

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069134.D
 Acq On : 22 Oct 2021 14:33
 Operator : JC/MD
 Sample : VN1022WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL01

Quant Time: Oct 23 07:54:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	52779	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	313270	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	269451	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	127222	30.947	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.167%
60) 4-Bromofluorobenzene	12.734	95	118687	25.689	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.633%
63) Toluene-d8	10.443	98	375336	30.831	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.767%

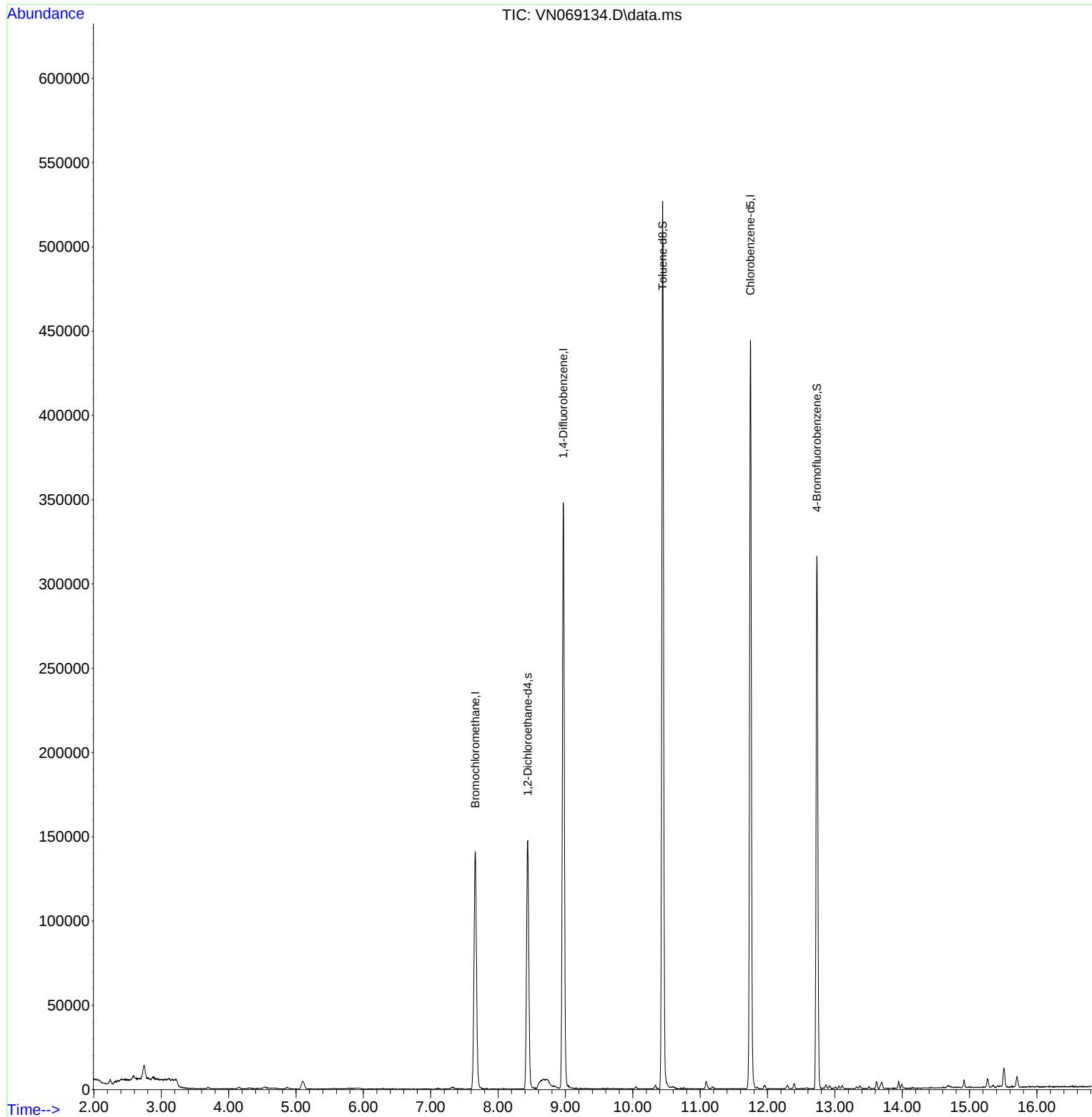
Target Compounds	Qvalue

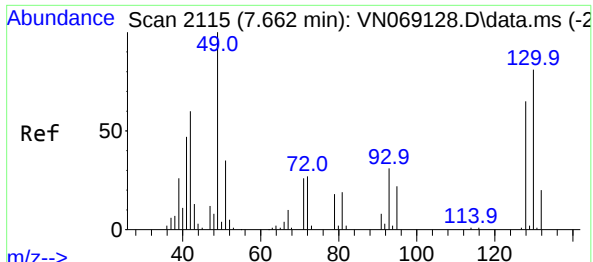
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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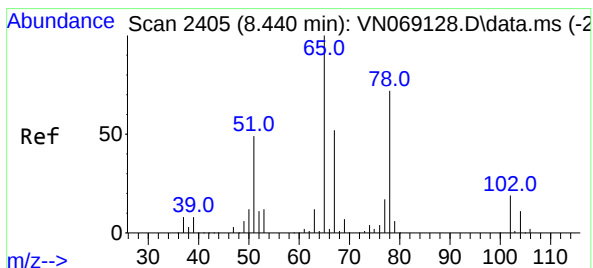
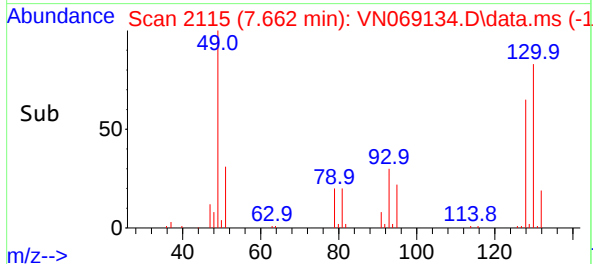
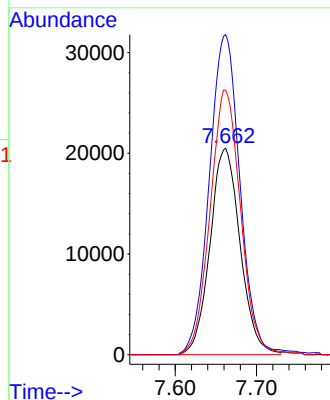
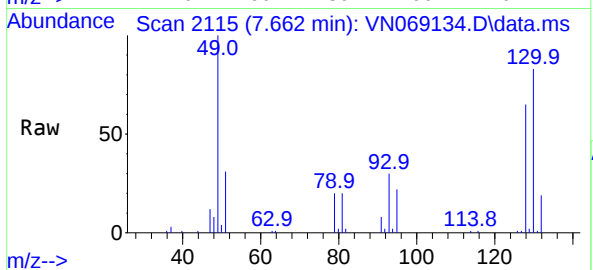




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VN069134.D
Acq: 22 Oct 2021 14:33

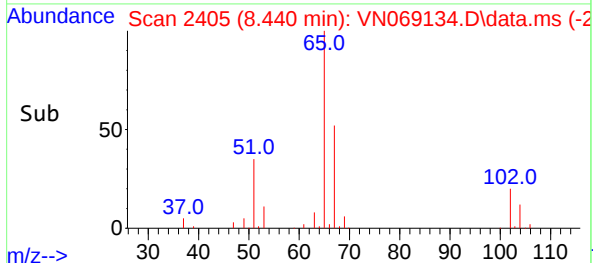
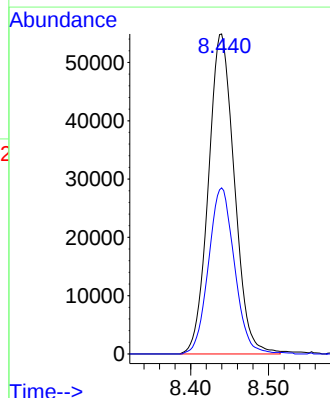
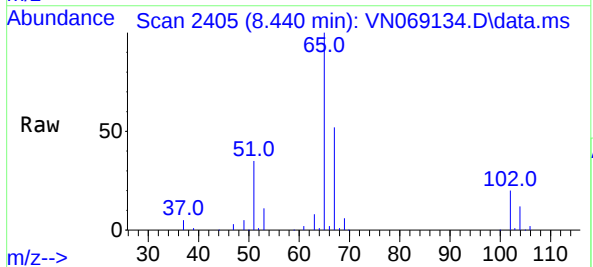
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

