

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068414.D
 Acq On : 3 Sep 2021 17:52
 Operator : JC/MD
 Sample : M3644-05RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANKRE

Quant Time: Sep 04 03:13:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.665	128	79289	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	415938	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.749	117	352878	30.000	ug/l	# 0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	160225	34.085	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	113.633%#
60) 4-Bromofluorobenzene	12.734	95	132894	26.594	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.633%
63) Toluene-d8	10.443	98	496161	31.573	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.233%

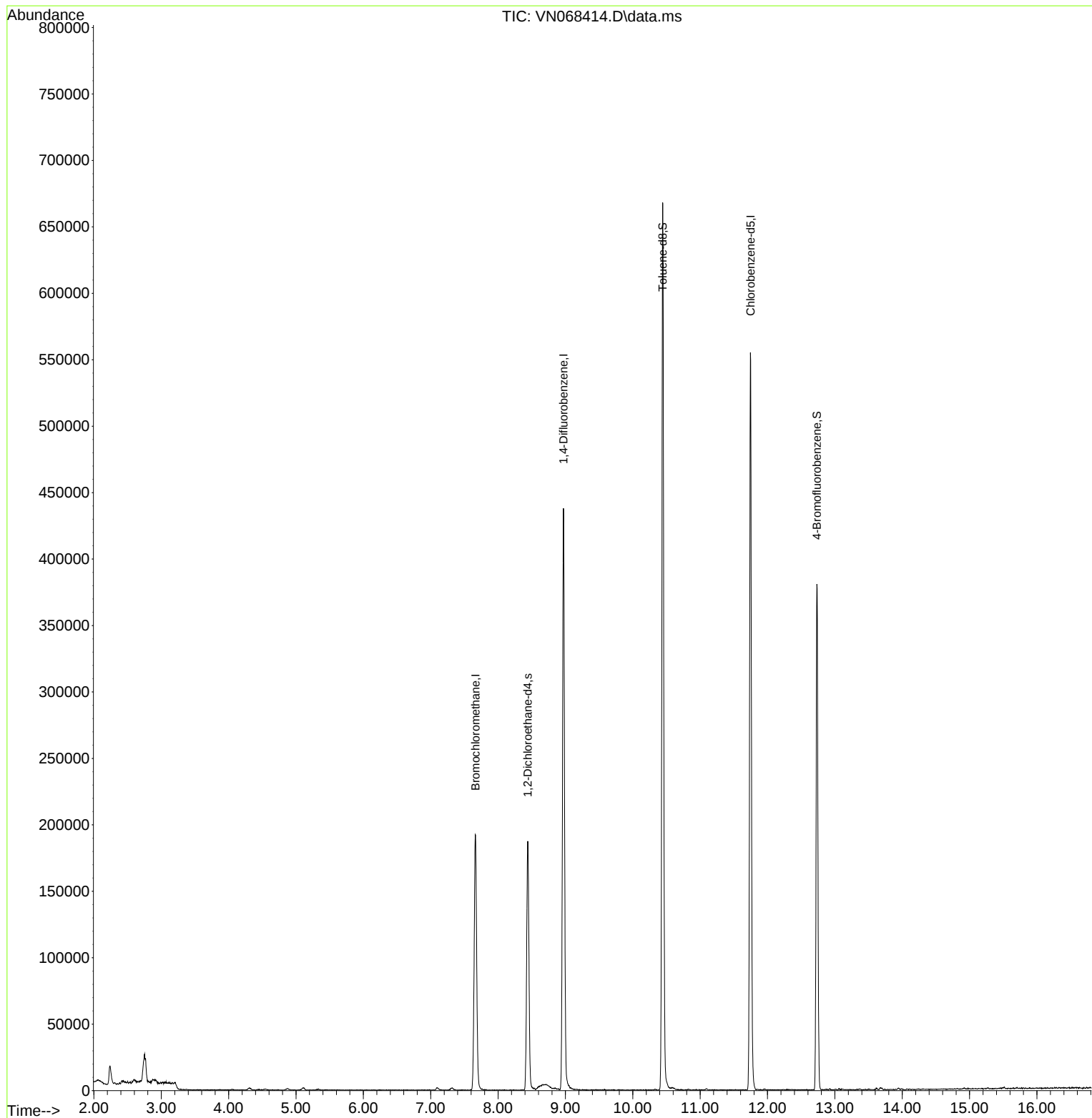
Target Compounds	Qvalue

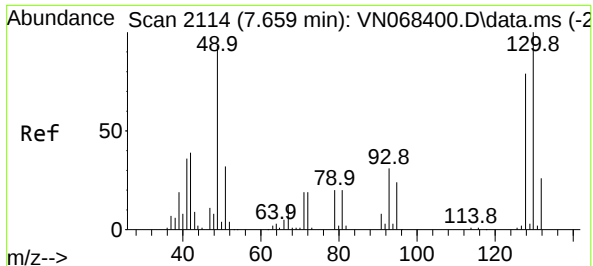
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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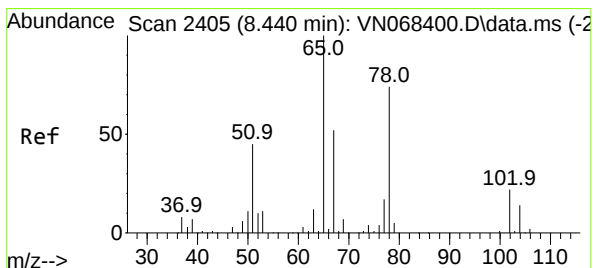
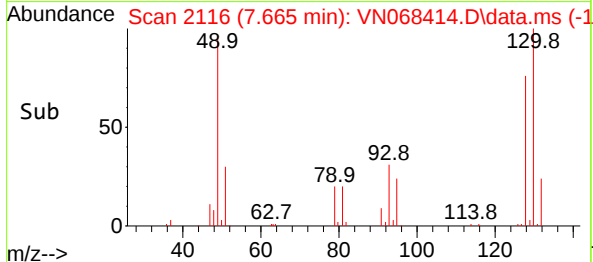
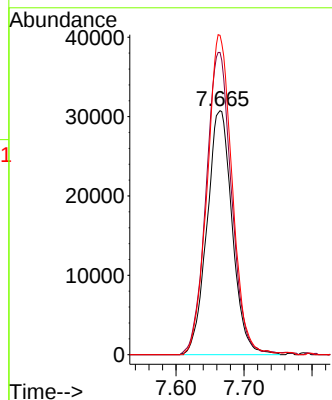
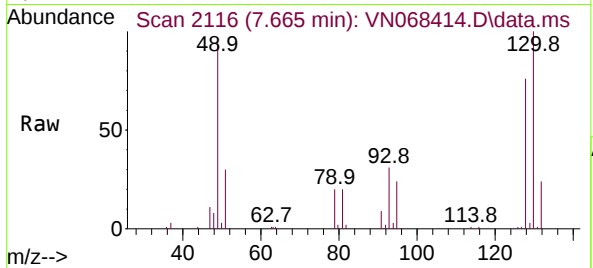




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VN068414.D
Acq: 3 Sep 2021 17:52

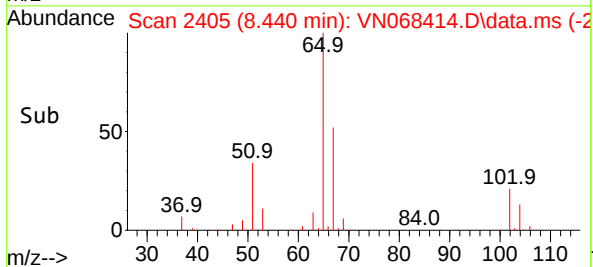
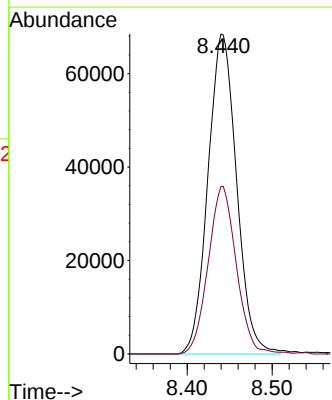
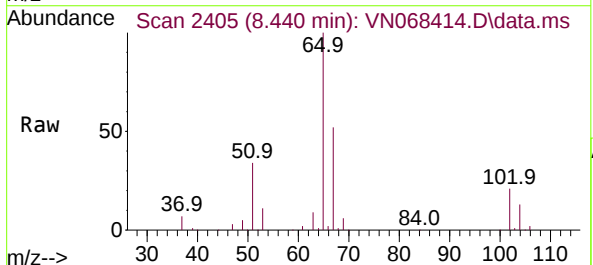
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANKRE

