

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112621\
 Data File : VN069650.D
 Acq On : 26 Nov 2021 11:02
 Operator : JC/MD
 Sample : VN1126WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1126WBL01

Quant Time: Nov 29 00:15:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	192993	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1110713	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	923400	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	543906	32.496	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.333%
60) 4-Bromofluorobenzene	12.734	95	364227	24.648	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	82.167%
63) Toluene-d8	10.443	98	1332084	31.243	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.133%

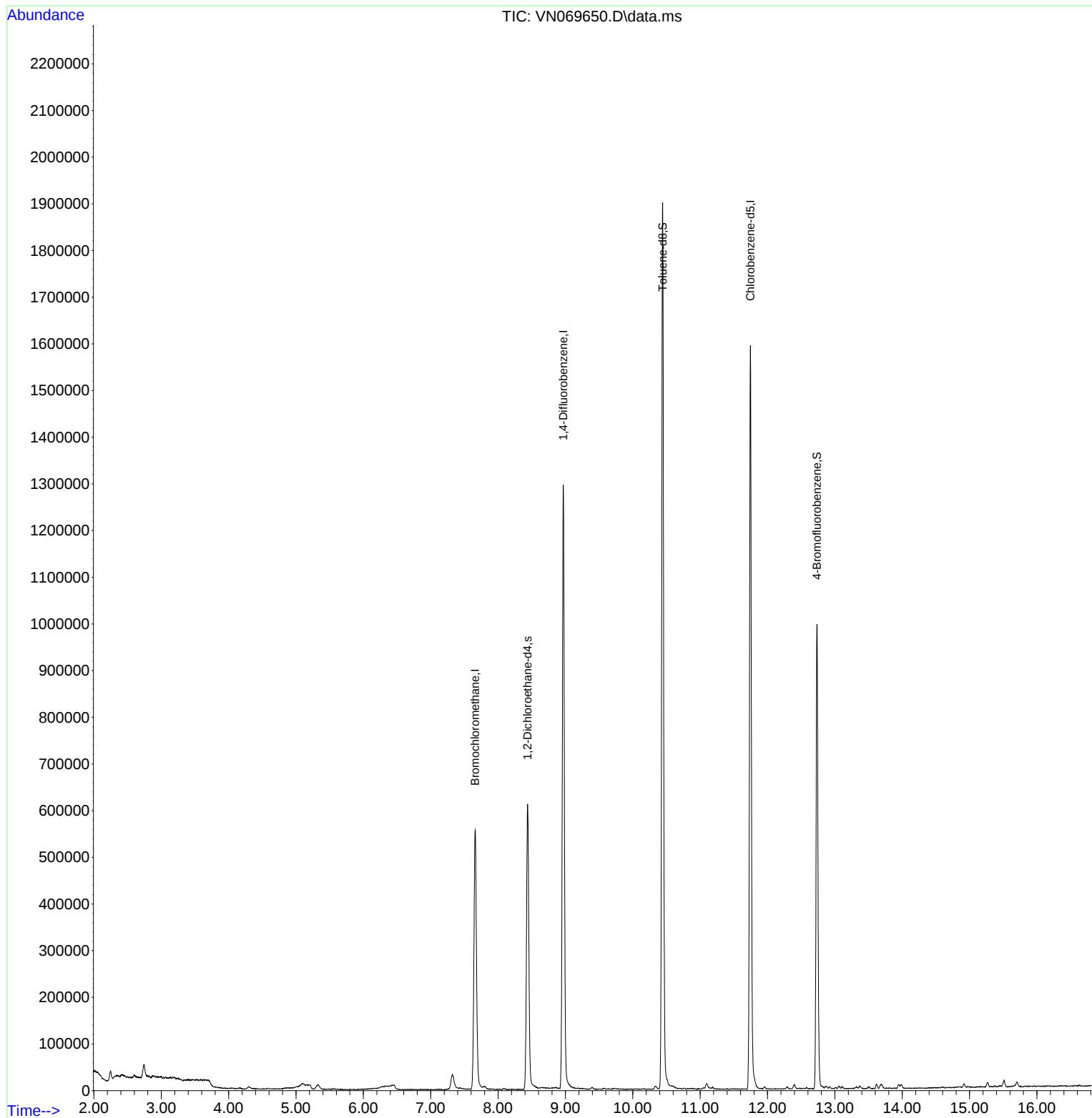
Target Compounds	Qvalue

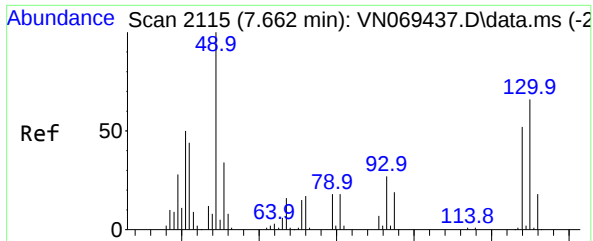
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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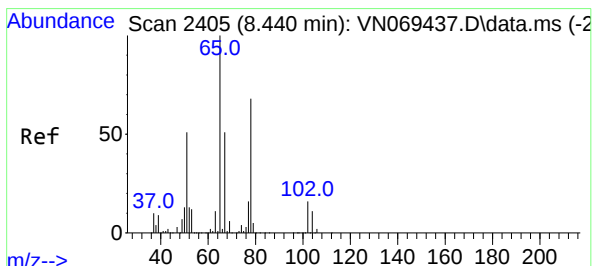
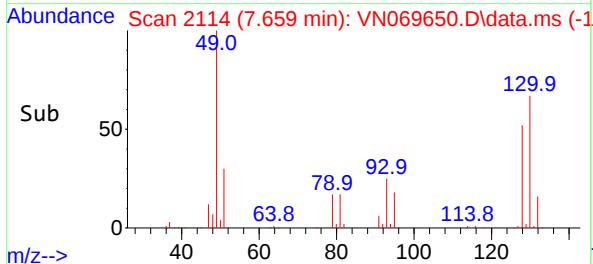
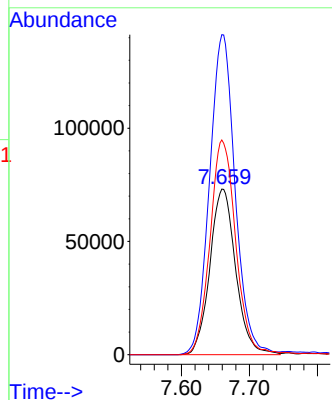
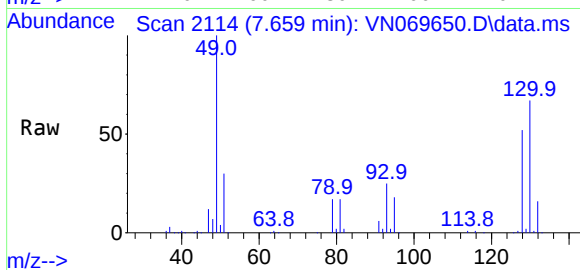




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VN069650.D
Acq: 26 Nov 2021 11:02

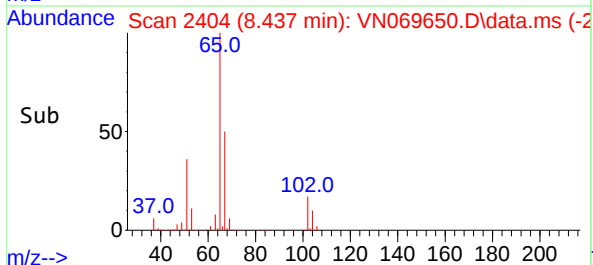
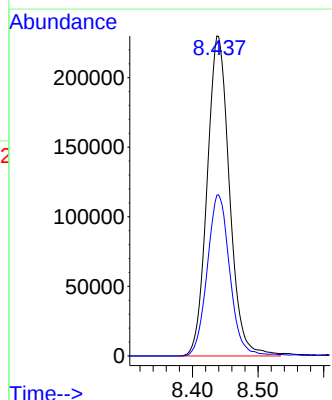
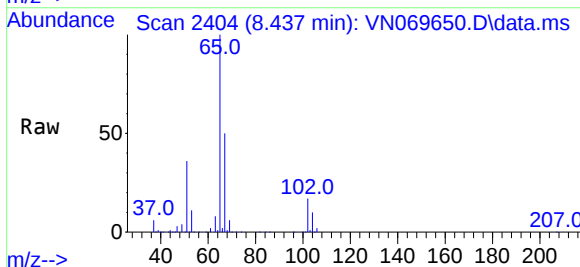
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBL01

