

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
 Data File : VN068727.D
 Acq On : 28 Sep 2021 18:48
 Operator : JC/MD
 Sample : VN0928WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBL01

Quant Time: Sep 29 05:17:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 05:13:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	73706	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	413066	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	365782	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	179980	31.679	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.600%
60) 4-Bromofluorobenzene	12.736	95	130460	22.831	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	76.100%
63) Toluene-d8	10.443	98	516563	31.244	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.133%

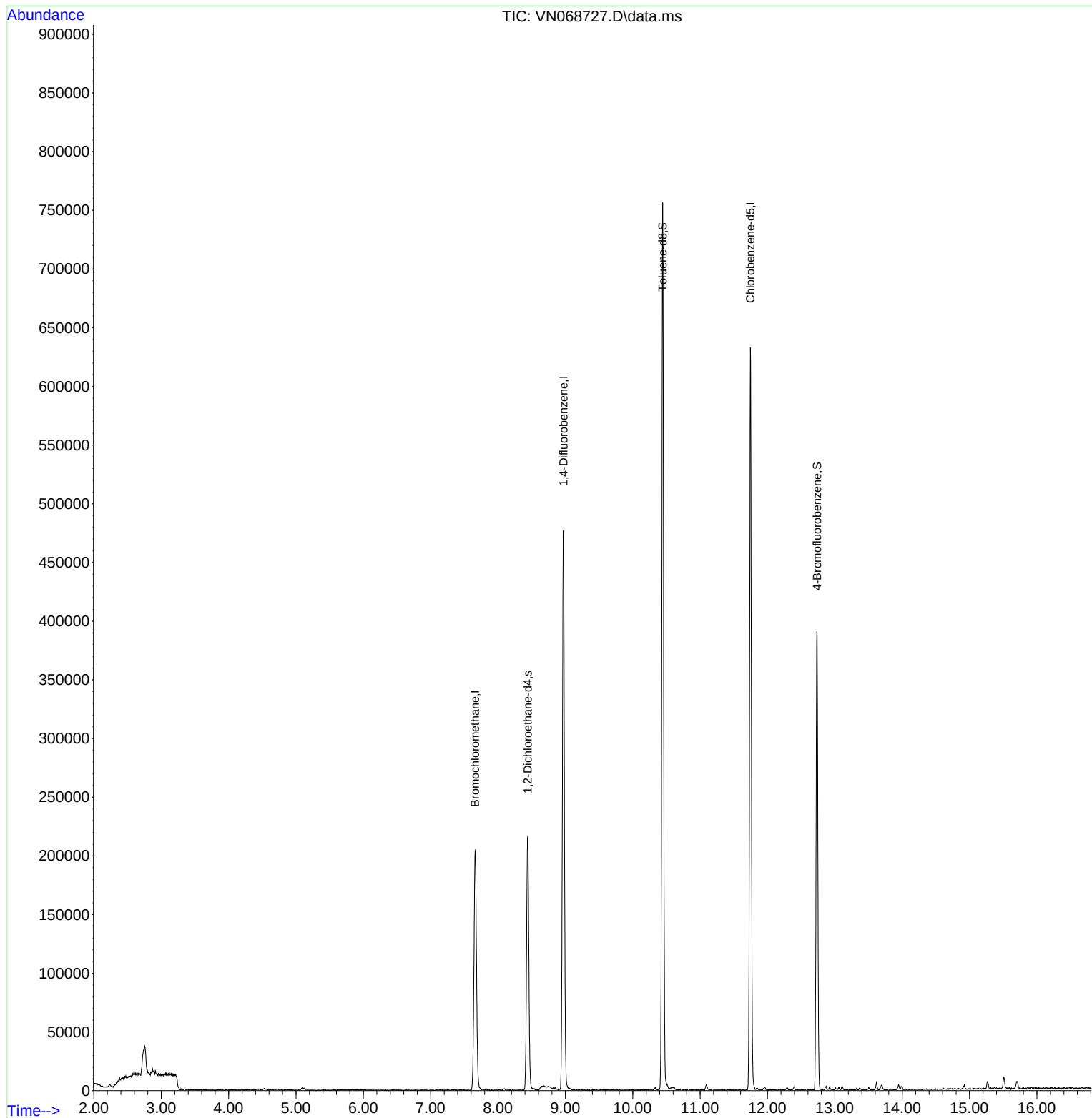
Target Compounds	Qvalue

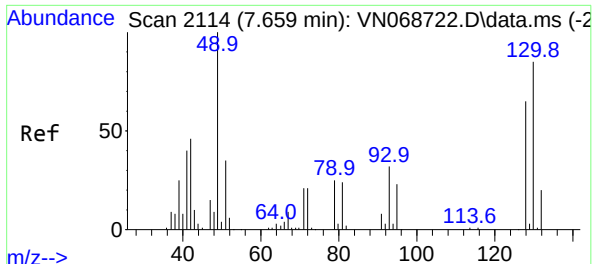
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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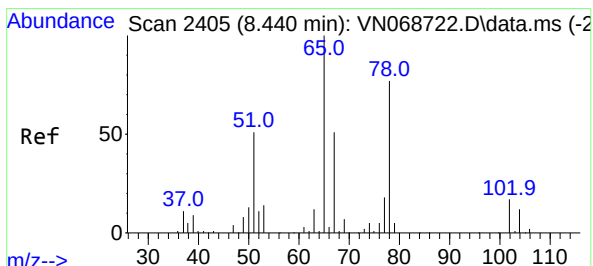
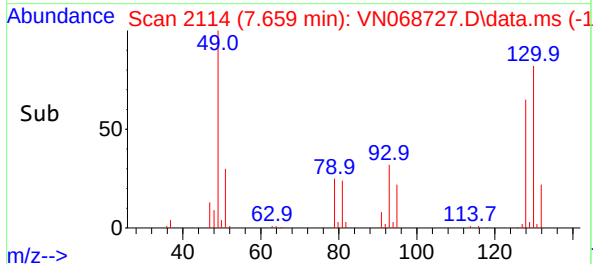
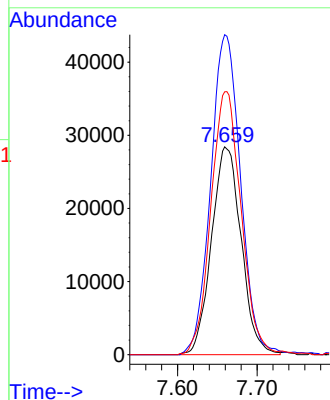
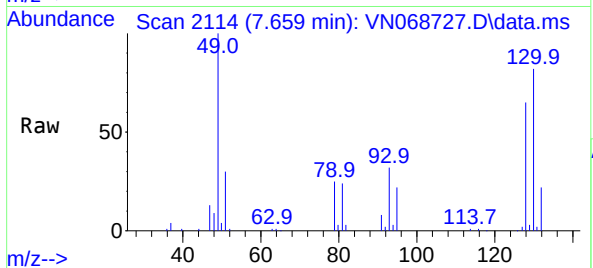




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068727.D
Acq: 28 Sep 2021 18:48

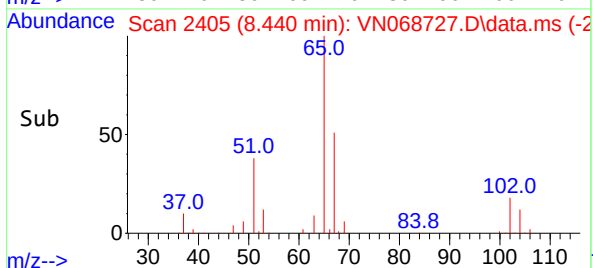
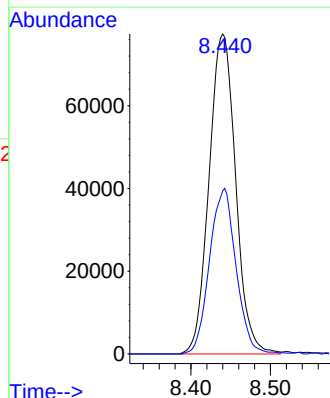
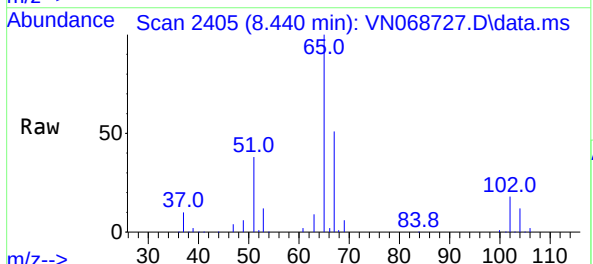
Instrument :
MSVOA_N
ClientSampled :
VN0928WBL01

