

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067679.D
 Acq On : 9 Jul 2021 11:48
 Operator : JC/MD
 Sample : VN0709WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL01

Quant Time: Jul 10 05:17:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	58502	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	348603	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	303094	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	152824	32.327	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.767%
60) 4-Bromofluorobenzene	12.736	95	129747	26.314	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.700%
63) Toluene-d8	10.443	98	430424	31.035	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.467%

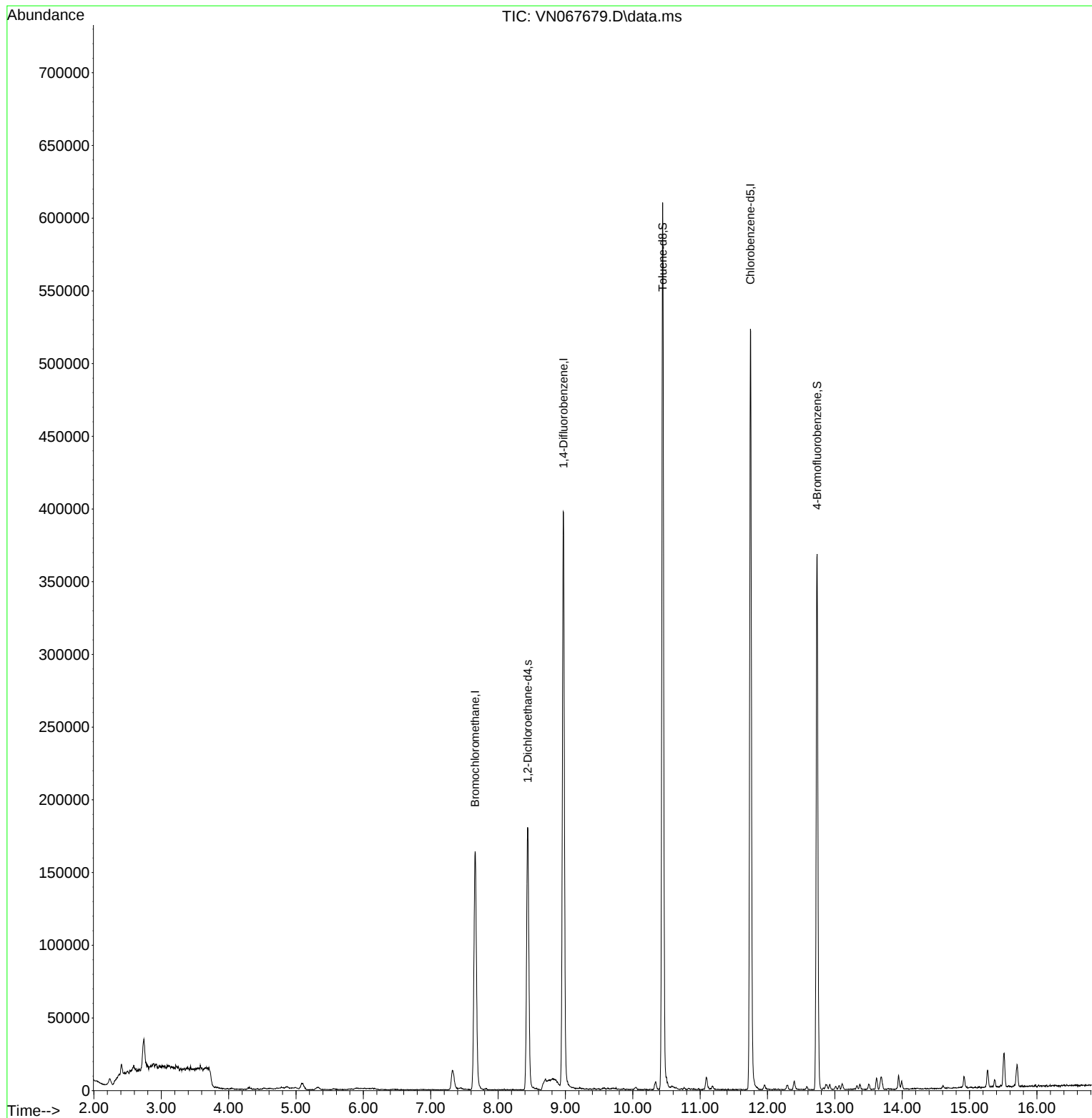
Target Compounds	Qvalue

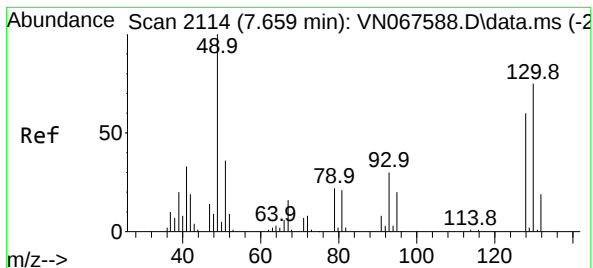
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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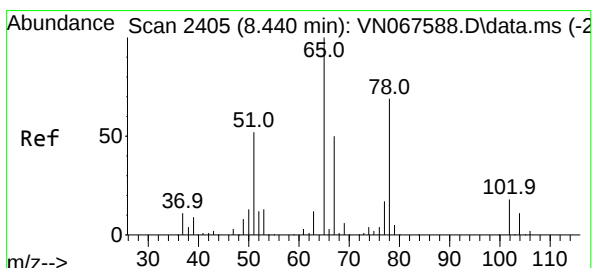
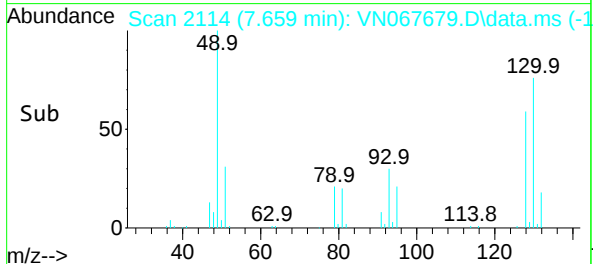
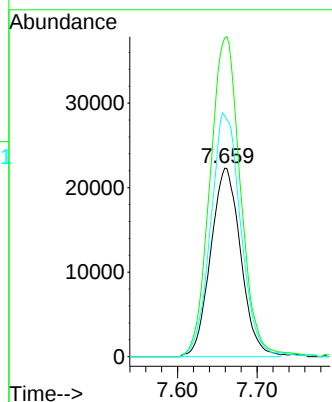
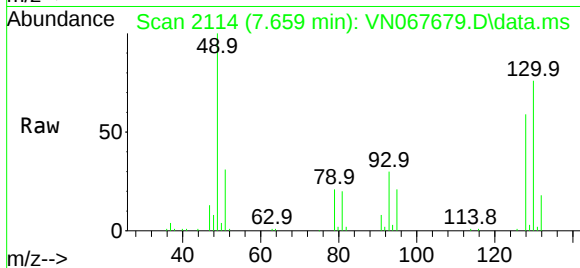


#1

Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067679.D
Acq: 9 Jul 2021 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

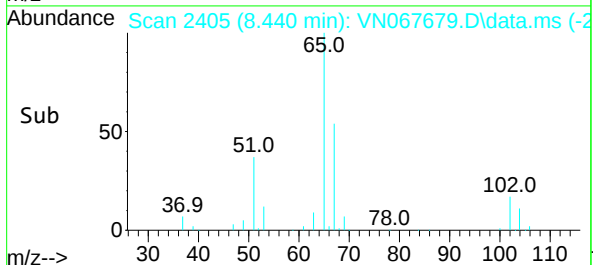
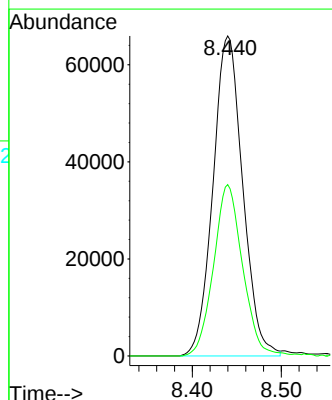
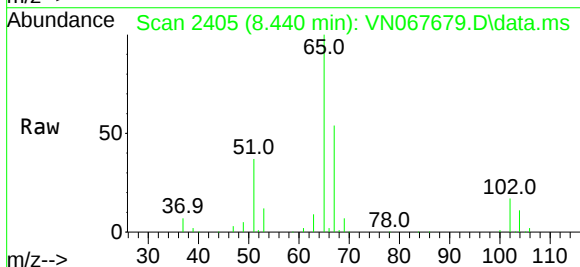
Tgt Ion:128 Resp: 58502
Ion Ratio Lower Upper
128 100
49 171.6 0.0 517.5
130 129.1 0.0 325.8

