

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067752.D
 Acq On : 14 Jul 2021 18:46
 Operator : JC/MD
 Sample : M3039-22RE 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EX-05RE

Quant Time: Jul 15 06:30:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	59026	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	343313	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	302824	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	160464	33.650	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.167%#
60) 4-Bromofluorobenzene	12.734	95	125905	25.601	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.333%
63) Toluene-d8	10.443	98	430237	30.889	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.967%

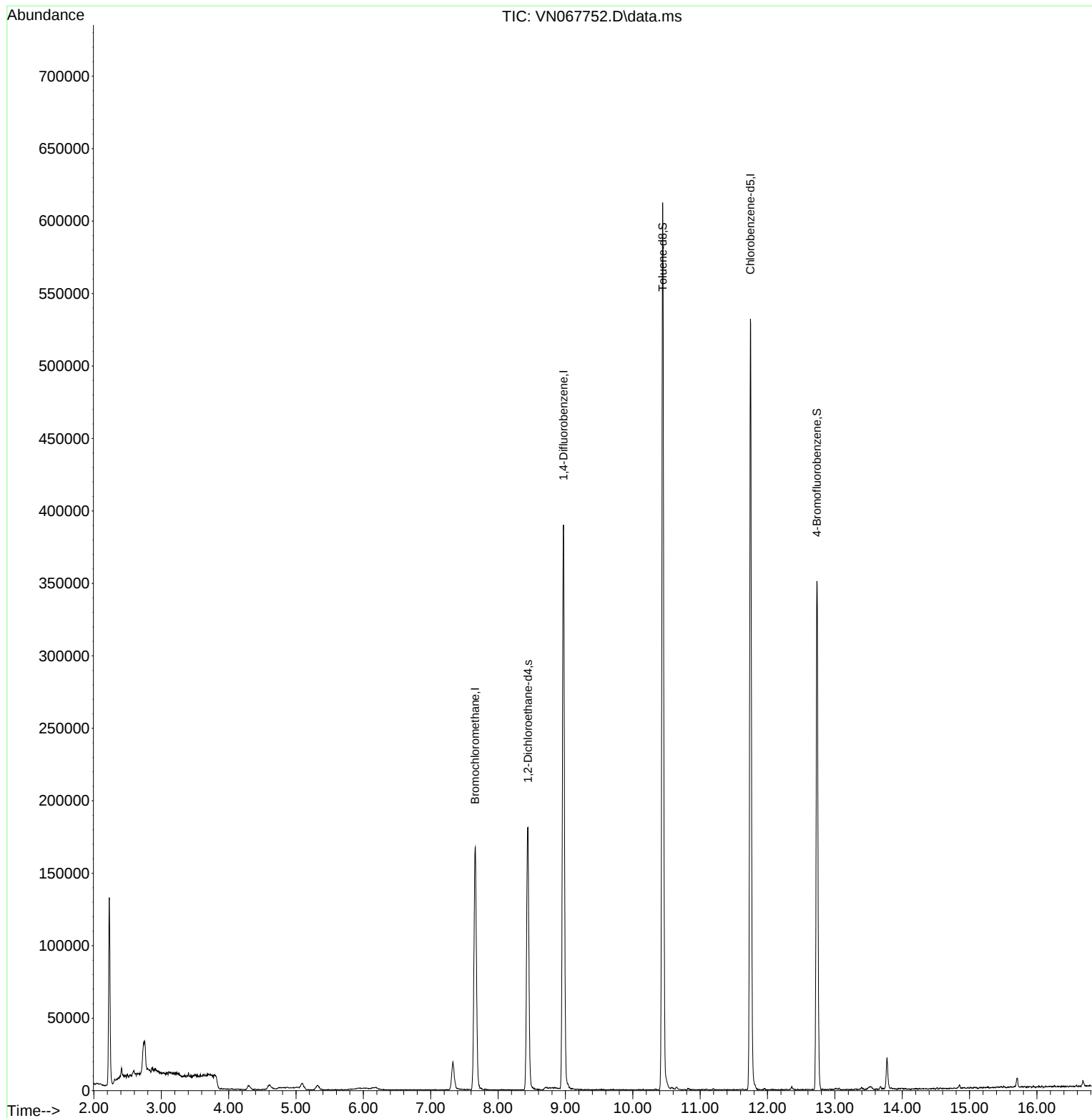
Target Compounds	Qvalue

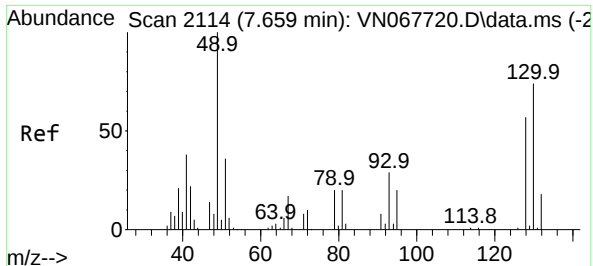
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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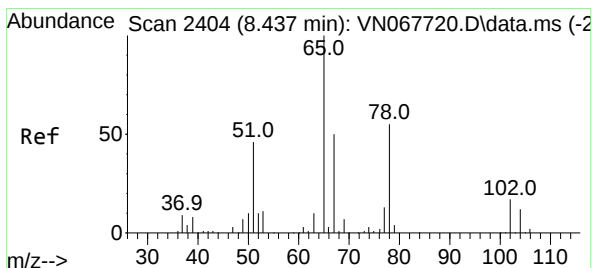
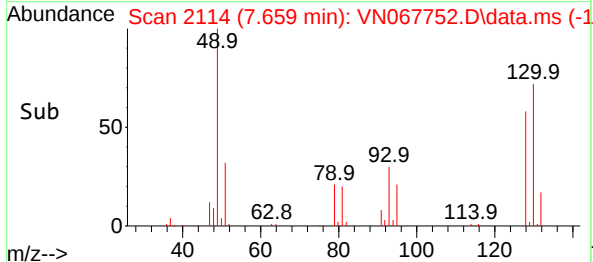
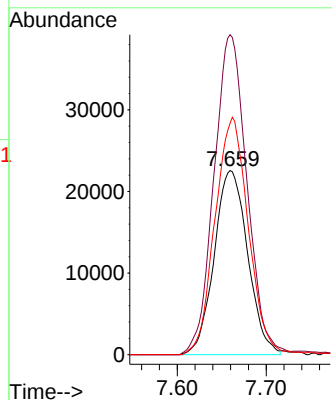
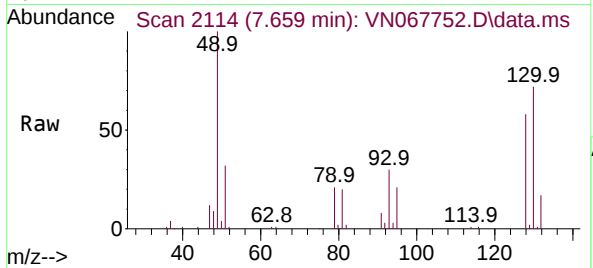




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067752.D
Acq: 14 Jul 2021 18:46

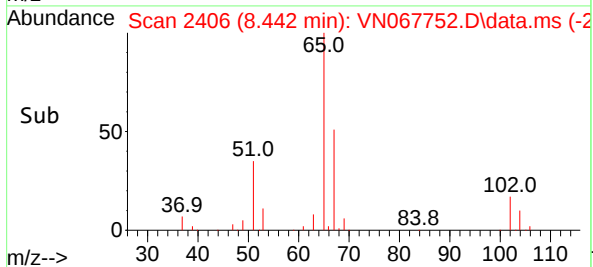
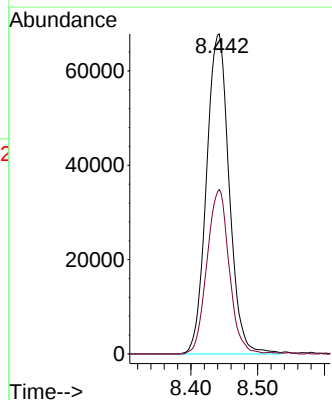
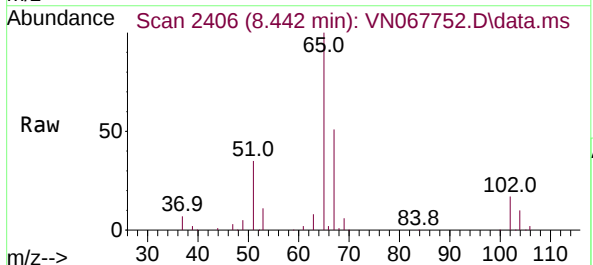
Instrument :
MSVOA_N
ClientSampled :
EX-05RE

