

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074359.D
 Acq On : 08 Sep 2022 15:31
 Operator : JC\MD
 Sample : VN0908WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0908WBL01

Quant Time: Sep 09 05:36:02 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	76505	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	462979	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	382370	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	251874	32.066	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.900%
60) 4-Bromofluorobenzene	12.674	95	198312	25.935	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.433%
63) Toluene-d8	10.380	98	682498	31.778	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.933%

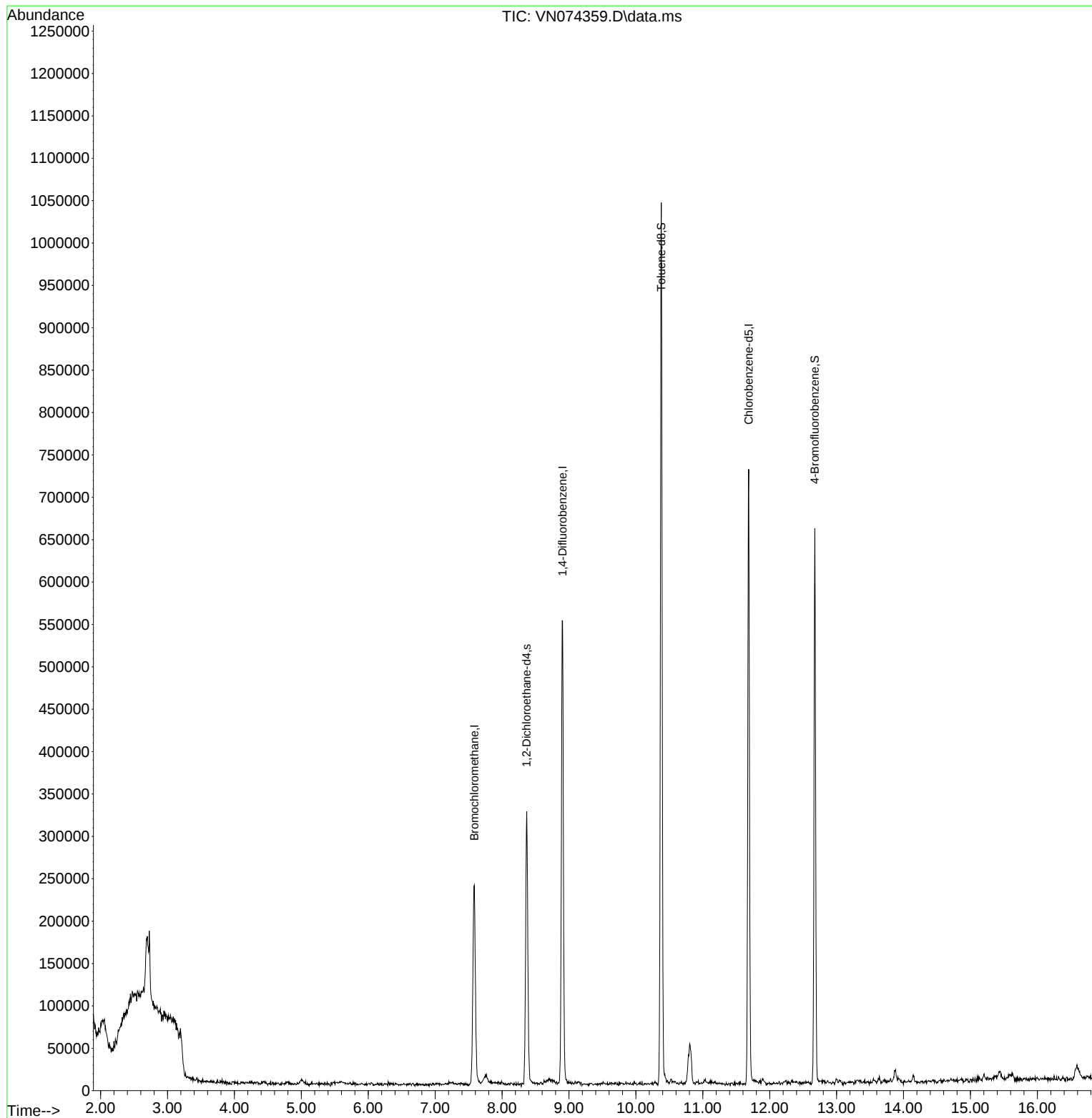
Target Compounds	Qvalue

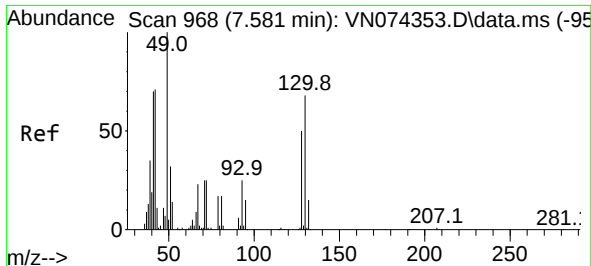
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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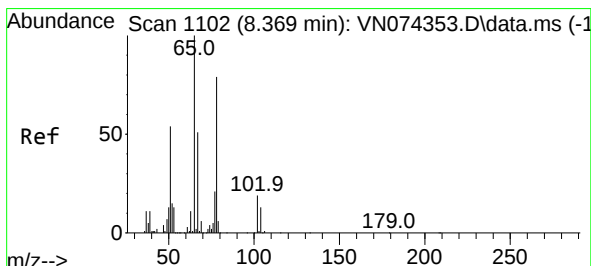
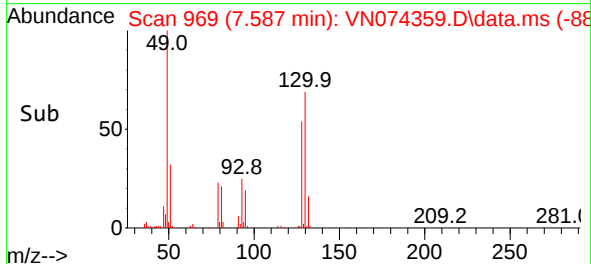
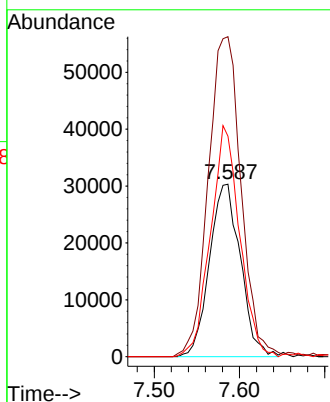
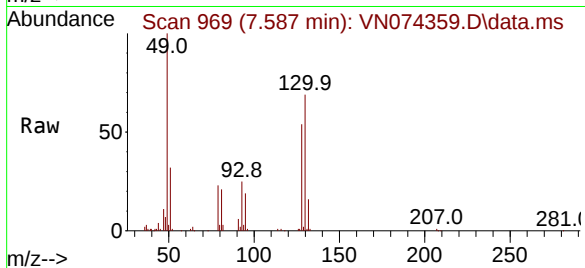




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 968
Delta R.T. 0.005 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

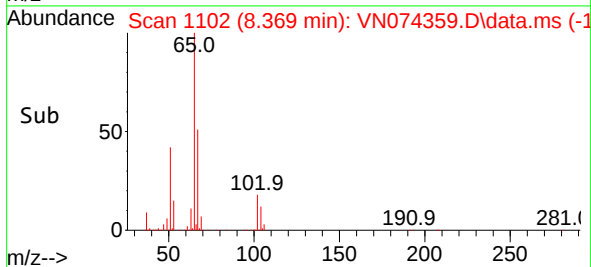
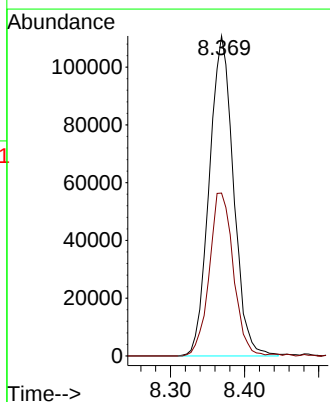
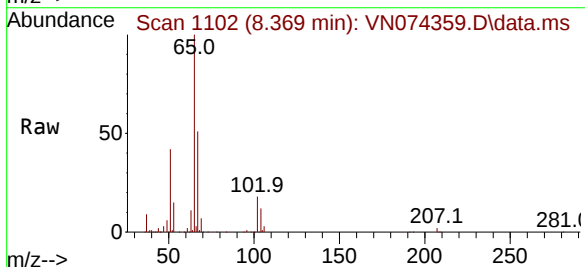
Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

