

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068465.D
 Acq On : 13 Sep 2021 18:43
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 14 04:29:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.665	128	85250	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	431738	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	376470	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	163336	32.443	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.133%	
60) 4-Bromofluorobenzene	12.736	95	134934	25.146	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 83.833%	
63) Toluene-d8	10.446	98	516815	31.556	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 105.200%	

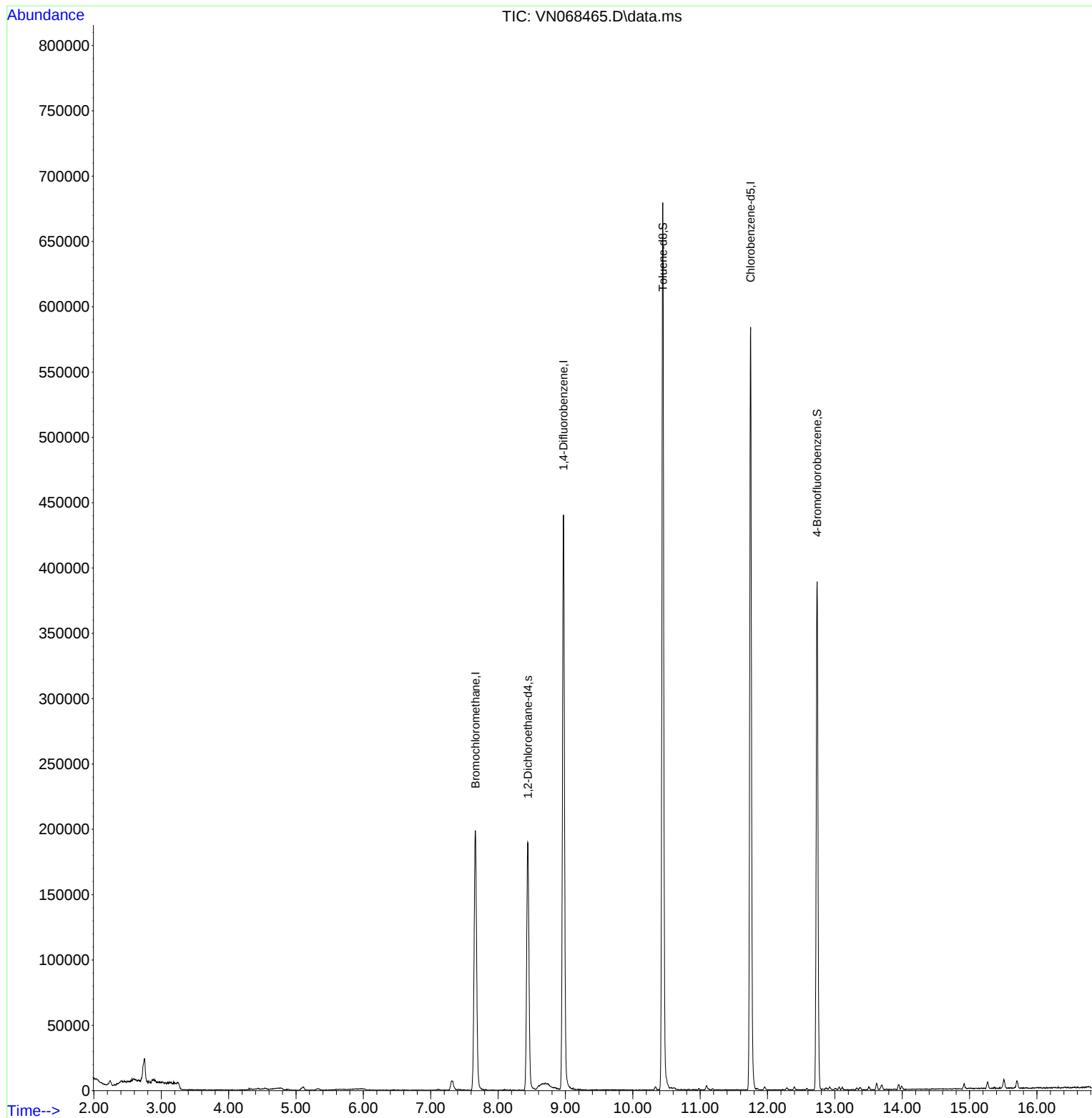
Target Compounds	Qvalue

