

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070032.D
 Acq On : 13 Dec 2021 15:00
 Operator : JC/MD
 Sample : VN1213WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213WBL01

Quant Time: Dec 14 05:26:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	180043	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	985412	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.746	117	854466	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	491674	30.815	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.733%	
60) 4-Bromofluorobenzene	12.733	95	352828	25.094	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 83.633%	
63) Toluene-d8	10.440	98	1199952	30.389	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.300%	

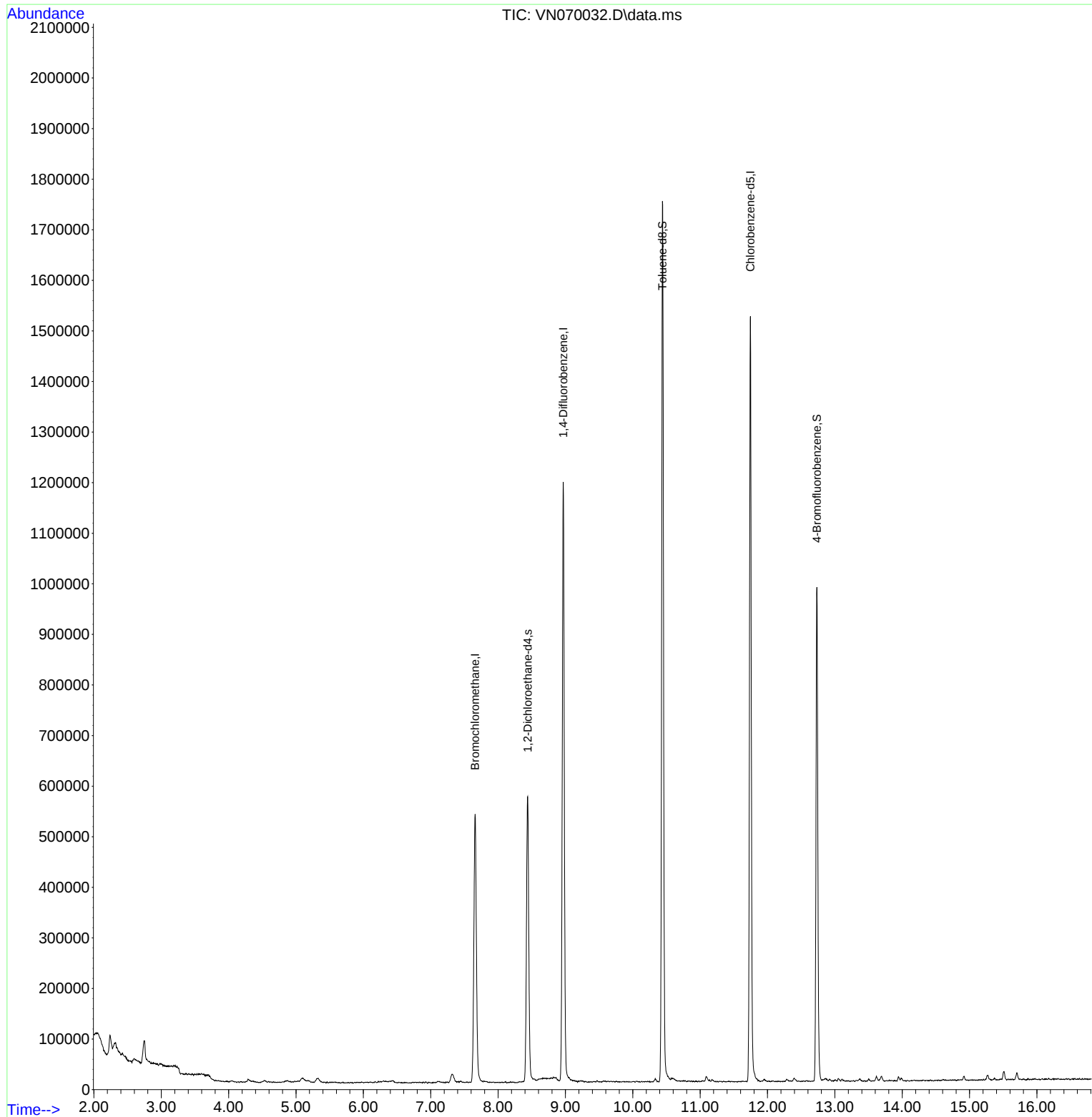
Target Compounds	Qvalue

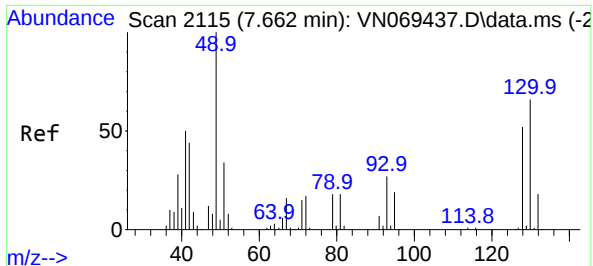
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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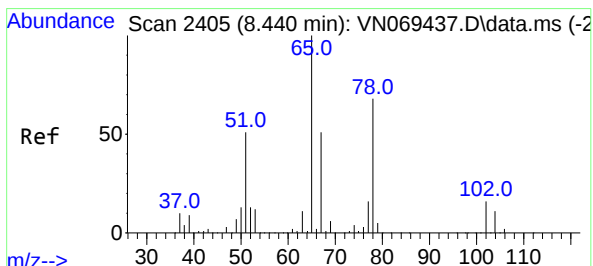
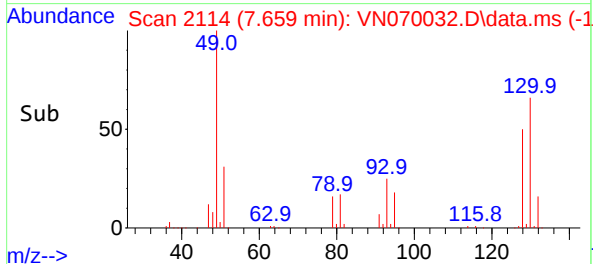
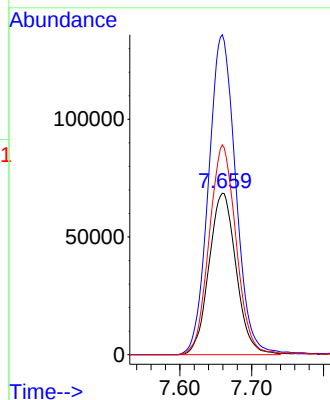
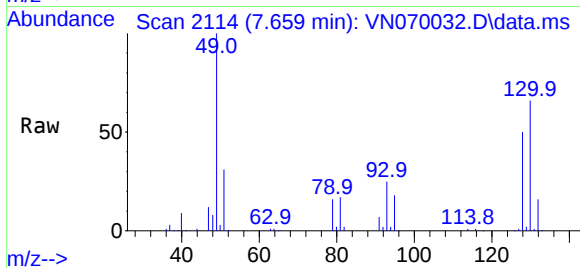




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. 0.002 min
Lab File: VN070032.D
Acq: 13 Dec 2021 15:00

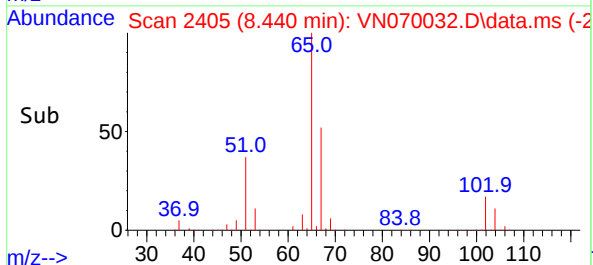
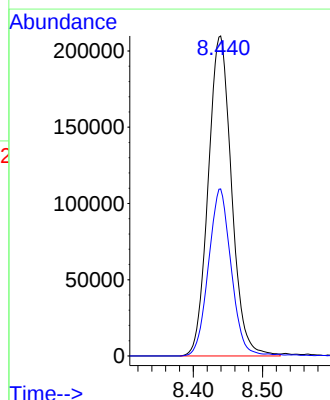
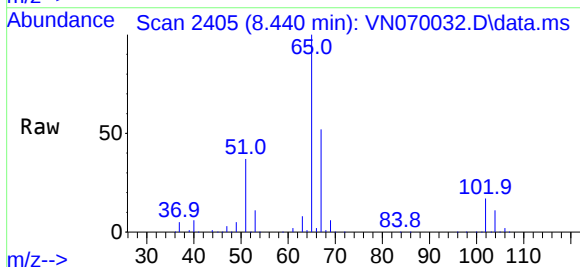
Instrument :
MSVOA_N
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VN1213WBL01