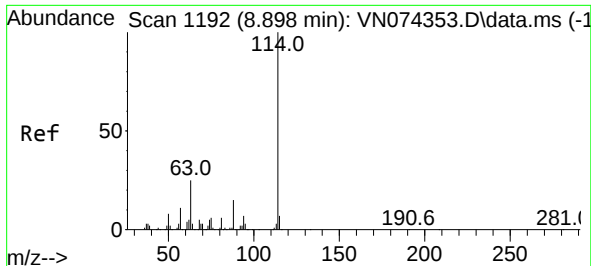
Tgt Ion:128 Resp: 76505
Ion Ratio Lower Upper
128 100
49 196.3 0.0 392.3
130 126.2 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 32.066 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Tgt Ion: 65 Resp: 251874
Ion Ratio Lower Upper
65 100
67 50.5 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: VN074359.D

Acq: 08 Sep 2022 15:31

Instrument :

MSVOA_N

ClientSampleId :

VN0908WBL01

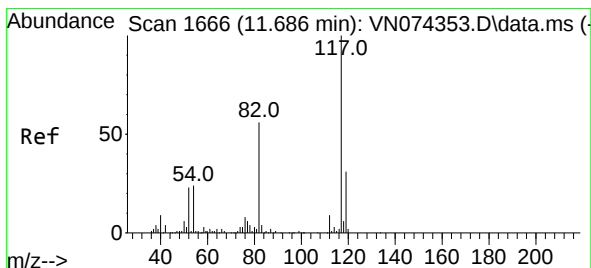
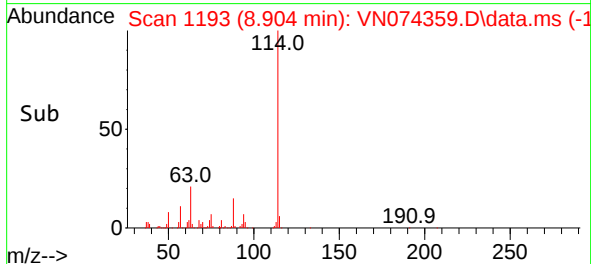
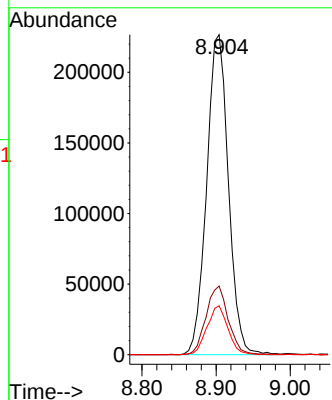
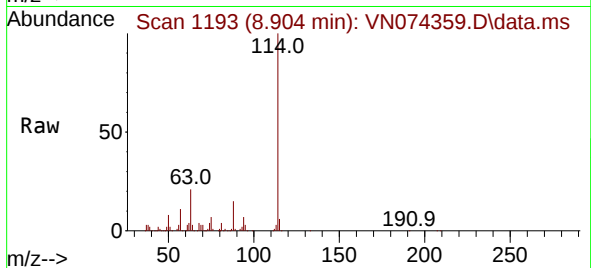
Tgt Ion:114 Resp: 462979