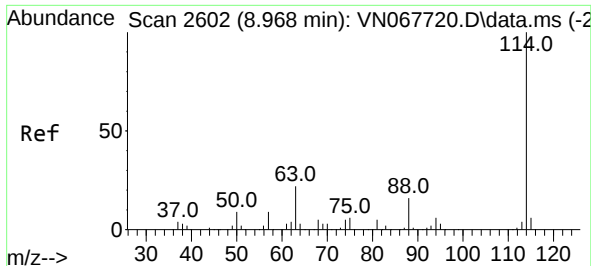
Tgt Ion:128 Resp: 59026
Ion Ratio Lower Upper
128 100
49 170.9 0.0 433.0
130 127.9 0.0 323.8



#27
1,2-Dichloroethane-d4
Concen: 33.650 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.005 min
Lab File: VN067752.D
Acq: 14 Jul 2021 18:46

Tgt Ion: 65 Resp: 160464
Ion Ratio Lower Upper
65 100
67 50.2 40.6 60.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN067752.D

Acq: 14 Jul 2021 18:46

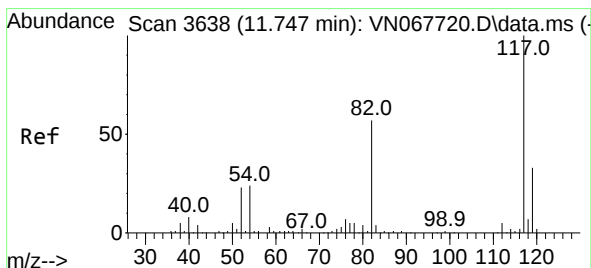
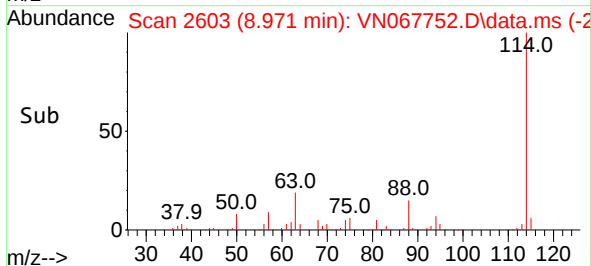
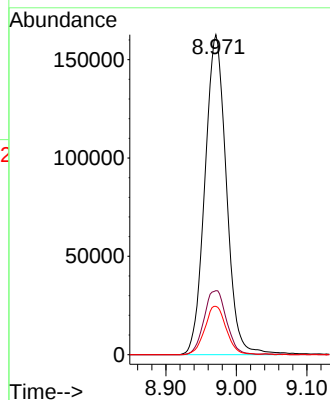
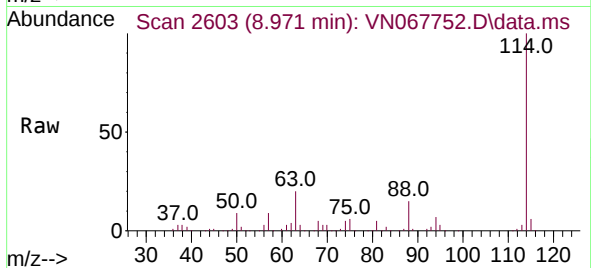
Tgt Ion:114 Resp: 343313