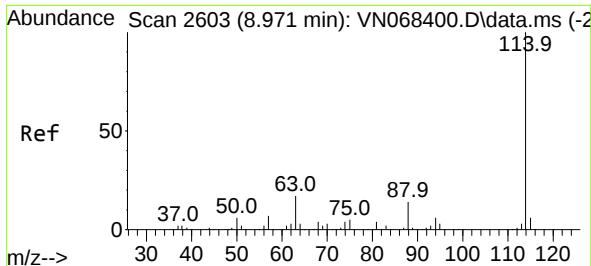
Tgt Ion:128 Resp: 79289
Ion Ratio Lower Upper
128 100
49 124.4 0.0 517.5
130 129.2 0.0 325.8



#27
1,2-Dichloroethane-d4
Concen: 34.085 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068414.D
Acq: 3 Sep 2021 17:52

Tgt Ion: 65 Resp: 160225
Ion Ratio Lower Upper
65 100
67 51.3 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: VN068414.D

Acq: 3 Sep 2021 17:52

Tgt Ion:114 Resp: 415938

Ion Ratio Lower Upper

114 100

63 17.2 20.3 30.5#

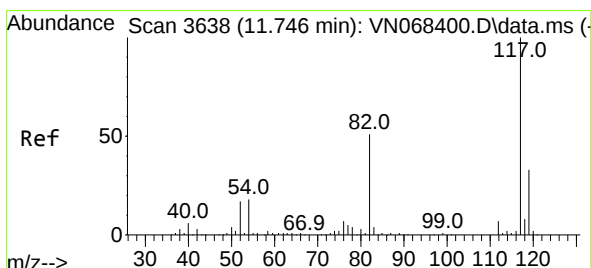
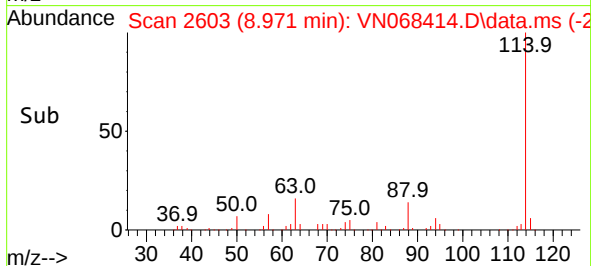
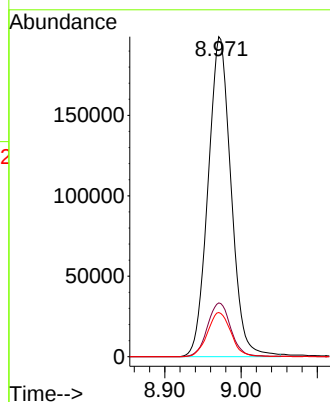
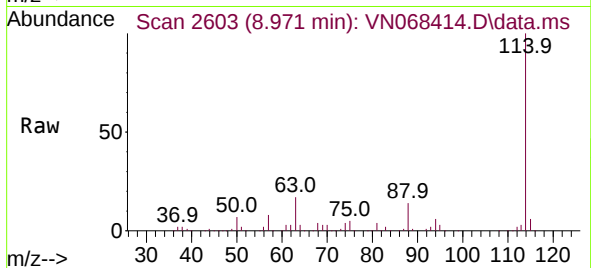
88 14.0 14.6 22.0#

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANKRE



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.749 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VN068414.D

