

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074363.D
 Acq On : 08 Sep 2022 17:27
 Operator : JC\MD
 Sample : N4452-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Sep 09 05:38:04 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	54101	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	320369	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	264261	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	180184	32.439	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.133%
60) 4-Bromofluorobenzene	12.674	95	140843	26.651	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.833%
63) Toluene-d8	10.380	98	482797	32.526	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	108.433%

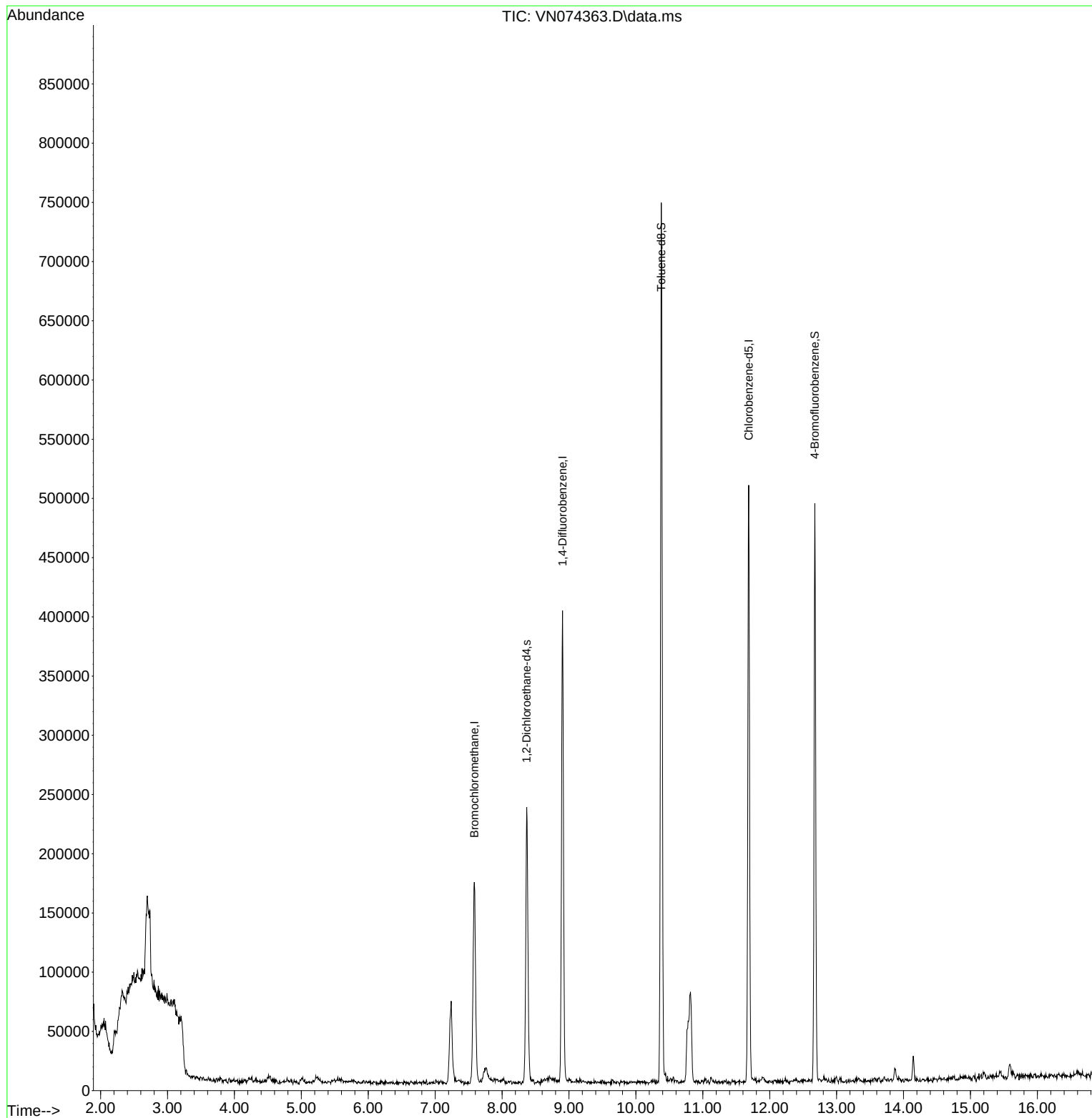
Target Compounds	Qvalue

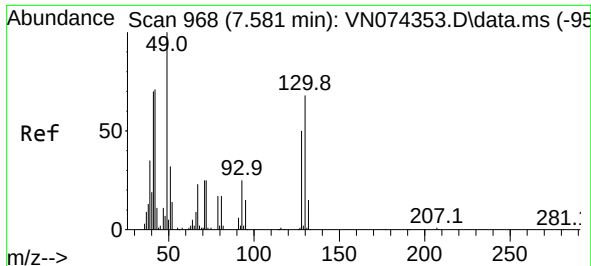
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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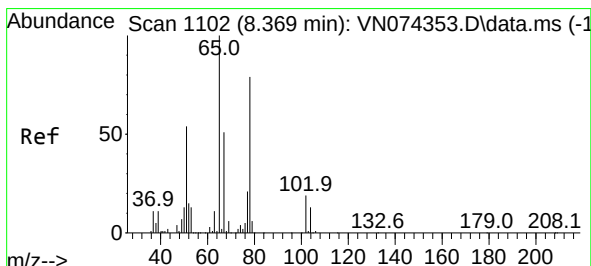
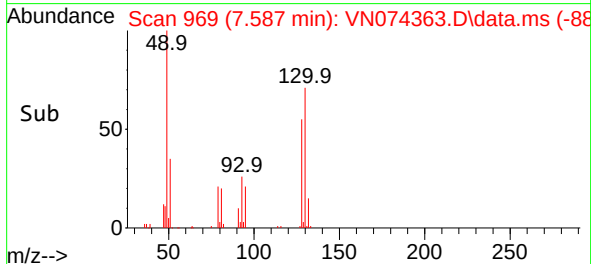
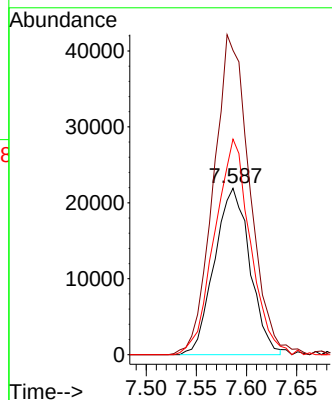
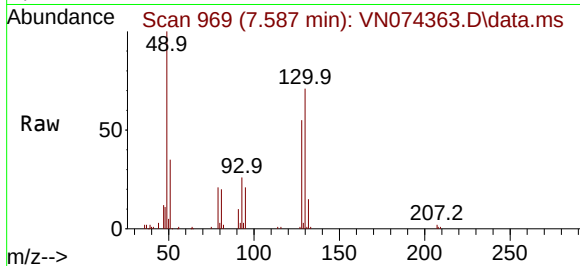




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

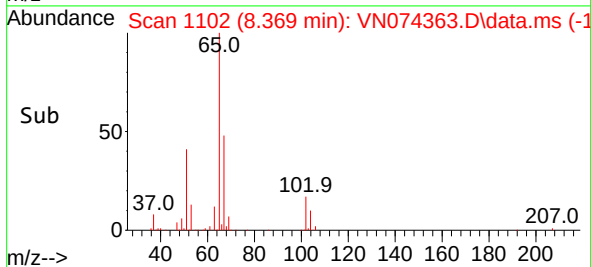
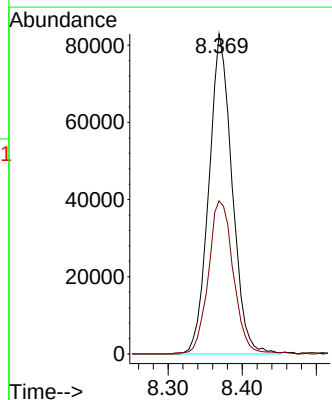
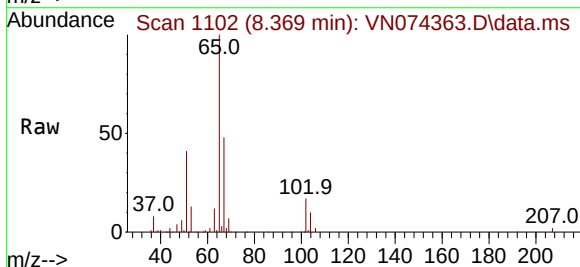
Instrument :
MSVOA_N
ClientSampleId :
TB