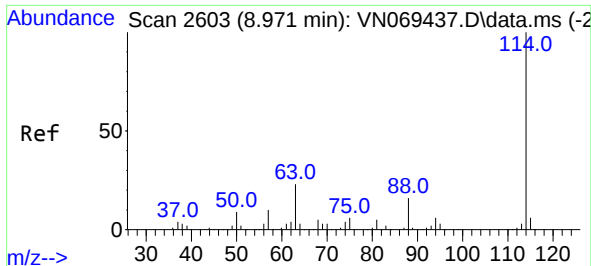
Tgt Ion:128 Resp: 180043
Ion Ratio Lower Upper
128 100
49 198.3 0.0 392.3
130 128.6 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 30.815 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN070032.D
Acq: 13 Dec 2021 15:00

Tgt Ion: 65 Resp: 491674
Ion Ratio Lower Upper
65 100
67 50.4 40.2 60.2

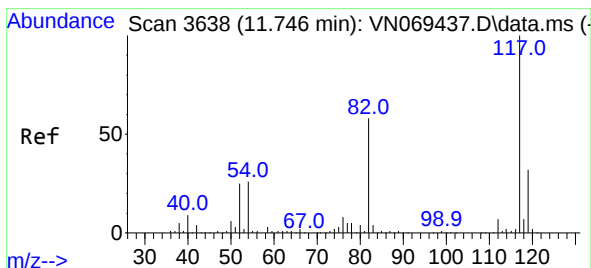
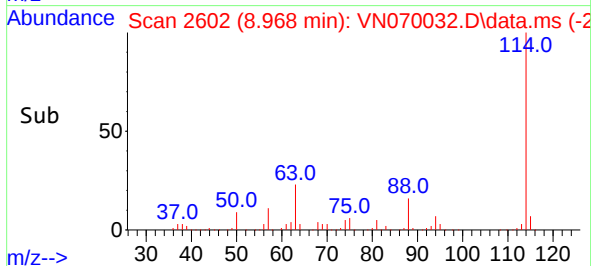
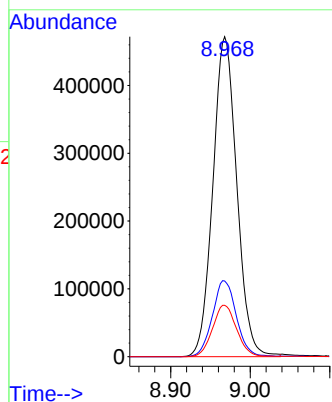
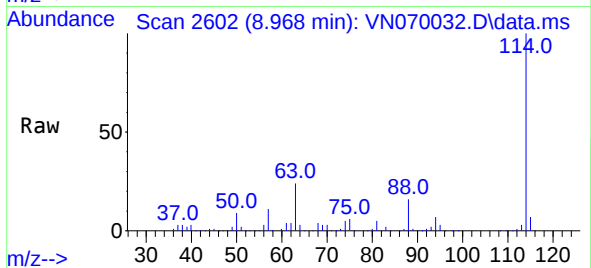




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070032.D
Acq: 13 Dec 2021 15:00

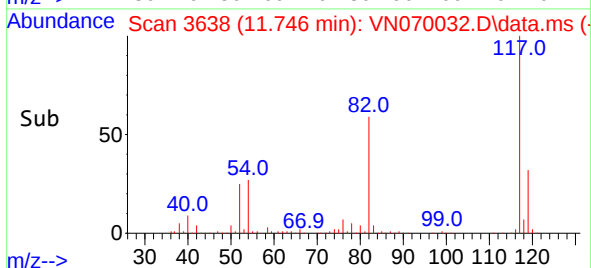
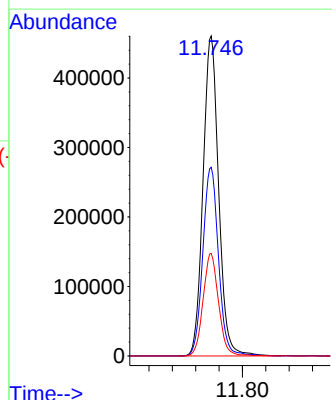
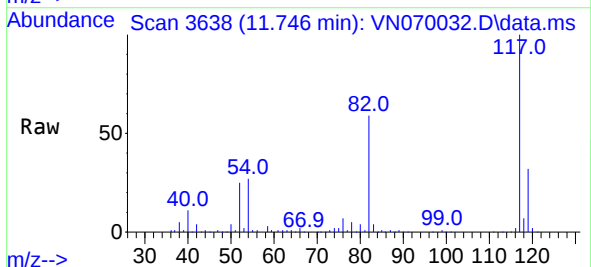
Instrument :
MSVOA_N
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VN1213WBL01