Acq: 3 Sep 2021 17:52

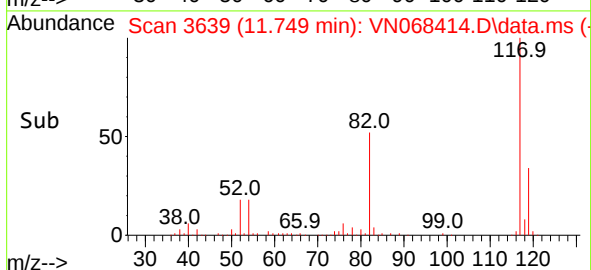
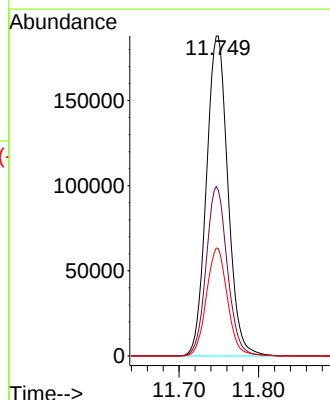
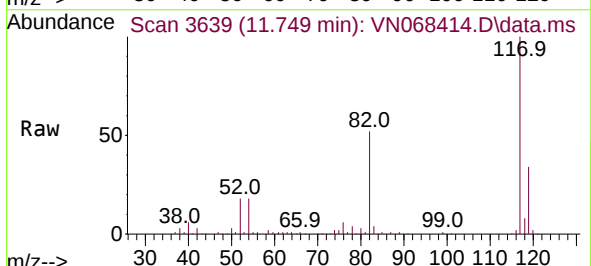
Tgt Ion:117 Resp: 352878

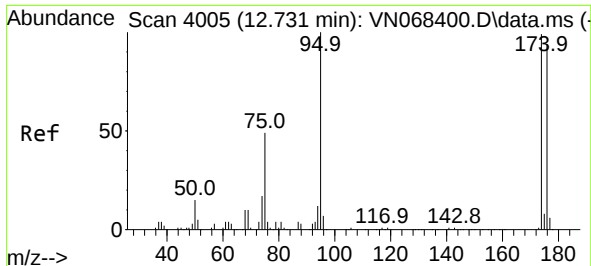
Ion Ratio Lower Upper

117 100

82 52.2 52.5 78.7#

119 33.0 25.8 38.8

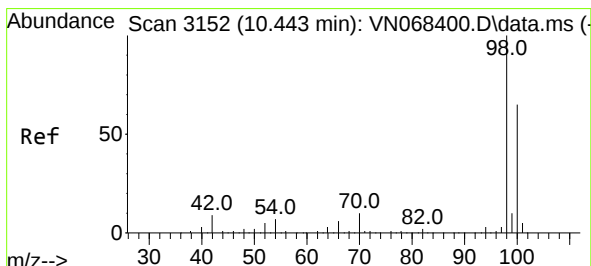
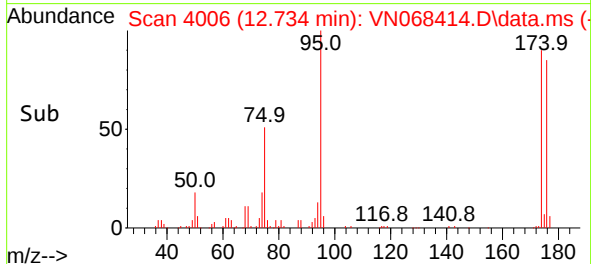
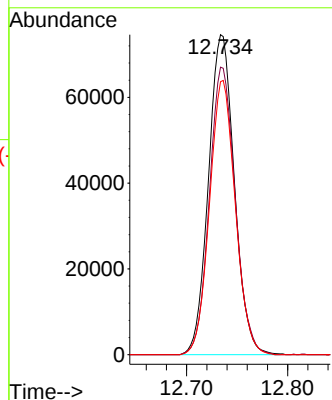
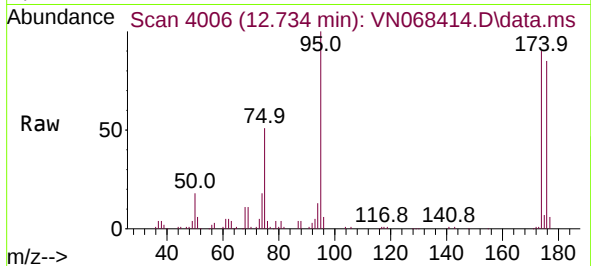




#60
4-Bromofluorobenzene
Concen: 26.594 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068414.D
Acq: 3 Sep 2021 17:52

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 132894
Ion Ratio Lower Upper
95 100
174 89.6 47.7 71.5#
176 85.3 45.7 68.5#



#63
Toluene-d8
Concen: 31.573 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068414.D
Acq: 3 Sep 2021 17:52

Tgt Ion: 98 Resp: 496161
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8

