

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072221\
 Data File : VN067857.D
 Acq On : 22 Jul 2021 12:40
 Operator : JC/MD
 Sample : VN0722WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBL01

Quant Time: Jul 24 07:12:30 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	52772	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	303969	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	271988	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	139064	32.618	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.733%
60) 4-Bromofluorobenzene	12.736	95	113636	25.726	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.767%
63) Toluene-d8	10.443	98	377159	30.149	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.500%

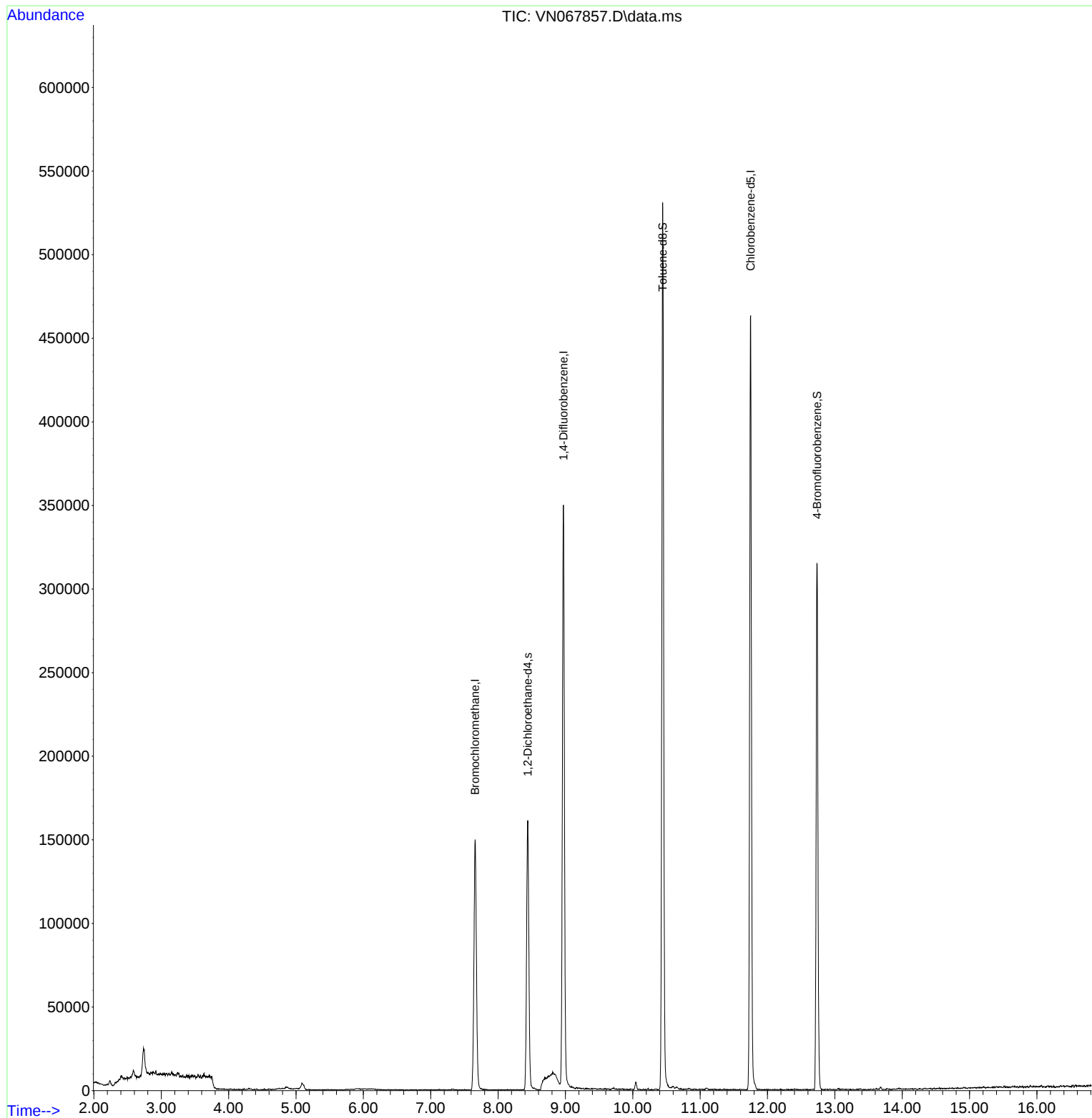
Target Compounds	Qvalue

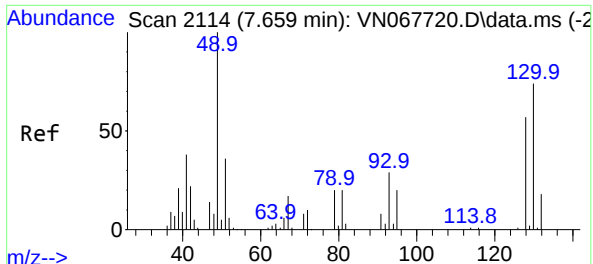
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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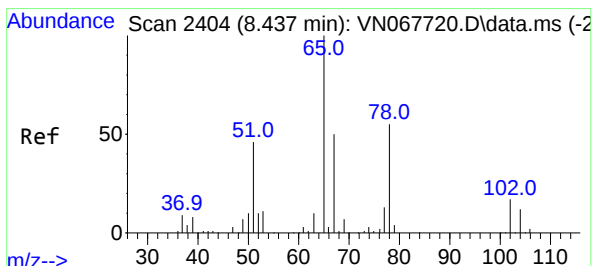
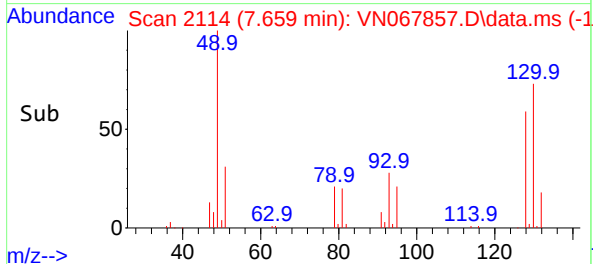
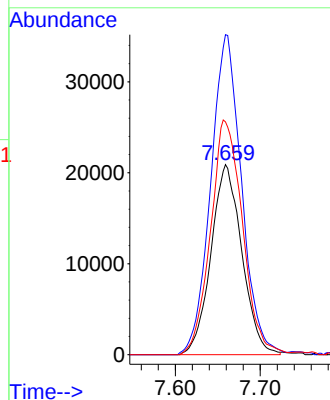
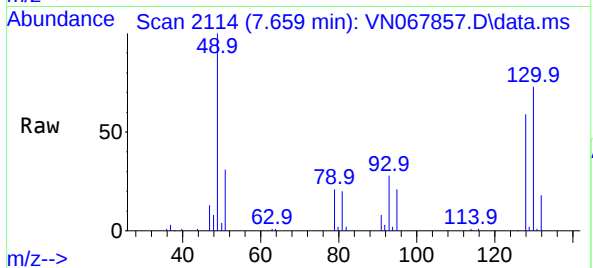




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN067857.D
Acq: 22 Jul 2021 12:40

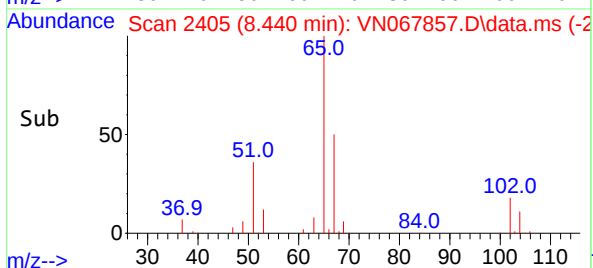
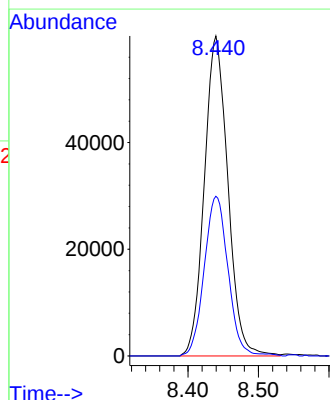
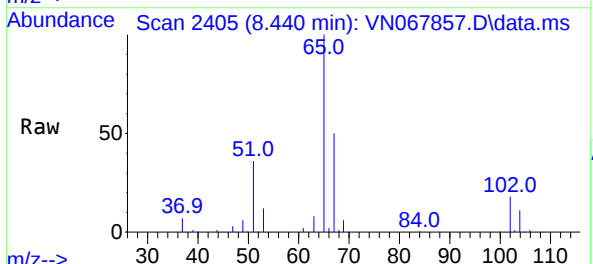
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBL01

