

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073075.D
 Acq On : 24 Jun 2022 11:20
 Operator : JC\MD
 Sample : VN0624WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBL01

Quant Time: Jun 24 23:33:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.586	128	39707	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	230352	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	190604	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	115245	30.108	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.367%
60) 4-Bromofluorobenzene	12.668	95	99551	27.299	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.000%
63) Toluene-d8	10.374	98	323100	31.303	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.333%

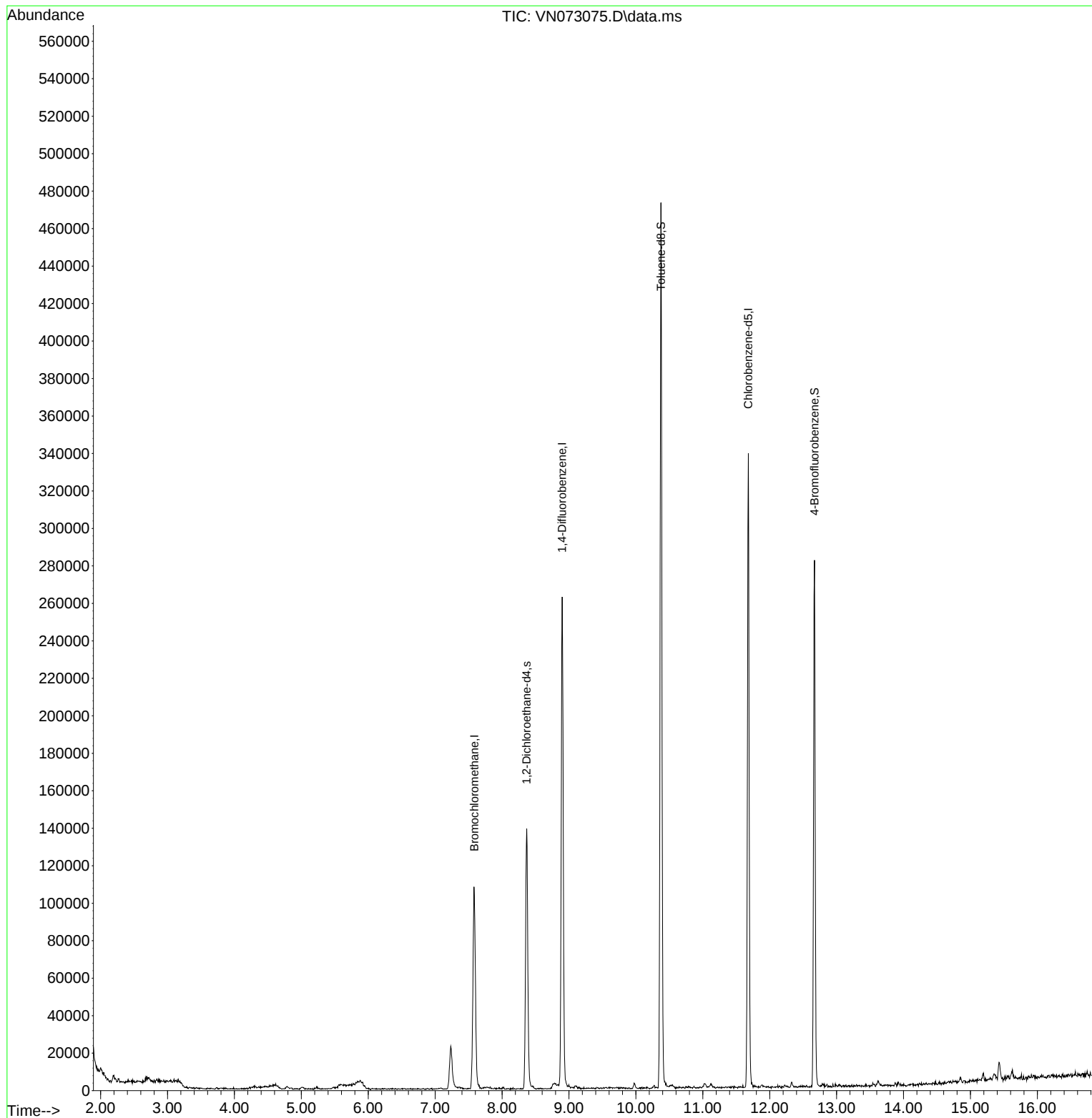
Target Compounds	Qvalue

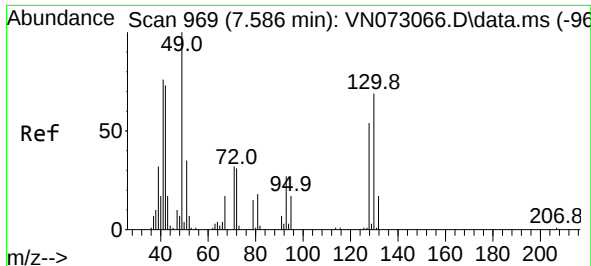
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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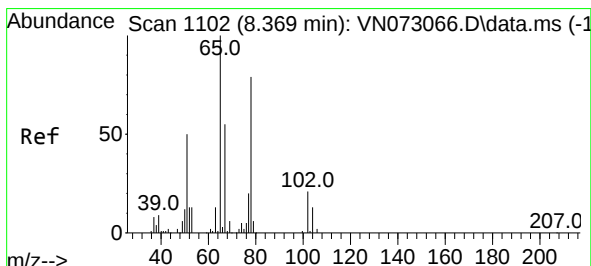
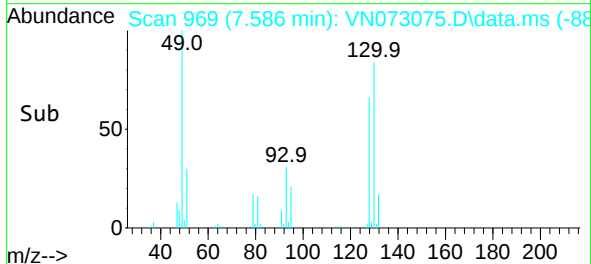
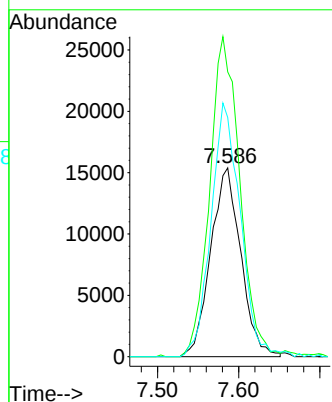
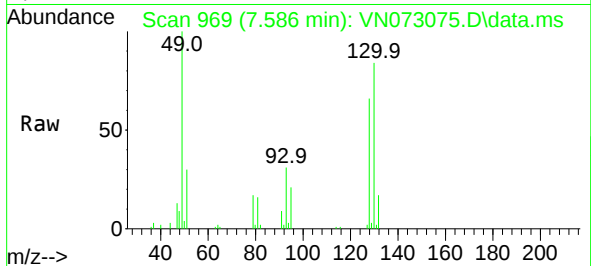




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

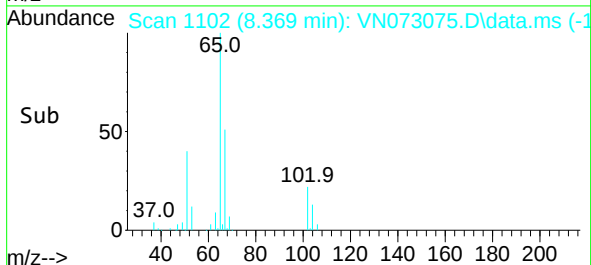
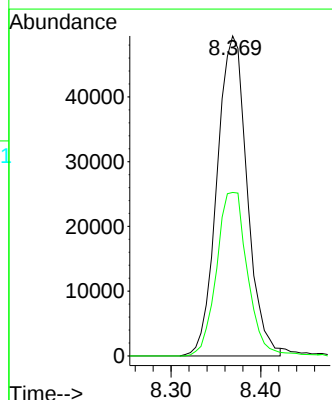
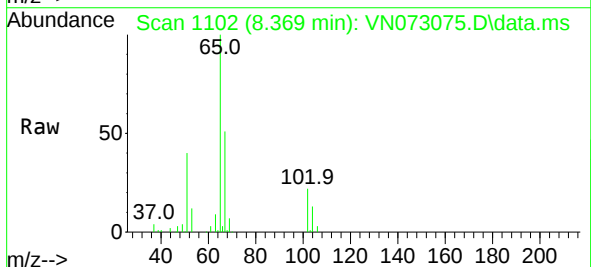
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