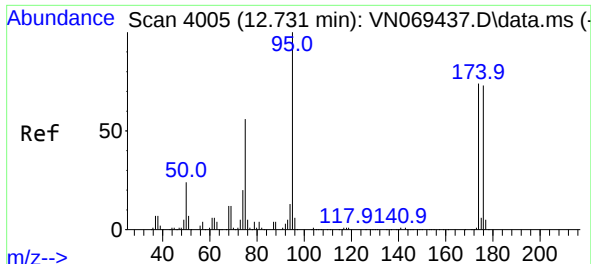
Tgt Ion:114 Resp: 985412
Ion Ratio Lower Upper
114 100
63 23.9 15.8 23.6#
88 16.2 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070032.D
Acq: 13 Dec 2021 15:00

Tgt Ion:117 Resp: 854466
Ion Ratio Lower Upper
117 100
82 59.3 43.6 65.4
119 31.5 25.8 38.6

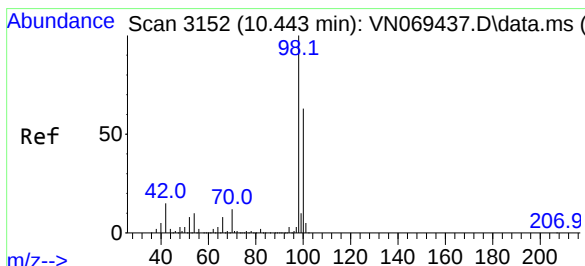
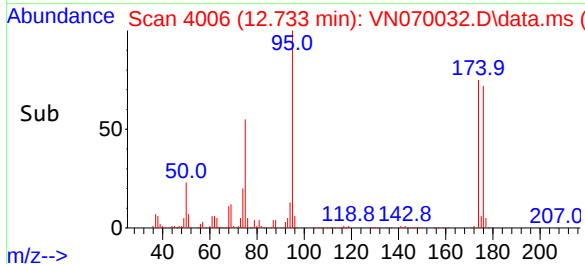
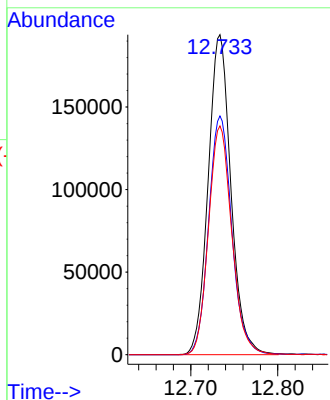
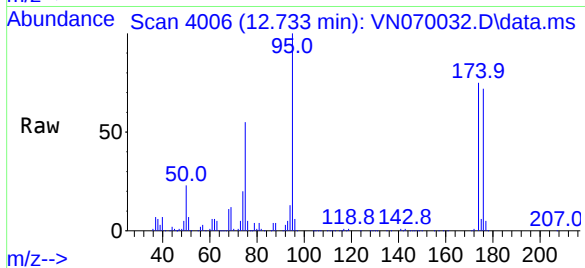




#60
4-Bromofluorobenzene
Concen: 25.094 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070032.D
Acq: 13 Dec 2021 15:00

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 95 Resp: 352828
Ion Ratio Lower Upper
95 100
174 75.9 62.9 94.3
176 73.0 61.0 91.4



#63
Toluene-d8
Concen: 30.389 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VN070032.D
Acq: 13 Dec 2021 15:00

Tgt Ion: 98 Resp: 1199952
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0

