

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070921\
 Data File : VN067685.D
 Acq On : 9 Jul 2021 15:02
 Operator : JC/MD
 Sample : M2975-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WGGM-21-WW-TSF-028

Quant Time: Jul 10 05:19:27 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	7.662	128	56560	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	338115	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	290682	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	157737	34.512	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	115.033%#
60) 4-Bromofluorobenzene	12.734	95	123161	26.045	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.800%
63) Toluene-d8	10.443	98	412649	31.024	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.400%

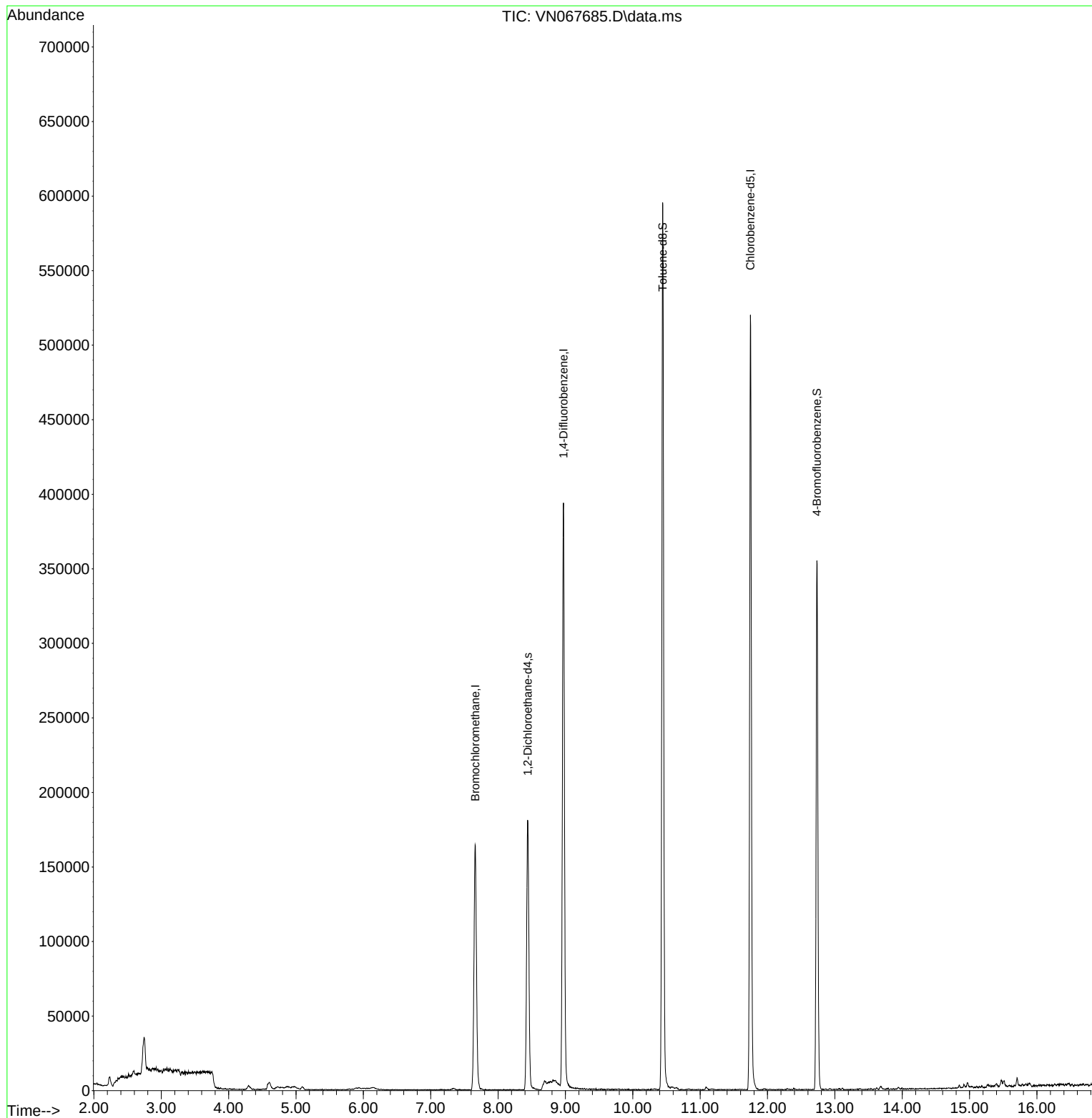
Target Compounds	Qvalue

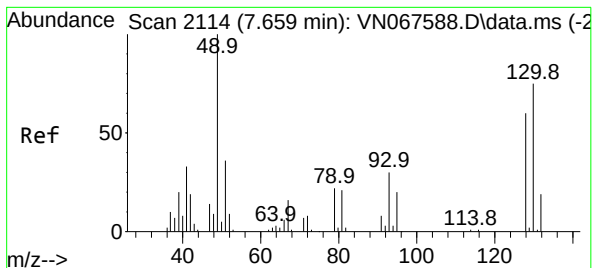
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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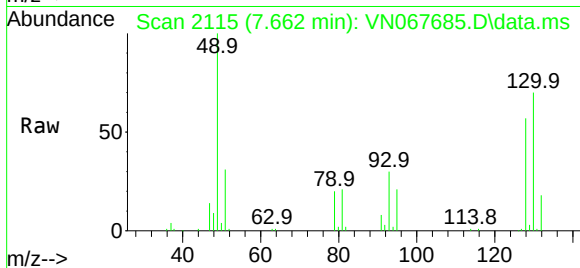




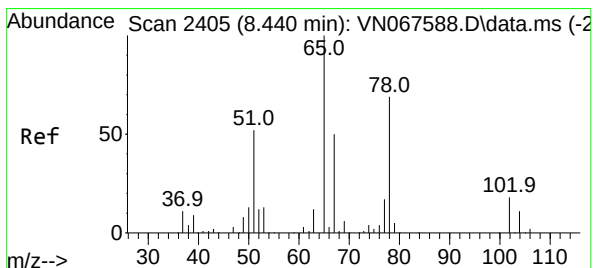
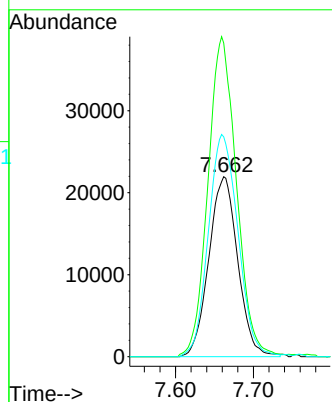
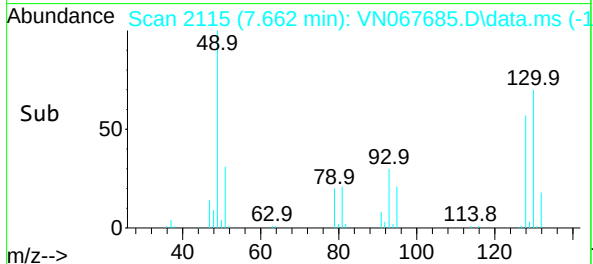
#1

Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN067685.D
Acq: 9 Jul 2021 15:02

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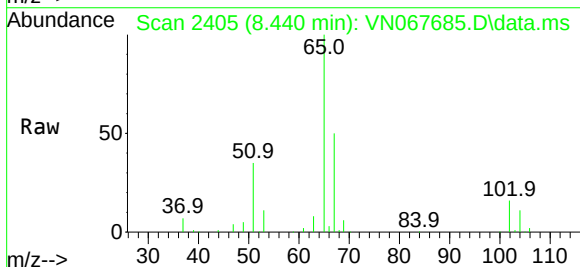


Tgt Ion:128 Resp: 56560
Ion Ratio Lower Upper
128 100
49 175.3 0.0 517.5
130 126.8 0.0 325.8

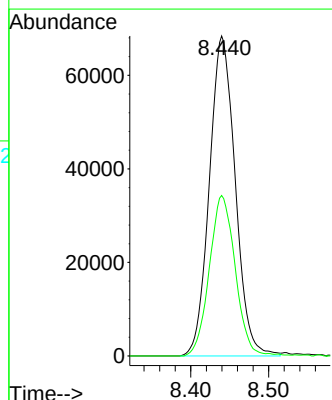
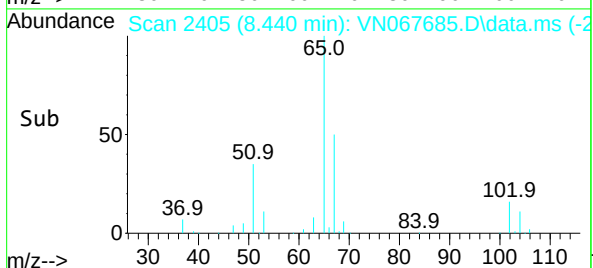