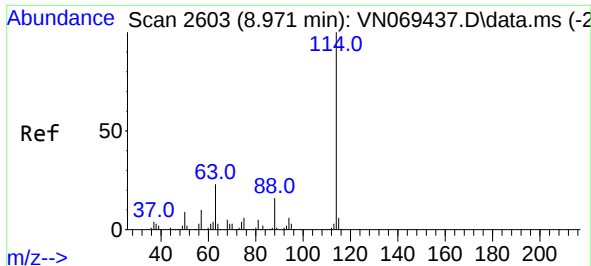
Tgt Ion:128 Resp: 192993
Ion Ratio Lower Upper
128 100
49 191.4 0.0 392.3
130 127.9 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 32.496 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.002 min
Lab File: VN069650.D
Acq: 26 Nov 2021 11:02

Tgt Ion: 65 Resp: 543906
Ion Ratio Lower Upper
65 100
67 50.7 40.2 60.2

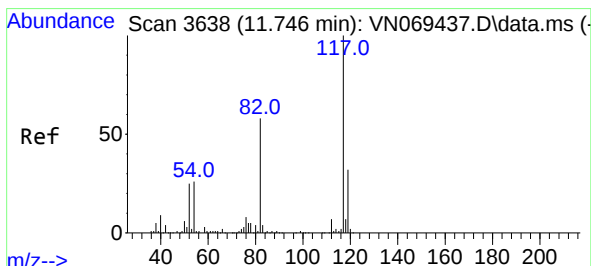
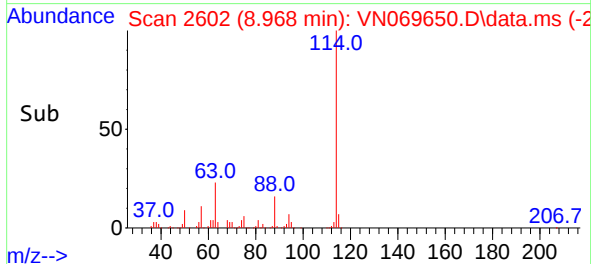
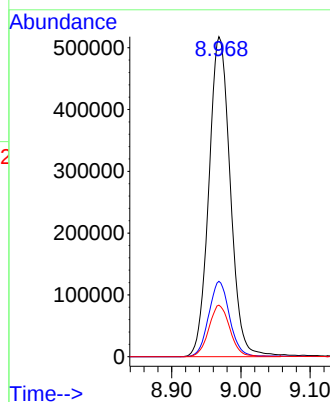
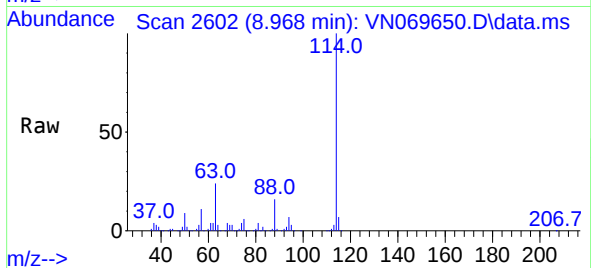




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2603
Delta R.T. -0.002 min
Lab File: VN069650.D
Acq: 26 Nov 2021 11:02

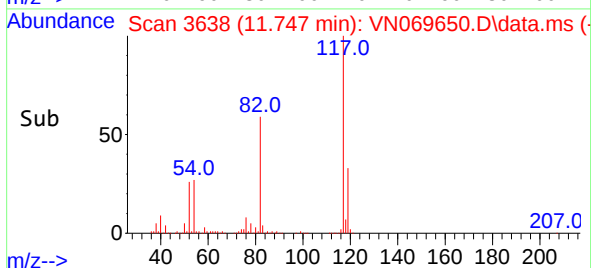
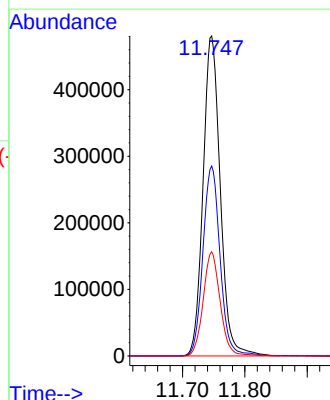
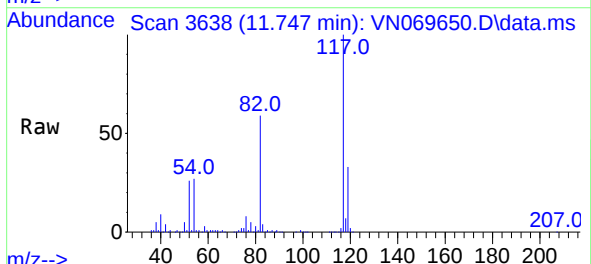
Instrument :
MSVOA_N
ClientSampleId :
VN1126WBL01