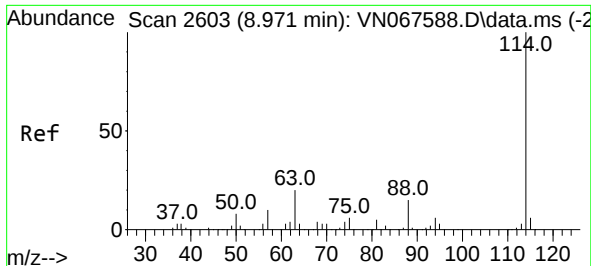


#27

1,2-Dichloroethane-d4
Concen: 32.327 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN067679.D
Acq: 9 Jul 2021 11:48

Tgt Ion: 65 Resp: 152824
Ion Ratio Lower Upper
65 100
67 52.3 39.8 59.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.000 min

Lab File: VN067679.D

Acq: 9 Jul 2021 11:48

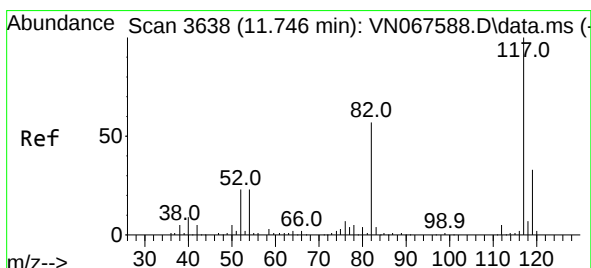
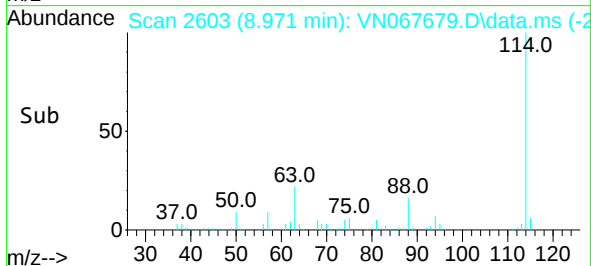
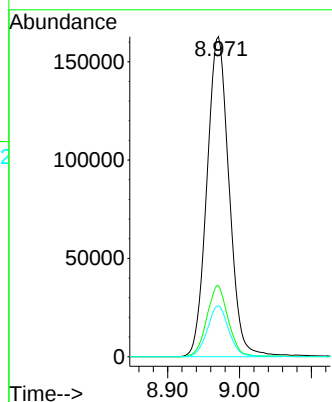
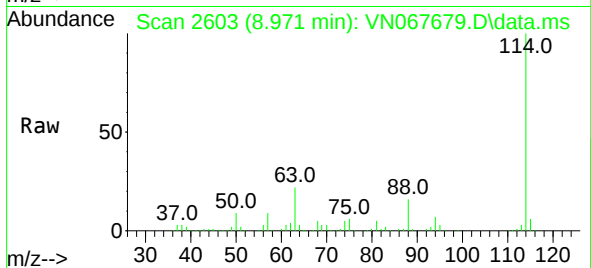
Tgt Ion:114 Resp: 348603