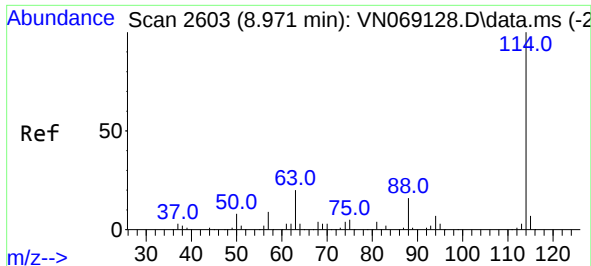
Tgt Ion:128 Resp: 52779
Ion Ratio Lower Upper
128 100
49 157.2 0.0 392.3
130 129.7 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 30.947 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069134.D
Acq: 22 Oct 2021 14:33

Tgt Ion: 65 Resp: 127222
Ion Ratio Lower Upper
65 100
67 51.8 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.002 min

Lab File: VN069134.D

Acq: 22 Oct 2021 14:33

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL01

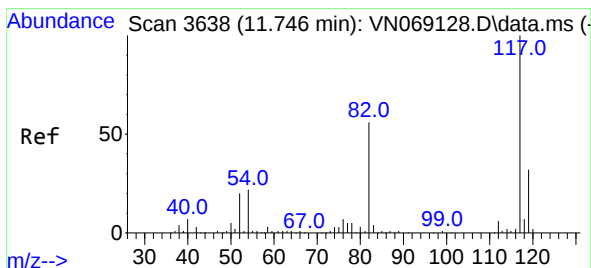
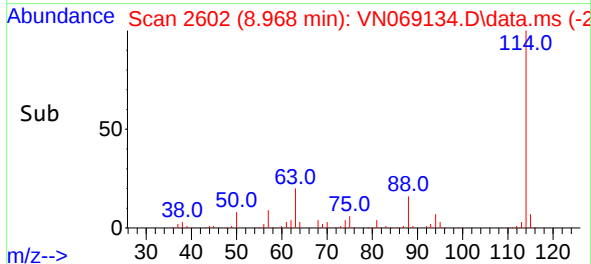
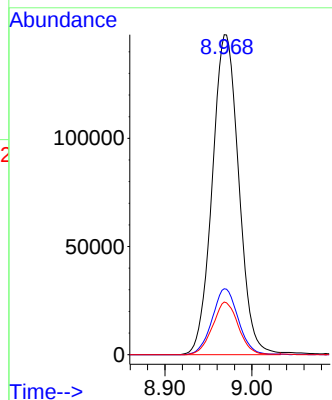
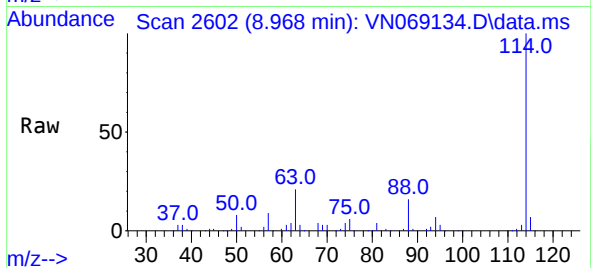
Tgt Ion:114 Resp: 313270