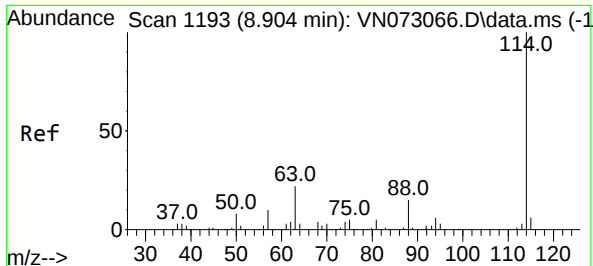
Tgt Ion:128 Resp: 39707
Ion Ratio Lower Upper
128 100
49 169.0 0.0 392.3
130 129.6 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 30.108 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

Tgt Ion: 65 Resp: 115245
Ion Ratio Lower Upper
65 100
67 52.6 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073075.D

Acq: 24 Jun 2022 11:20

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBL01

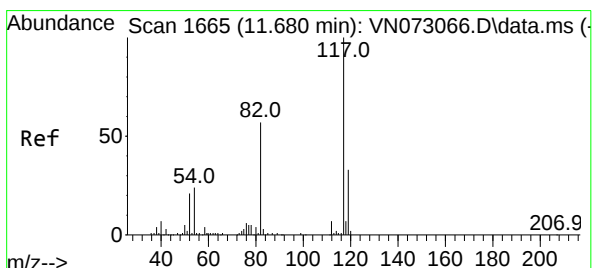
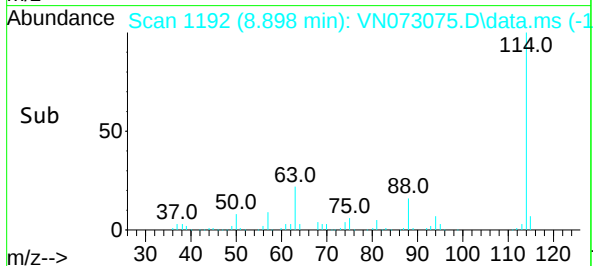
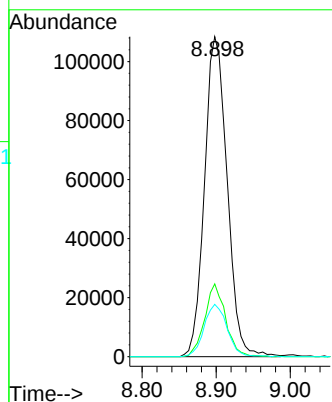
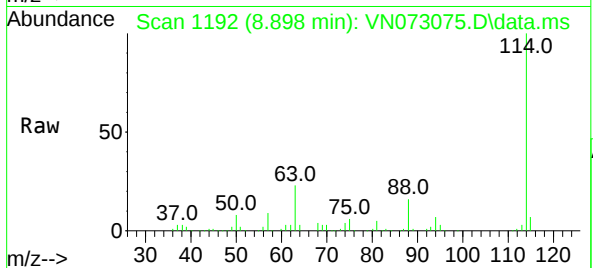
Tgt Ion:114 Resp: 230352

Ion Ratio Lower Upper

114 100

63 20.8 15.8 23.6

88 16.5 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.680 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VN073075.D