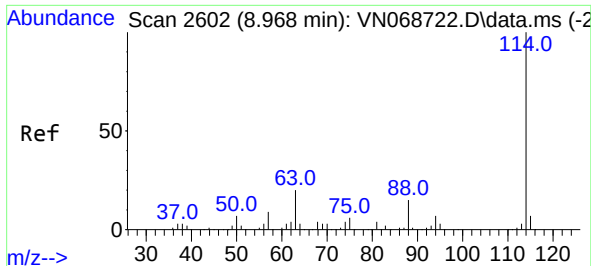
Tgt Ion:128 Resp: 73706
Ion Ratio Lower Upper
128 100
49 155.1 0.0 392.3
130 128.8 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.679 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068727.D
Acq: 28 Sep 2021 18:48

Tgt Ion: 65 Resp: 179980
Ion Ratio Lower Upper
65 100
67 51.3 40.2 60.2



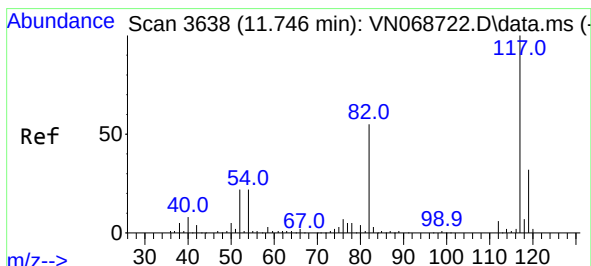
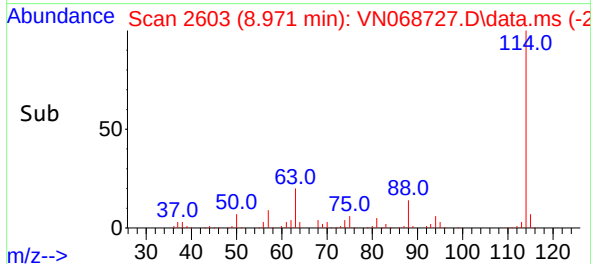
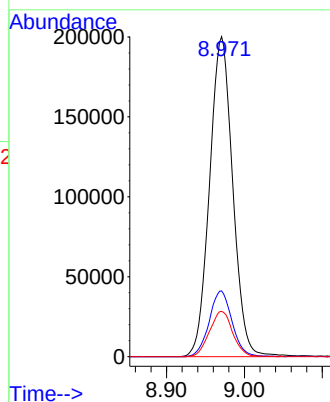
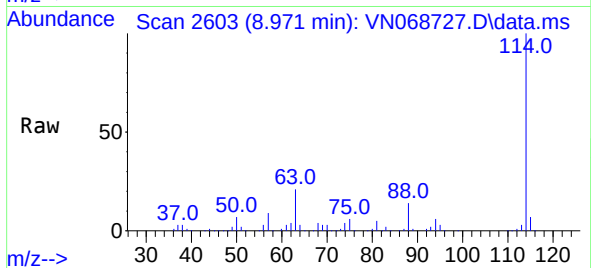


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068727.D
Acq: 28 Sep 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01

