

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074362.D
 Acq On : 08 Sep 2022 17:03
 Operator : JC\MD
 Sample : N4437-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Sep 09 05:37:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 09 05:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	61826	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	347536	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	295583	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.375	65	196702	30.988	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.300%
60) 4-Bromofluorobenzene	12.675	95	149421	25.278	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.267%
63) Toluene-d8	10.381	98	526750	31.727	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.767%

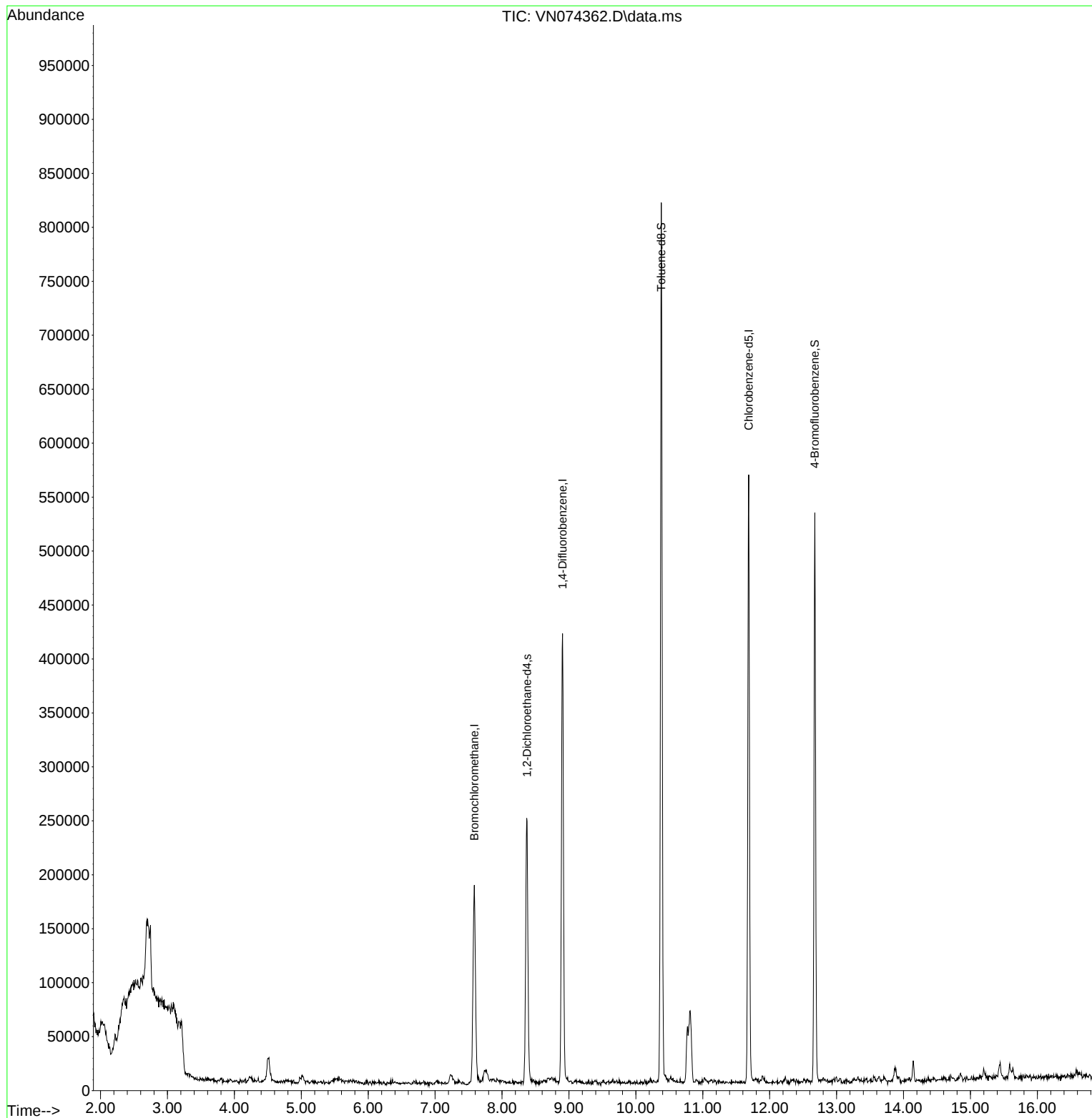
Target Compounds	Qvalue

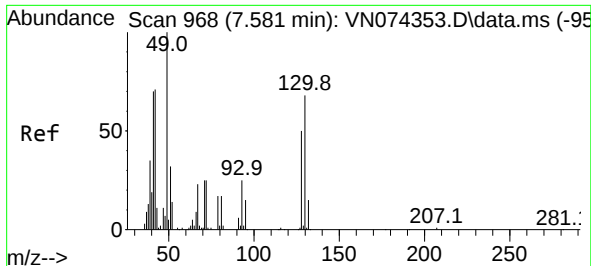
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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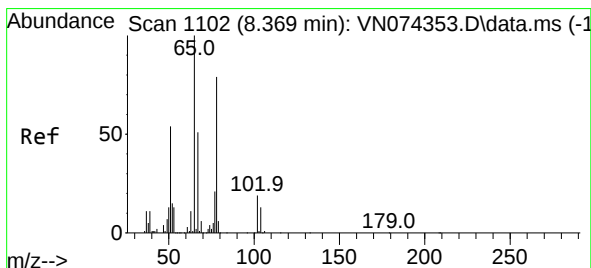
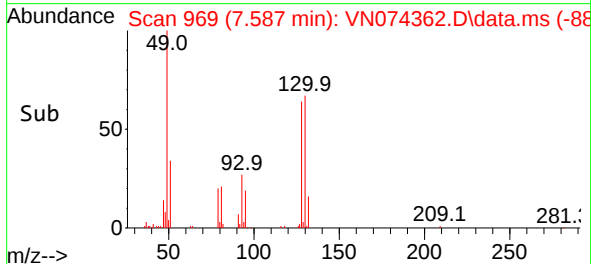
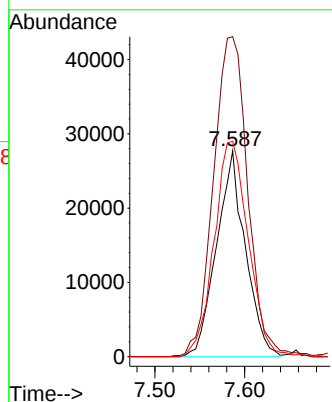
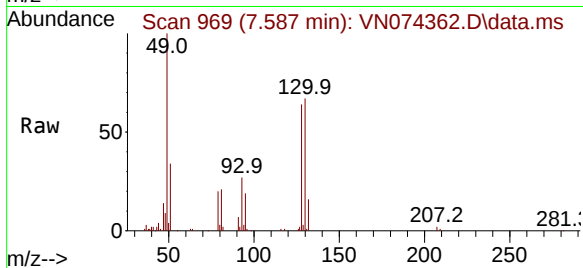




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 968
Delta R.T. 0.006 min
Lab File: VN074362.D
Acq: 08 Sep 2022 17:03

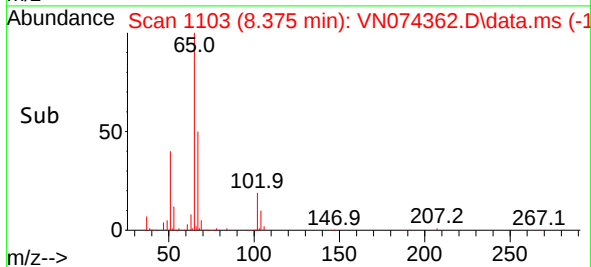
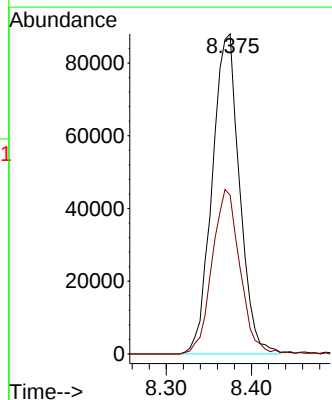
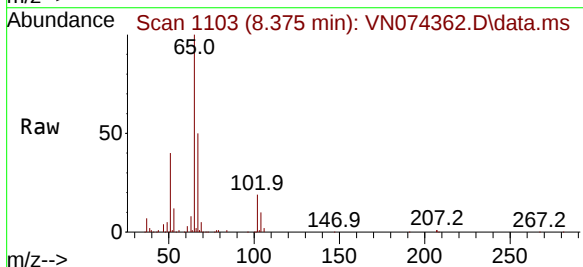
Instrument :
MSVOA_N
ClientSampleId :
TB