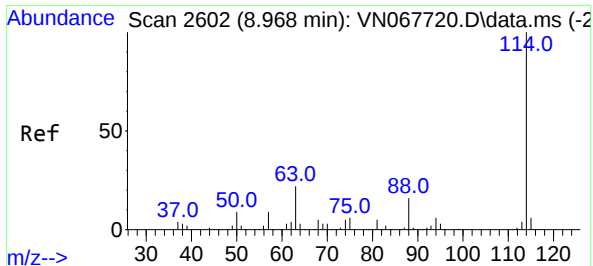
Tgt Ion:128 Resp: 52772
Ion Ratio Lower Upper
128 100
49 167.9 0.0 433.0
130 127.9 0.0 323.8



#27
1,2-Dichloroethane-d4
Concen: 32.618 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.002 min
Lab File: VN067857.D
Acq: 22 Jul 2021 12:40

Tgt Ion: 65 Resp: 139064
Ion Ratio Lower Upper
65 100
67 50.2 40.6 60.8

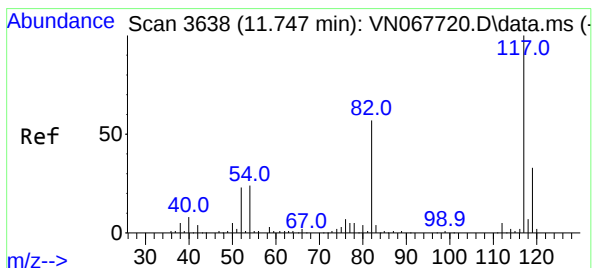
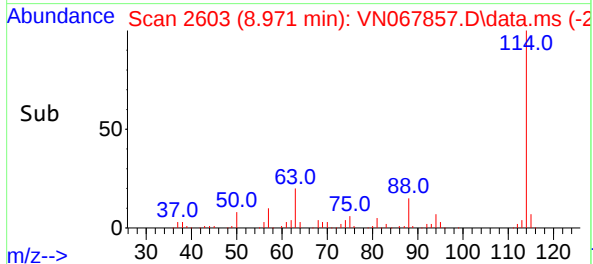
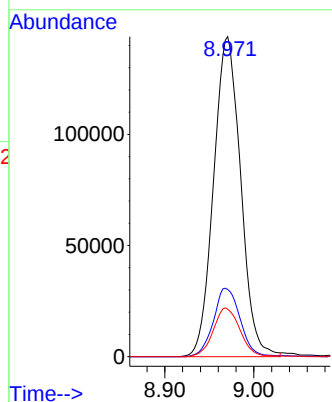
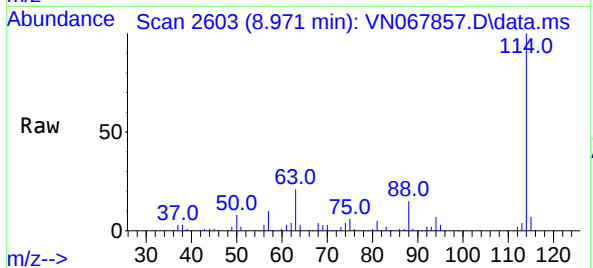




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.002 min
Lab File: VN067857.D
Acq: 22 Jul 2021 12:40

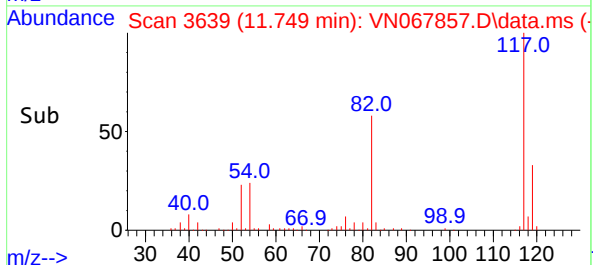
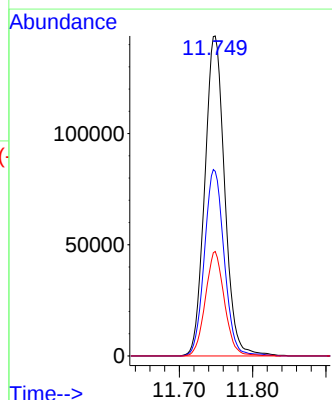
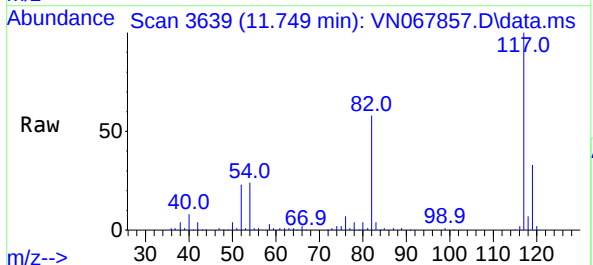
Instrument :
MSVOA_N
ClientSampleId :
VN0722WBL01