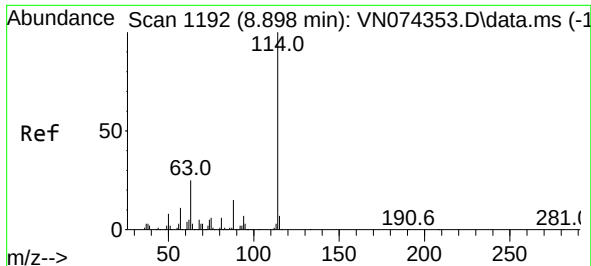
Tgt Ion:128 Resp: 54101
Ion Ratio Lower Upper
128 100
49 196.1 0.0 392.3
130 129.8 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 32.439 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 65 Resp: 180184
Ion Ratio Lower Upper
65 100
67 50.2 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: VN074363.D

Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_N

ClientSampleId :

TB

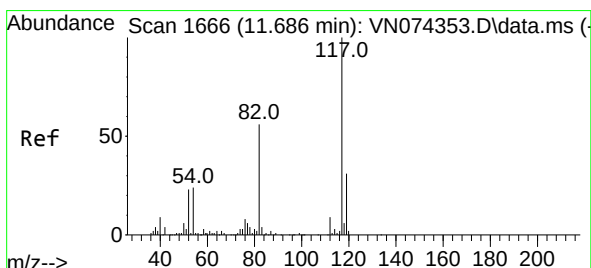
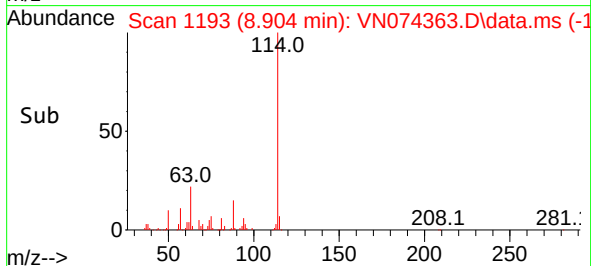
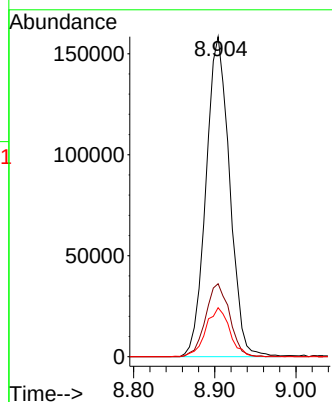
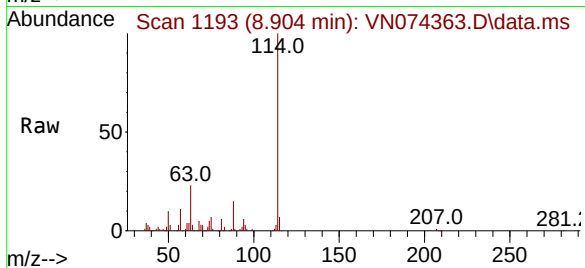
Tgt Ion:114 Resp: 320369