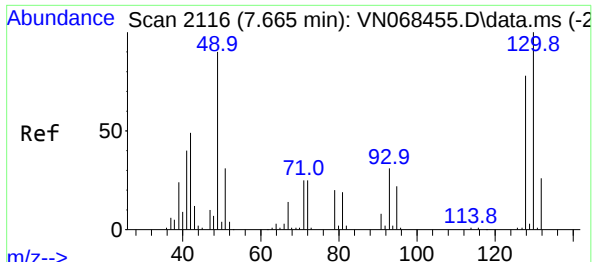
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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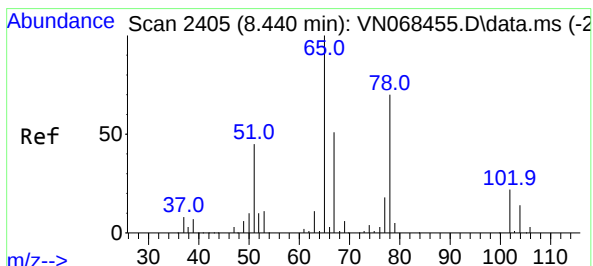
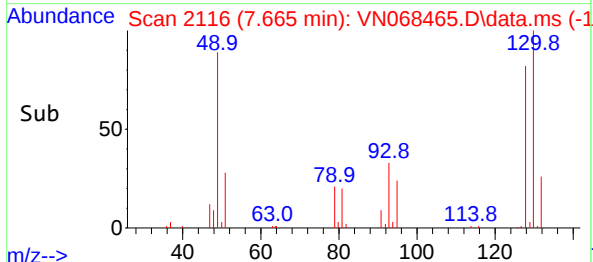
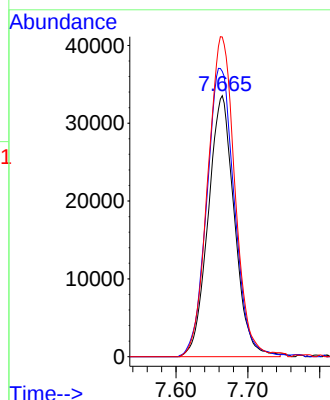
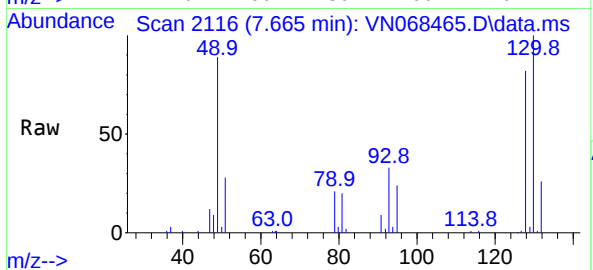




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VN068465.D
Acq: 13 Sep 2021 18:43

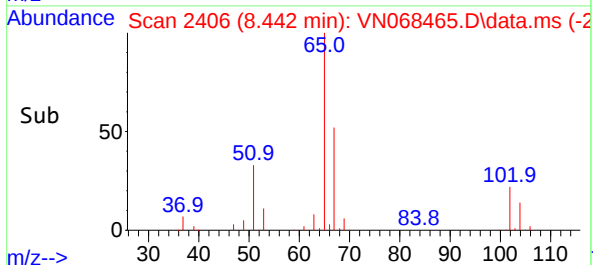
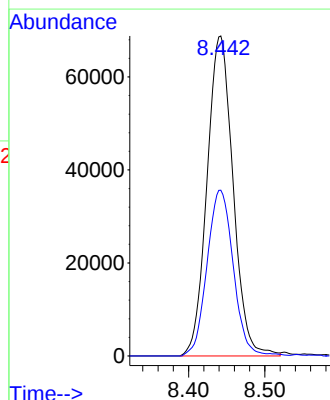
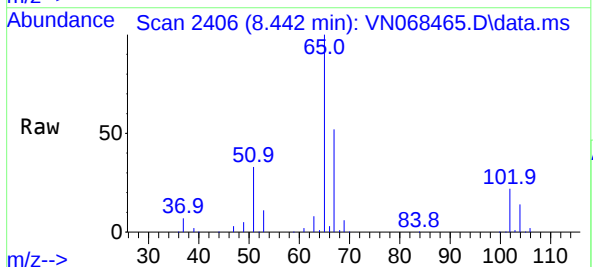
Instrument :
MSVOA_N
ClientSampleId :
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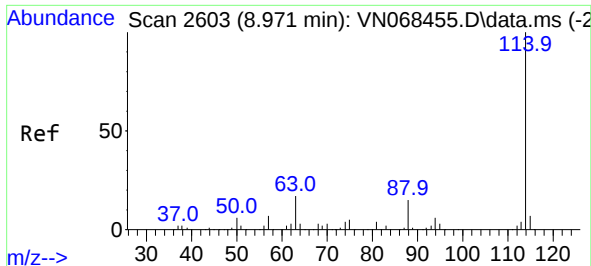
Tgt Ion:128 Resp: 85250
Ion Ratio Lower Upper
128 100
49 116.1 0.0 292.5
130 125.6 0.0 325.0