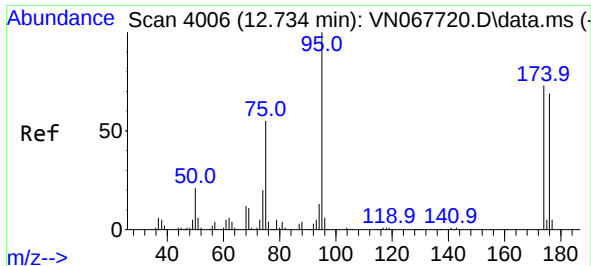
Tgt Ion:114 Resp: 303969
Ion Ratio Lower Upper
114 100
63 21.2 17.2 25.8
88 15.1 12.4 18.6



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN067857.D
Acq: 22 Jul 2021 12:40

Tgt Ion:117 Resp: 271988
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 31.3 25.7 38.5

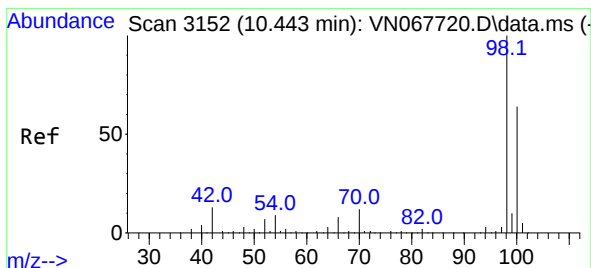
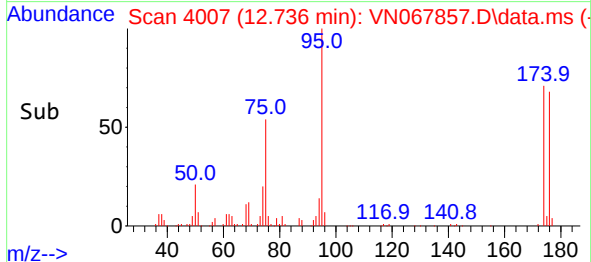
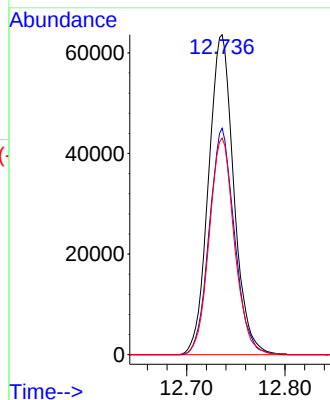
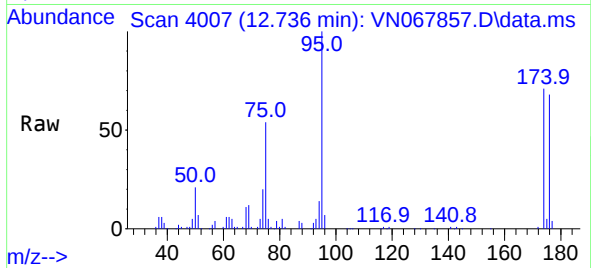




#60
4-Bromofluorobenzene
Concen: 25.726 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN067857.D
Acq: 22 Jul 2021 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBL01

Tgt Ion: 95 Resp: 113636
Ion Ratio Lower Upper
95 100
174 70.7 57.1 85.7
176 67.5 54.6 81.8



#63
Toluene-d8
Concen: 30.149 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067857.D
Acq: 22 Jul 2021 12:40

Tgt Ion: 98 Resp: 377159
Ion Ratio Lower Upper
98 100
100 63.1 51.0 76.4