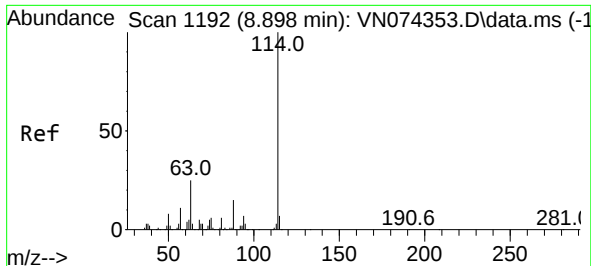
Tgt Ion:128 Resp: 61826
Ion Ratio Lower Upper
128 100
49 184.9 0.0 392.3
130 124.0 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 30.988 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074362.D
Acq: 08 Sep 2022 17:03

Tgt Ion: 65 Resp: 196702
Ion Ratio Lower Upper
65 100
67 51.7 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN074362.D

Acq: 08 Sep 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

TB

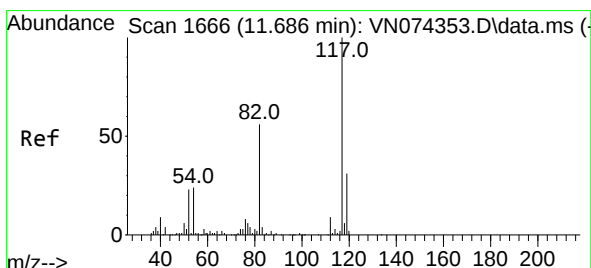
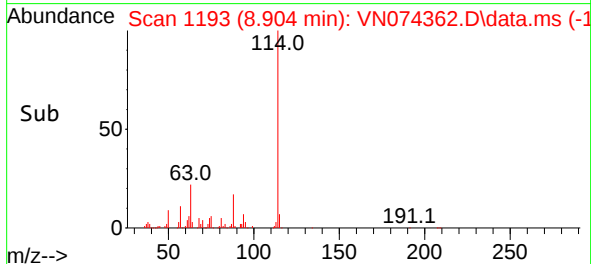
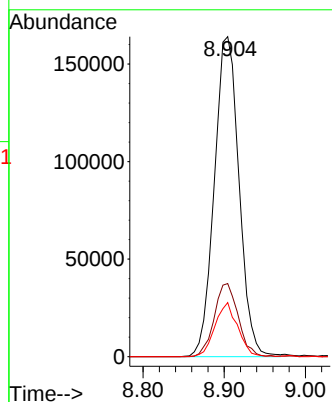
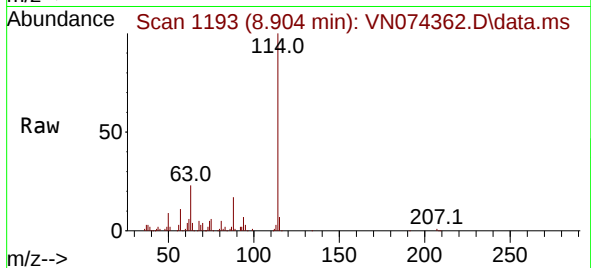
Tgt Ion:114 Resp: 347536