Ion Ratio Lower Upper

114 100

63 21.1 17.2 25.8

88 15.1 12.4 18.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VN067752.D

Acq: 14 Jul 2021 18:46

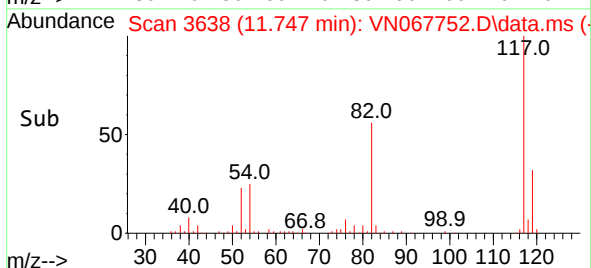
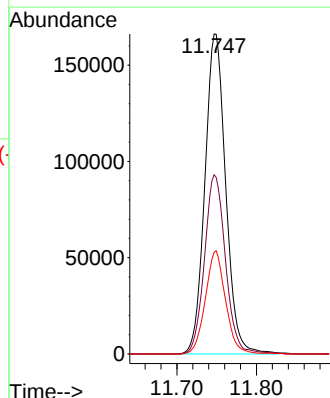
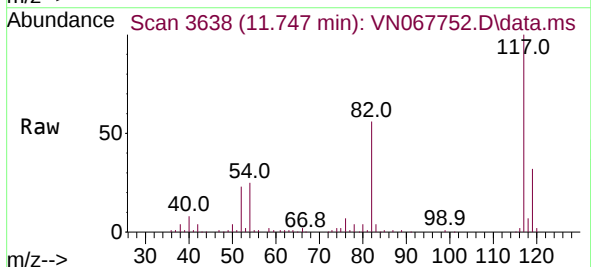
Tgt Ion:117 Resp: 302824

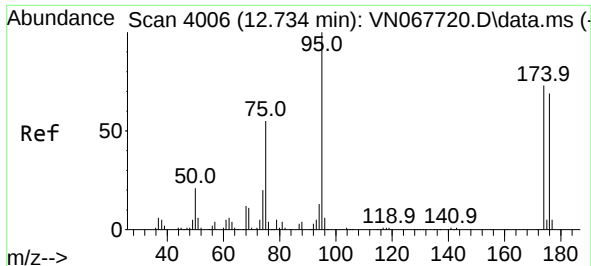
Ion Ratio Lower Upper

117 100

82 56.5 45.4 68.0

119 31.2 25.7 38.5

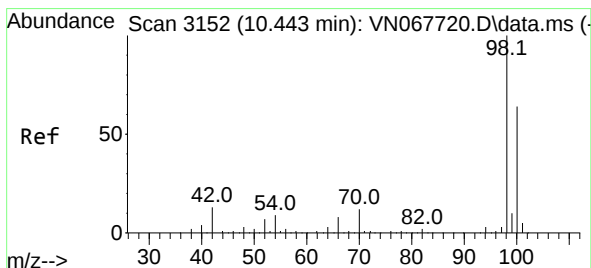
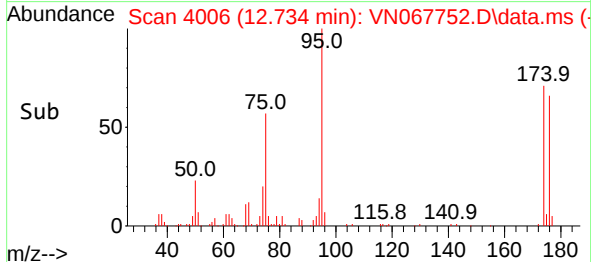
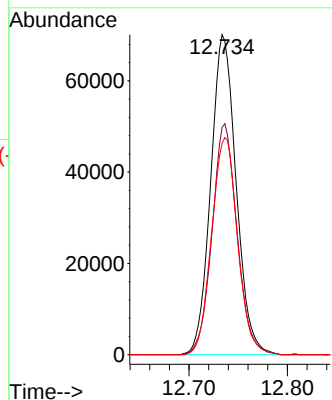
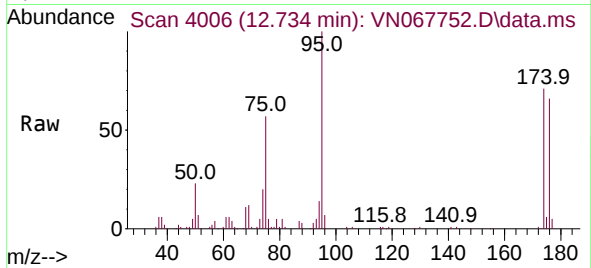




#60
4-Bromofluorobenzene
Concen: 25.601 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067752.D
Acq: 14 Jul 2021 18:46

Instrument :
MSVOA_N
ClientSampleId :
EX-05RE

Tgt Ion: 95 Resp: 125905
Ion Ratio Lower Upper
95 100
174 70.8 57.1 85.7
176 69.3 54.6 81.8



#63
Toluene-d8
Concen: 30.889 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067752.D
Acq: 14 Jul 2021 18:46

Tgt Ion: 98 Resp: 430237
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.4