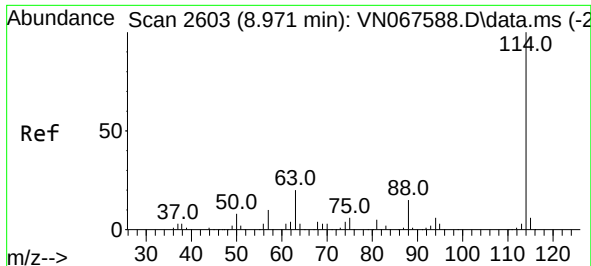
#27

1,2-Dichloroethane-d4
Concen: 34.512 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN067685.D
Acq: 9 Jul 2021 15:02



Tgt Ion: 65 Resp: 157737
Ion Ratio Lower Upper
65 100
67 49.9 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: VN067685.D

Acq: 9 Jul 2021 15:02

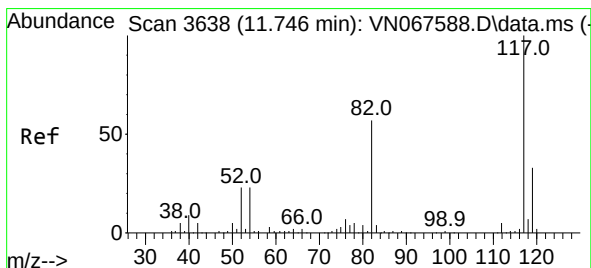
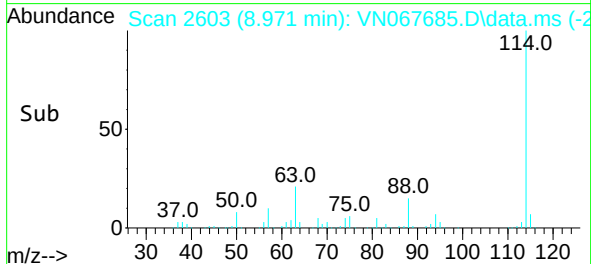
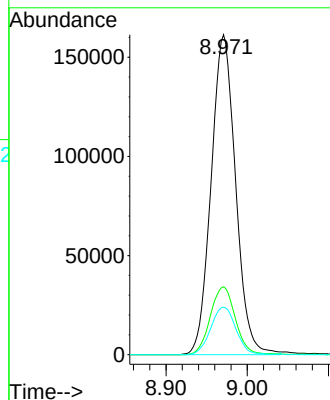
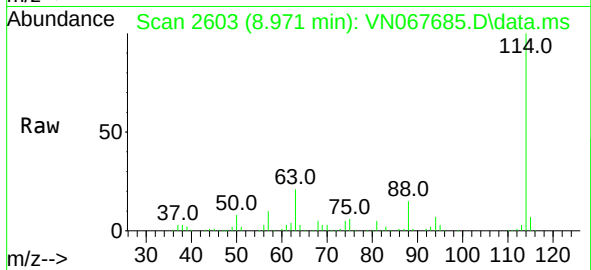
Tgt Ion:114 Resp: 338115