#27
1,2-Dichloroethane-d4
Concen: 32.443 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN068465.D
Acq: 13 Sep 2021 18:43

Tgt Ion: 65 Resp: 163336
Ion Ratio Lower Upper
65 100
67 51.8 41.8 62.8

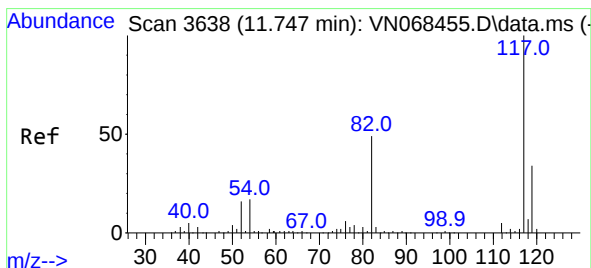
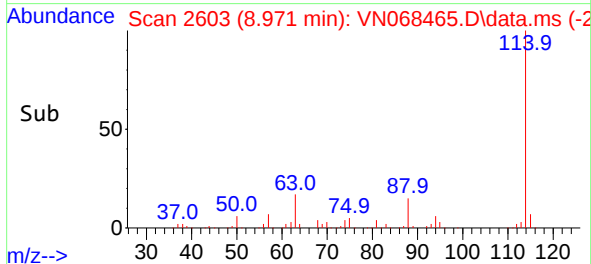
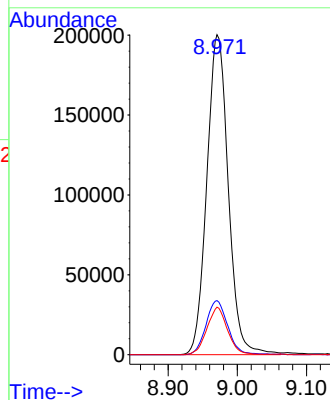
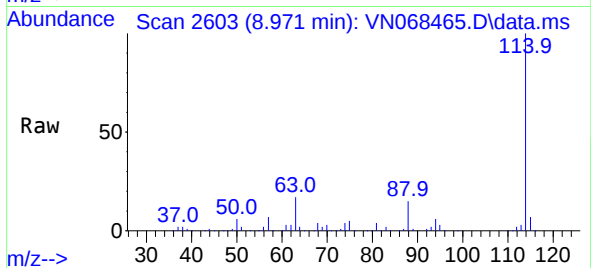




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN068465.D
Acq: 13 Sep 2021 18:43

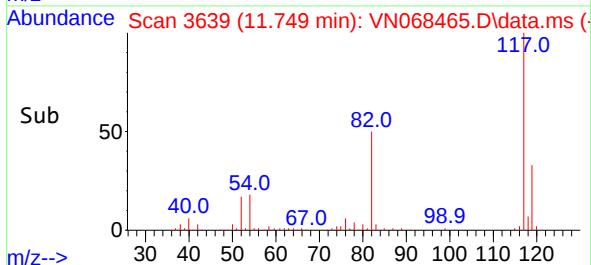
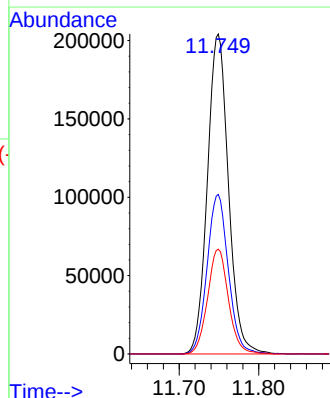
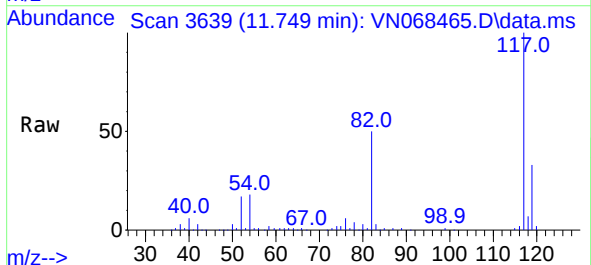
Instrument :
MSVOA_N
ClientSampleId :
IBLK