Ion Ratio Lower Upper

114 100

63 21.9 15.8 23.6

88 14.7 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: VN074359.D

Acq: 08 Sep 2022 15:31

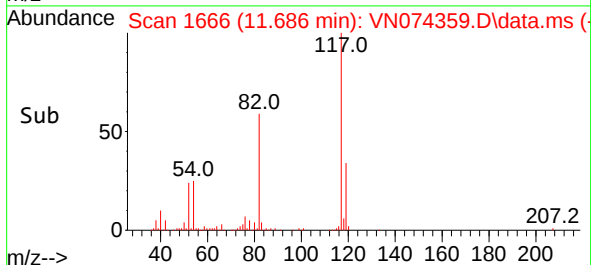
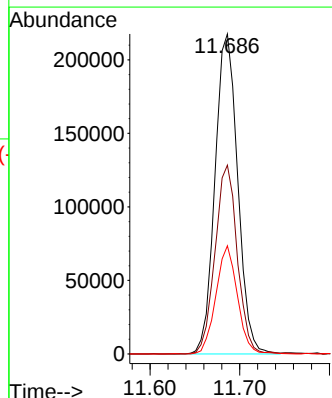
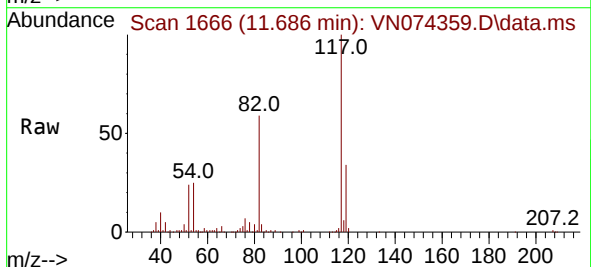
Tgt Ion:117 Resp: 382370

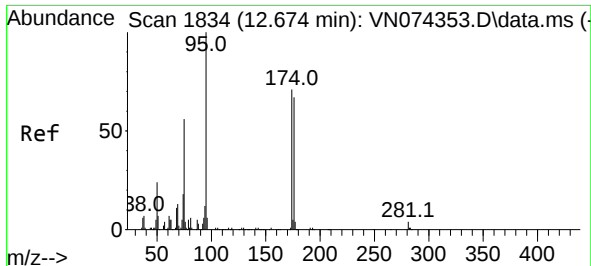
Ion Ratio Lower Upper

117 100

82 57.6 43.6 65.4

119 31.9 25.8 38.6

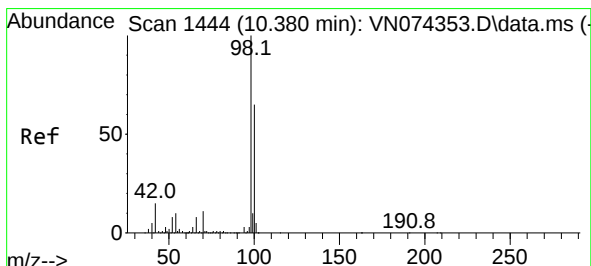
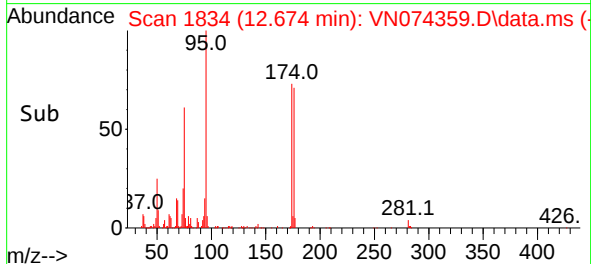
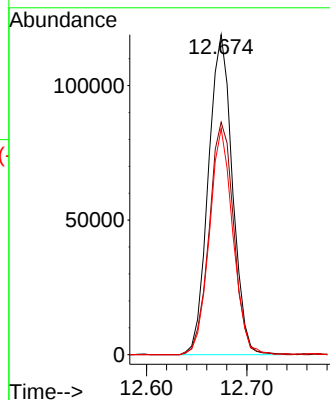
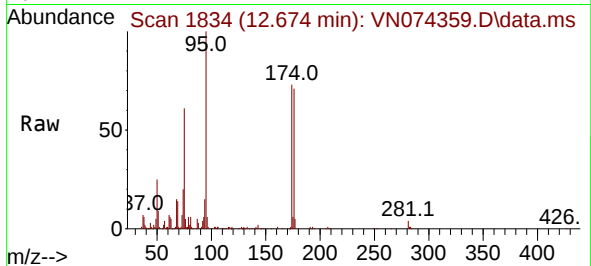




#60
4-Bromofluorobenzene
Concen: 25.935 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Instrument :
MSVOA_N
ClientSampleId :
VN0908WBL01

Tgt Ion: 95 Resp: 198312
Ion Ratio Lower Upper
95 100
174 74.0 62.9 94.3
176 69.1 61.0 91.4



#63
Toluene-d8
Concen: 31.778 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Tgt Ion: 98 Resp: 682498
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0