Ion Ratio Lower Upper

114 100

63 21.6 20.3 30.5

88 15.3 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: VN067685.D

Acq: 9 Jul 2021 15:02

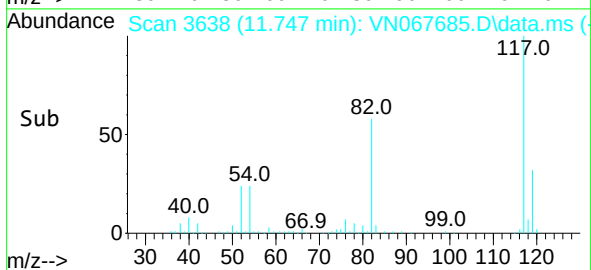
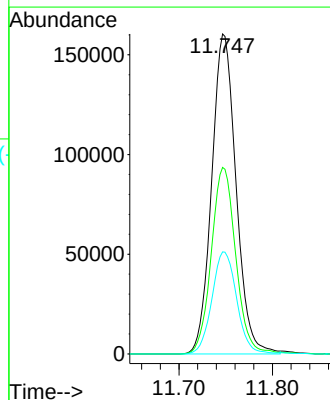
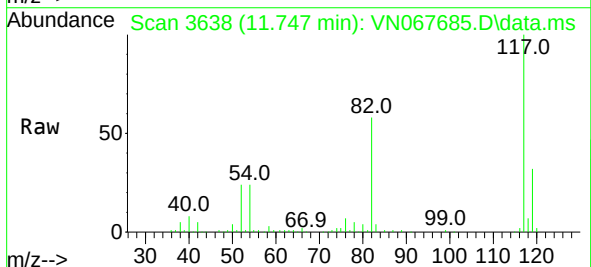
Tgt Ion:117 Resp: 290682

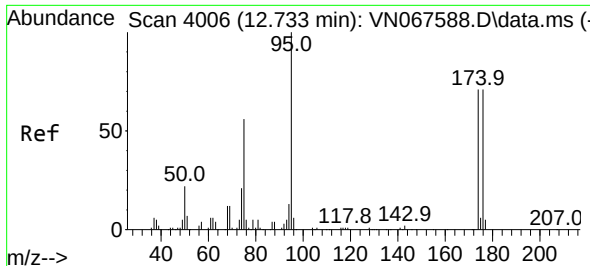
Ion Ratio Lower Upper

117 100

82 58.7 52.5 78.7

119 32.4 25.8 38.8

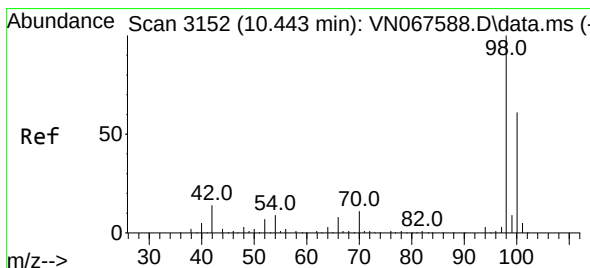
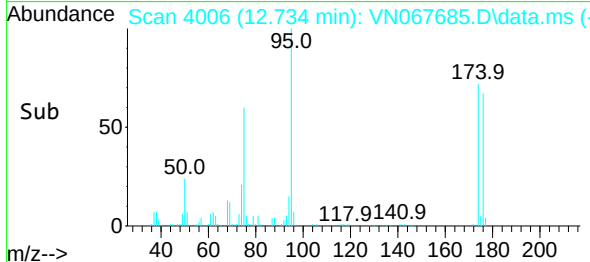
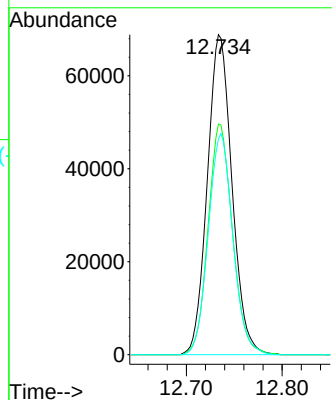
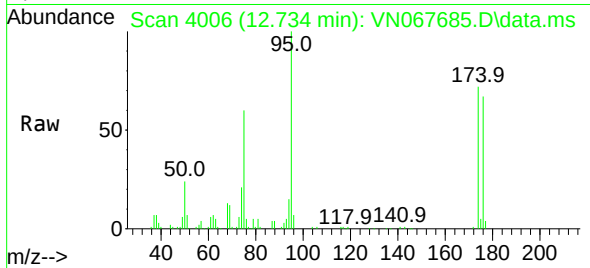




#60
4-Bromofluorobenzene
Concen: 26.045 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067685.D
Acq: 9 Jul 2021 15:02

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Tgt Ion: 95 Resp: 123161
Ion Ratio Lower Upper
95 100
174 71.2 47.7 71.5
176 68.9 45.7 68.5#



#63
Toluene-d8
Concen: 31.024 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067685.D
Acq: 9 Jul 2021 15:02

Tgt Ion: 98 Resp: 412649
Ion Ratio Lower Upper
98 100
100 63.3 51.2 76.8