Ion Ratio Lower Upper

114 100

63 21.4 20.3 30.5

88 15.4 14.6 22.0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VN067679.D

Acq: 9 Jul 2021 11:48

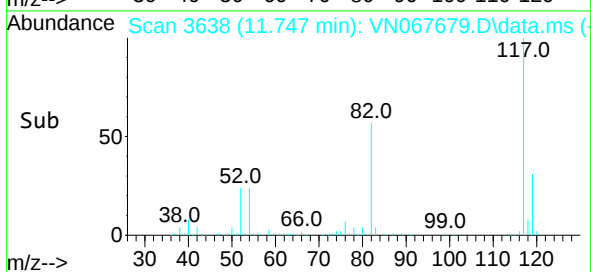
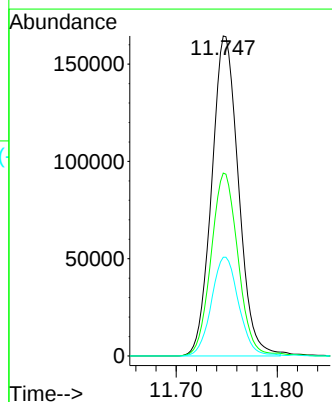
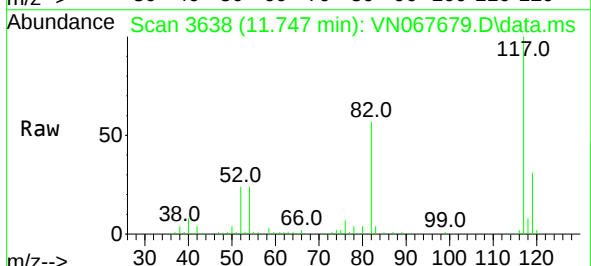
Tgt Ion:117 Resp: 303094

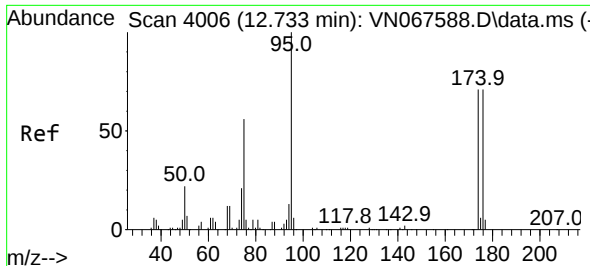
Ion Ratio Lower Upper

117 100

82 57.2 52.5 78.7

119 31.4 25.8 38.8

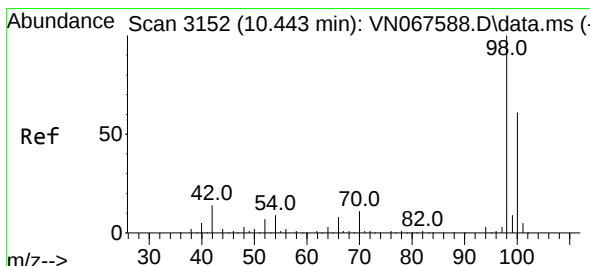
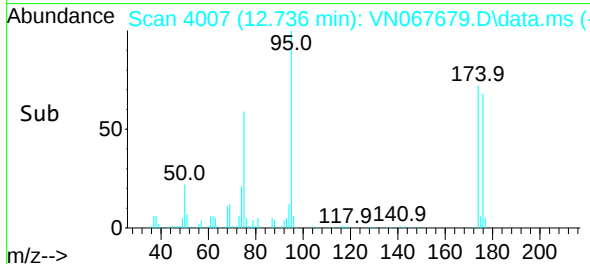
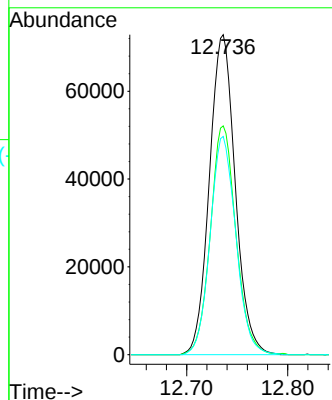
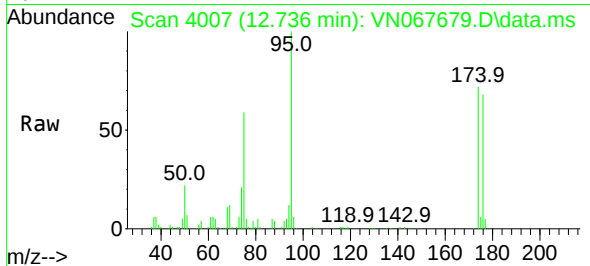




#60
4-Bromofluorobenzene
Concen: 26.314 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067679.D
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Tgt Ion: 95 Resp: 129747
Ion Ratio Lower Upper
95 100
174 70.6 47.7 71.5
176 67.8 45.7 68.5



#63
Toluene-d8
Concen: 31.035 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067679.D
Acq: 9 Jul 2021 11:48

Tgt Ion: 98 Resp: 430424
Ion Ratio Lower Upper
98 100
100 62.0 51.2 76.8