Acq: 24 Jun 2022 11:20

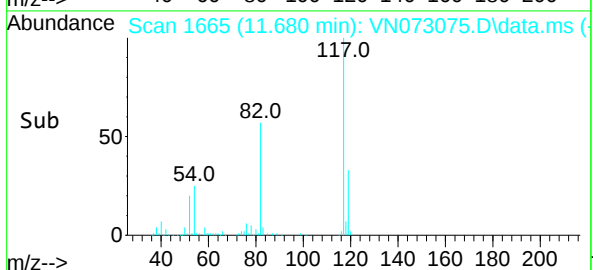
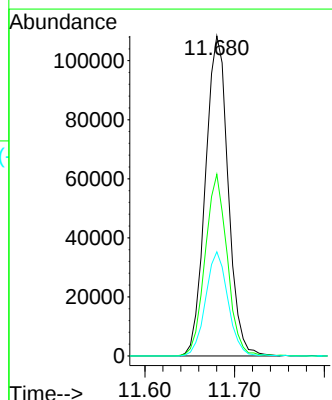
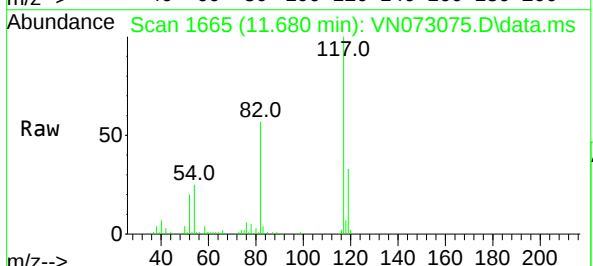
Tgt Ion:117 Resp: 190604

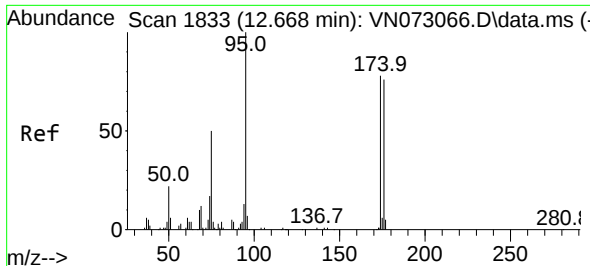
Ion Ratio Lower Upper

117 100

82 55.0 43.6 65.4

119 31.9 25.8 38.6

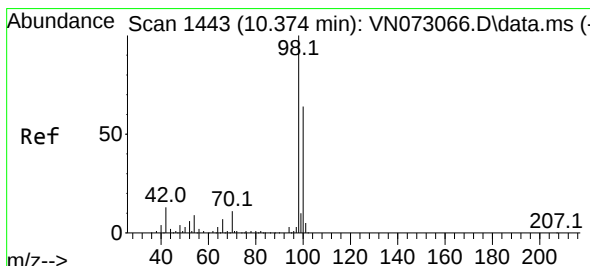
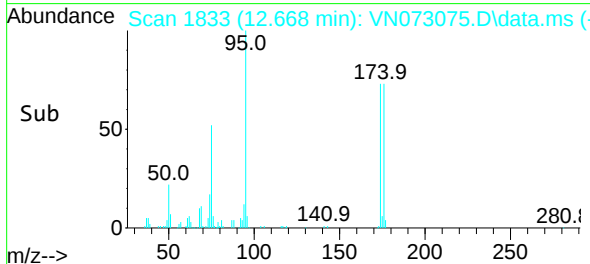
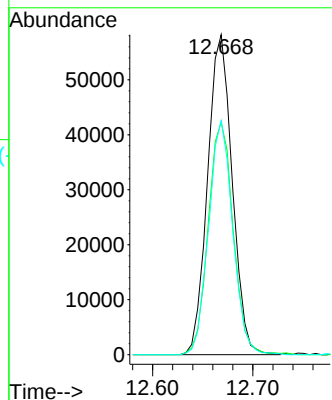
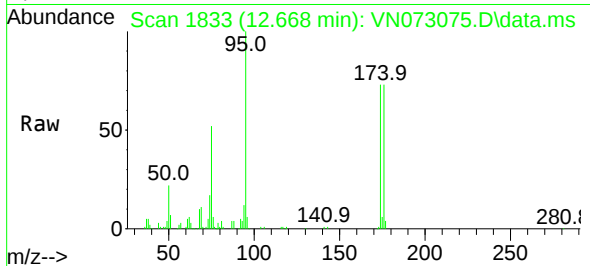




#60
4-Bromofluorobenzene
Concen: 27.299 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBL01

Tgt Ion: 95 Resp: 99551
Ion Ratio Lower Upper
95 100
174 73.8 62.9 94.3
176 71.5 61.0 91.4



#63
Toluene-d8
Concen: 31.303 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073075.D
Acq: 24 Jun 2022 11:20

Tgt Ion: 98 Resp: 323100
Ion Ratio Lower Upper
98 100
100 65.8 50.6 76.0