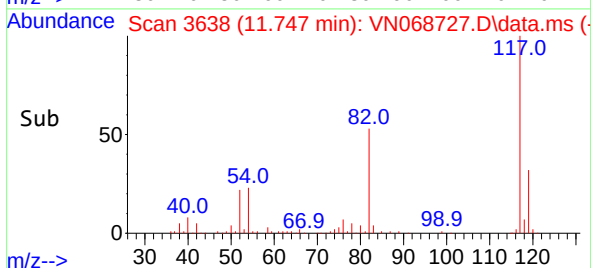
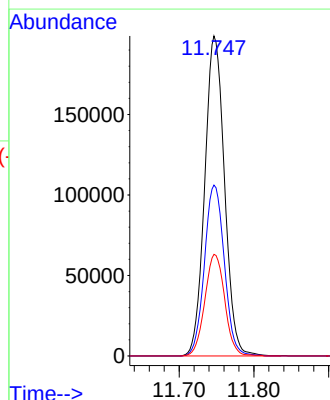
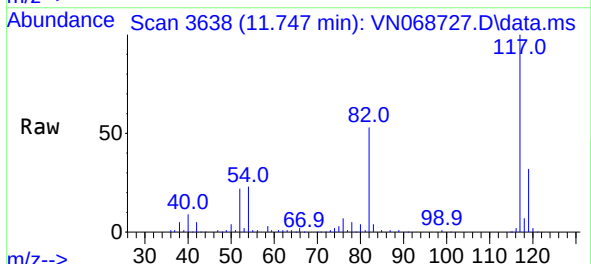
Tgt Ion:114 Resp: 413066
Ion Ratio Lower Upper
114 100
63 20.4 15.8 23.6
88 14.2 11.6 17.4

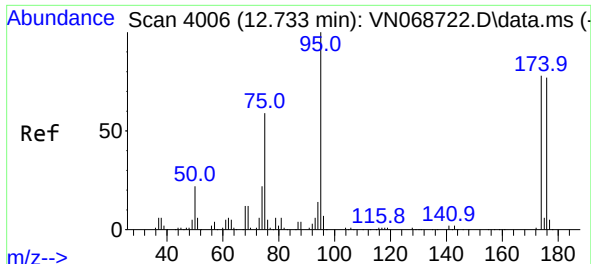


#57

Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068727.D
Acq: 28 Sep 2021 18:48

Tgt Ion:117 Resp: 365782
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 32.0 25.8 38.6

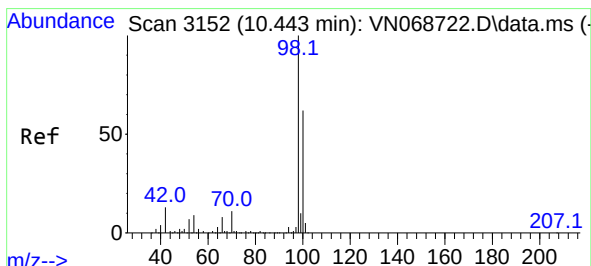
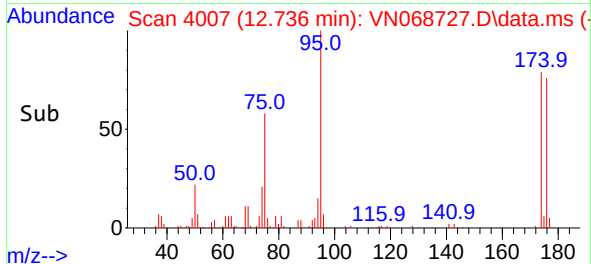
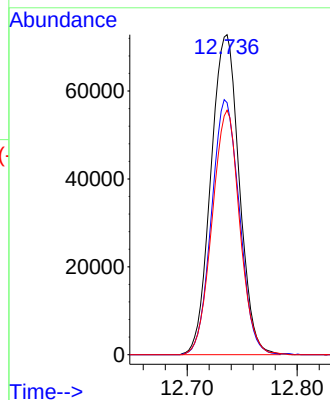
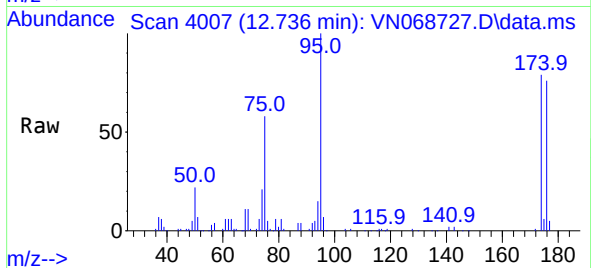




#60
4-Bromofluorobenzene
Concen: 22.831 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068727.D
Acq: 28 Sep 2021 18:48

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBL01

Tgt Ion: 95 Resp: 130460
Ion Ratio Lower Upper
95 100
174 78.3 62.9 94.3
176 74.4 61.0 91.4



#63
Toluene-d8
Concen: 31.244 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068727.D
Acq: 28 Sep 2021 18:48

Tgt Ion: 98 Resp: 516563
Ion Ratio Lower Upper
98 100
100 62.6 50.6 76.0

