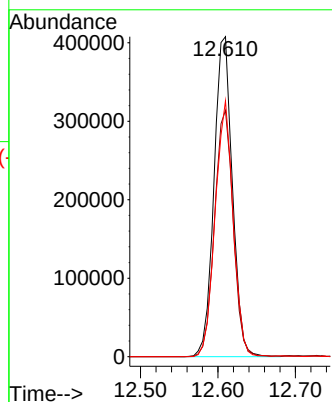
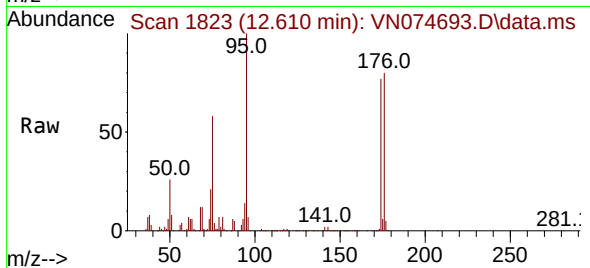




#62
4-Bromofluorobenzene
Concen: 48.035 ug/l
RT: 12.610 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN074693.D
Acq: 01 Oct 2022 06:25

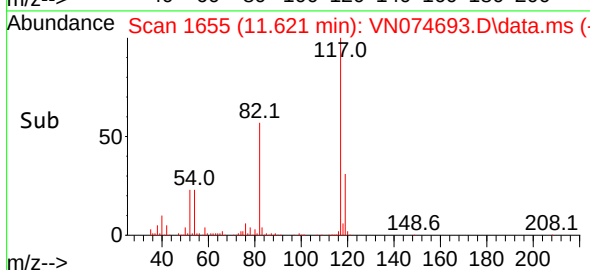
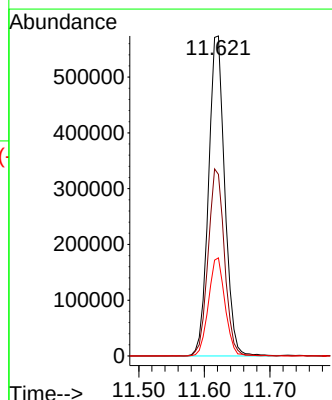
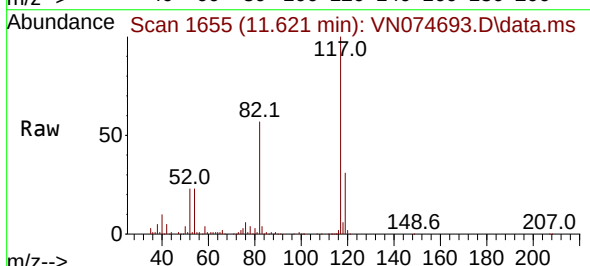
Instrument :
MSVOA_N
ClientSampleId :
MW-106D

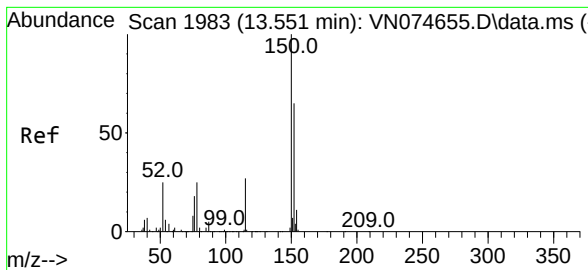
Tgt Ion: 95 Resp: 672259
Ion Ratio Lower Upper
95 100
174 78.0 0.0 167.6
176 78.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.621 min Scan# 1655
Delta R.T. 0.005 min
Lab File: VN074693.D
Acq: 01 Oct 2022 06:25

Tgt Ion: 117 Resp: 990661
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 30.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN074693.D
 Acq: 01 Oct 2022 06:25

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106D

Tgt Ion:152 Resp: 454083

Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.9	86.7
150	155.0	0.0	356.2