Ion Ratio Lower Upper

114 100

63 22.1 15.8 23.6

88 15.5 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.686 min Scan# 1666

Delta R.T. 0.000 min

Lab File: VN074362.D

Acq: 08 Sep 2022 17:03

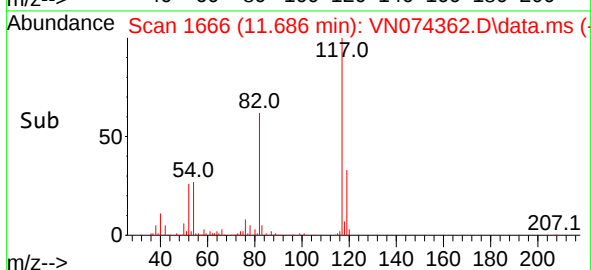
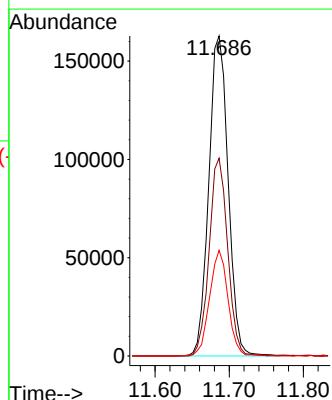
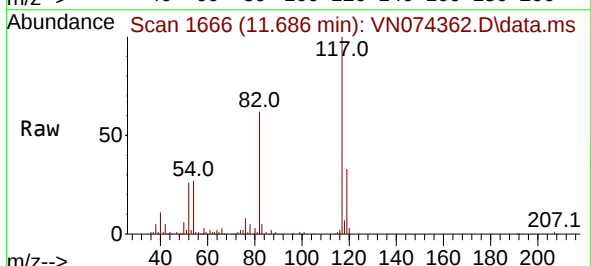
Tgt Ion:117 Resp: 295583

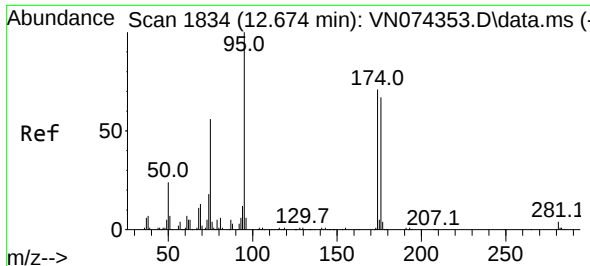
Ion Ratio Lower Upper

117 100

82 59.1 43.6 65.4

119 31.2 25.8 38.6

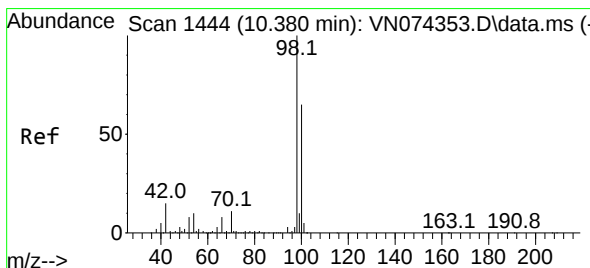
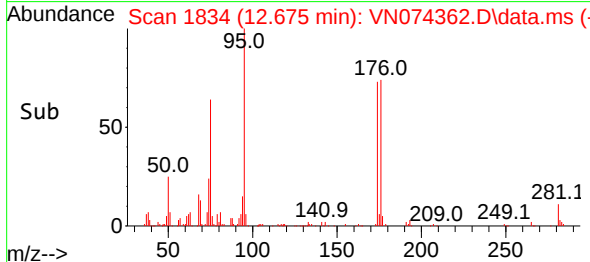
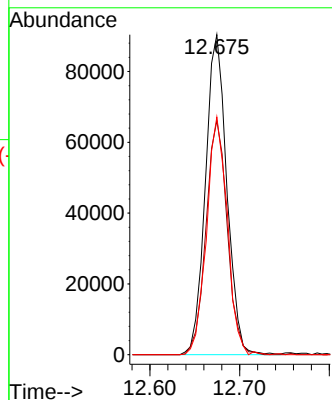
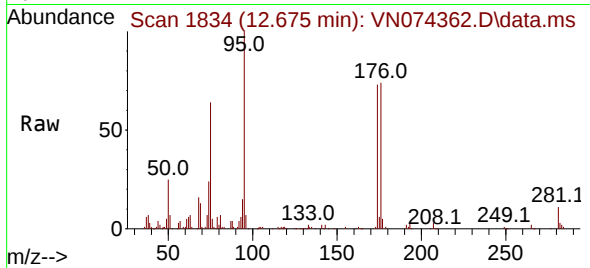




#60
4-Bromofluorobenzene
Concen: 25.278 ug/l
RT: 12.675 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074362.D
Acq: 08 Sep 2022 17:03

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion: 95 Resp: 149421
Ion Ratio Lower Upper
95 100
174 72.8 62.9 94.3
176 71.5 61.0 91.4



#63
Toluene-d8
Concen: 31.727 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074362.D
Acq: 08 Sep 2022 17:03

Tgt Ion: 98 Resp: 526750
Ion Ratio Lower Upper
98 100
100 62.1 50.6 76.0