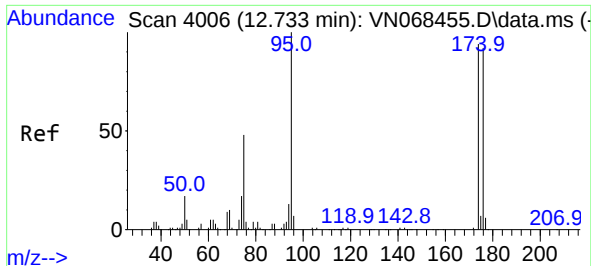
Tgt Ion:114 Resp: 431738
Ion Ratio Lower Upper
114 100
63 17.1 13.4 20.0
88 14.3 11.1 16.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068465.D
Acq: 13 Sep 2021 18:43

Tgt Ion:117 Resp: 376470
Ion Ratio Lower Upper
117 100
82 50.3 39.4 59.0
119 32.4 26.2 39.2



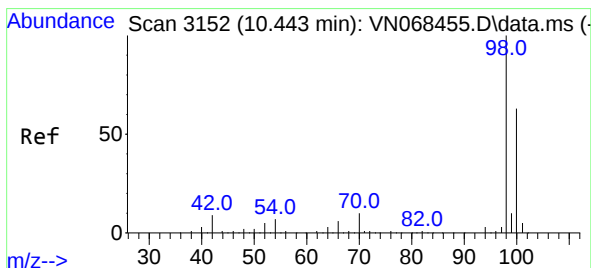
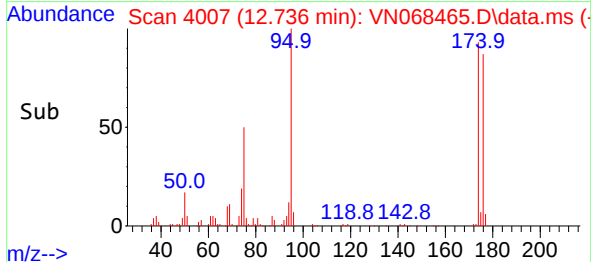
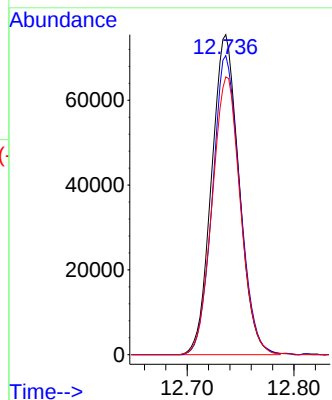
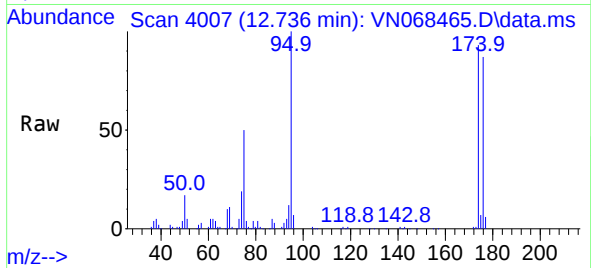


#60
 4-Bromofluorobenzene
 Concen: 25.146 ug/l
 RT: 12.736 min Scan# 4006
 Delta R.T. 0.003 min
 Lab File: VN068465.D
 Acq: 13 Sep 2021 18:43

Instrument :
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Tgt Ion: 95 Resp: 134934

Ion	Ratio	Lower	Upper
95	100		
174	93.3	78.0	117.0
176	88.8	76.4	114.6



#63
 Toluene-d8
 Concen: 31.556 ug/l
 RT: 10.446 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VN068465.D
 Acq: 13 Sep 2021 18:43

Tgt Ion: 98 Resp: 516815

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.9	76.3