Ion Ratio Lower Upper

114 100

63 20.3 15.8 23.6

88 16.0 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VN069134.D

Acq: 22 Oct 2021 14:33

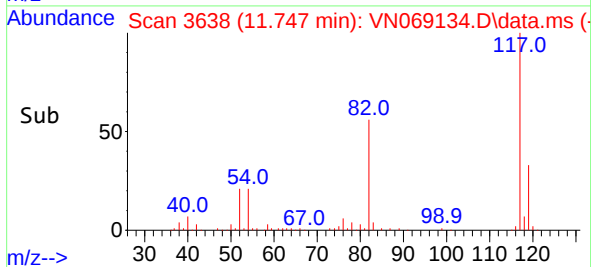
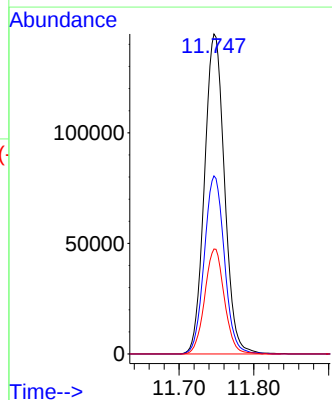
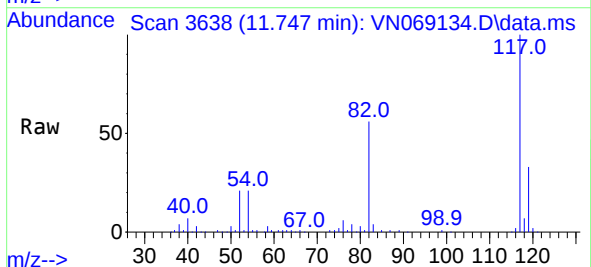
Tgt Ion:117 Resp: 269451

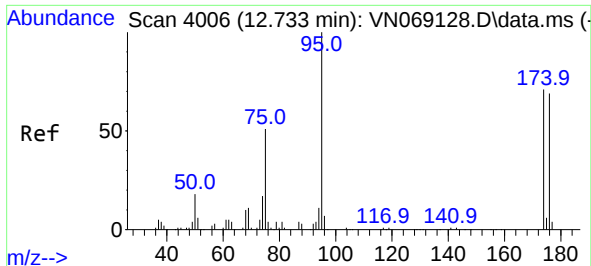
Ion Ratio Lower Upper

117 100

82 55.9 43.6 65.4

119 32.2 25.8 38.6

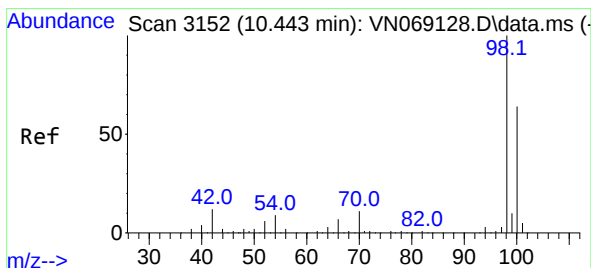
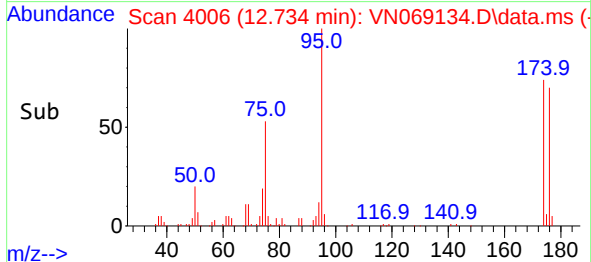
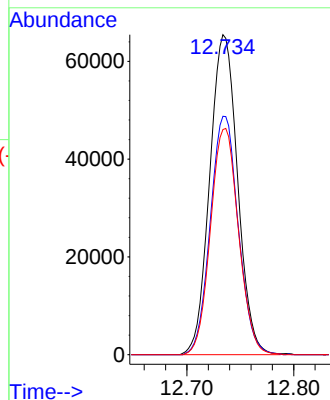
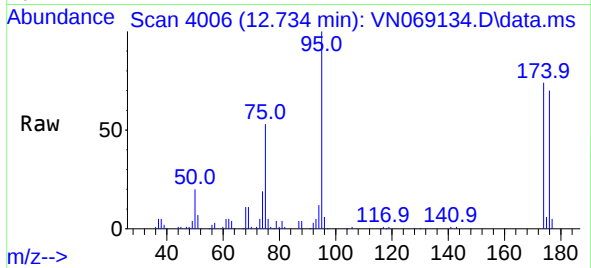




#60
4-Bromofluorobenzene
Concen: 25.689 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069134.D
Acq: 22 Oct 2021 14:33

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL01

Tgt Ion: 95 Resp: 118687
Ion Ratio Lower Upper
95 100
174 74.8 62.9 94.3
176 71.2 61.0 91.4



#63
Toluene-d8
Concen: 30.831 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069134.D
Acq: 22 Oct 2021 14:33

Tgt Ion: 98 Resp: 375336
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0