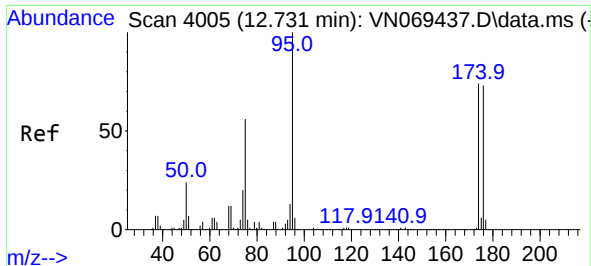
Tgt Ion:114 Resp: 1110713
Ion Ratio Lower Upper
114 100
63 23.1 15.8 23.6
88 15.8 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069650.D
Acq: 26 Nov 2021 11:02

Tgt Ion:117 Resp: 923400
Ion Ratio Lower Upper
117 100
82 59.1 43.6 65.4
119 32.0 25.8 38.6

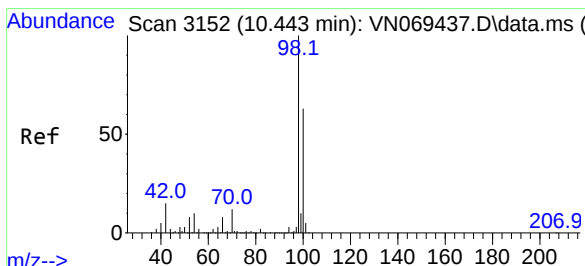
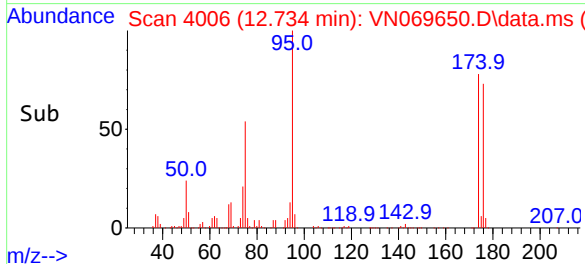
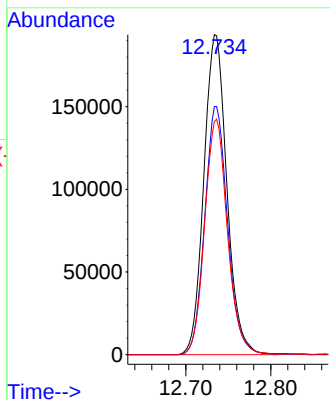
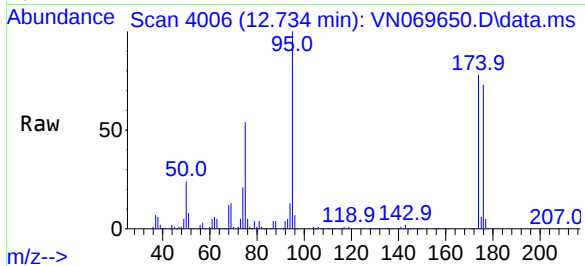




#60
4-Bromofluorobenzene
Concen: 24.648 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069650.D
Acq: 26 Nov 2021 11:02

Instrument :
MSVOA_N
ClientSampleId :
VN1126WBL01

Tgt Ion: 95 Resp: 364227
Ion Ratio Lower Upper
95 100
174 77.0 62.9 94.3
176 73.0 61.0 91.4



#63
Toluene-d8
Concen: 31.243 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069650.D
Acq: 26 Nov 2021 11:02

Tgt Ion: 98 Resp: 1332084
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0