Ion Ratio Lower Upper

114 100

63 23.1 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: VN074363.D

Acq: 08 Sep 2022 17:27

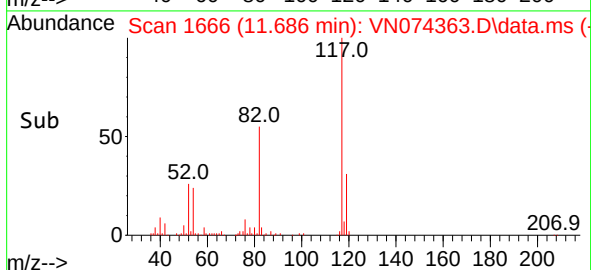
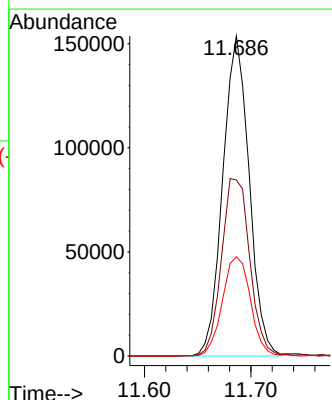
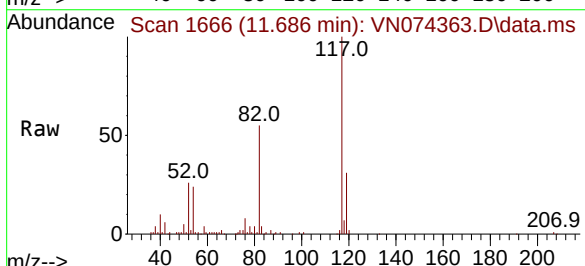
Tgt Ion:117 Resp: 264261

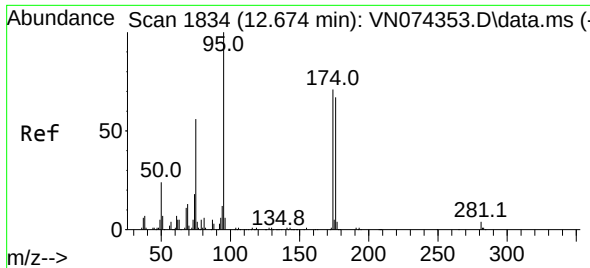
Ion Ratio Lower Upper

117 100

82 59.4 43.6 65.4

119 33.1 25.8 38.6

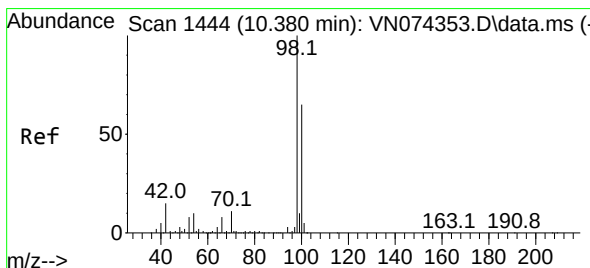
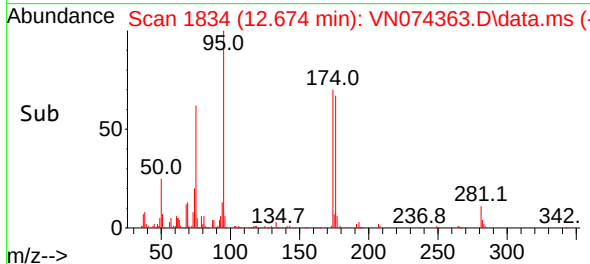
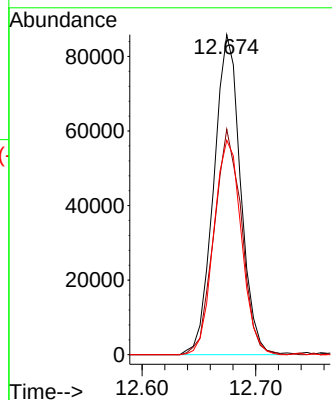
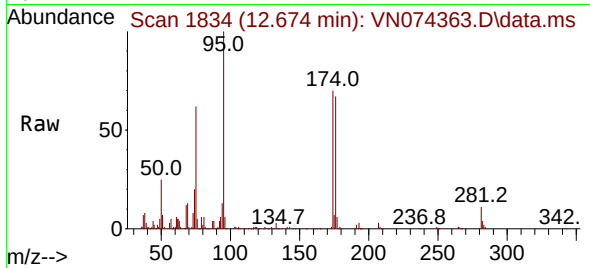




#60
4-Bromofluorobenzene
Concen: 26.651 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
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Tgt Ion: 95 Resp: 140843
Ion Ratio Lower Upper
95 100
174 72.3 62.9 94.3
176 69.3 61.0 91.4



#63
Toluene-d8
Concen: 32.526 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 98 Resp: 482797
Ion Ratio Lower Upper
98 100
100 65.3 50.6 76.0

