

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072511.D
 Acq On : 16 May 2022 19:21
 Operator : JC\MD
 Sample : N2837-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-IDWGW-20220512

Quant Time: May 17 07:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	22034	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	114623	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	96477	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	78725	31.752	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.833%
60) 4-Bromofluorobenzene	12.727	95	42908	22.778	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.933%
63) Toluene-d8	10.439	98	161152	30.600	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.000%

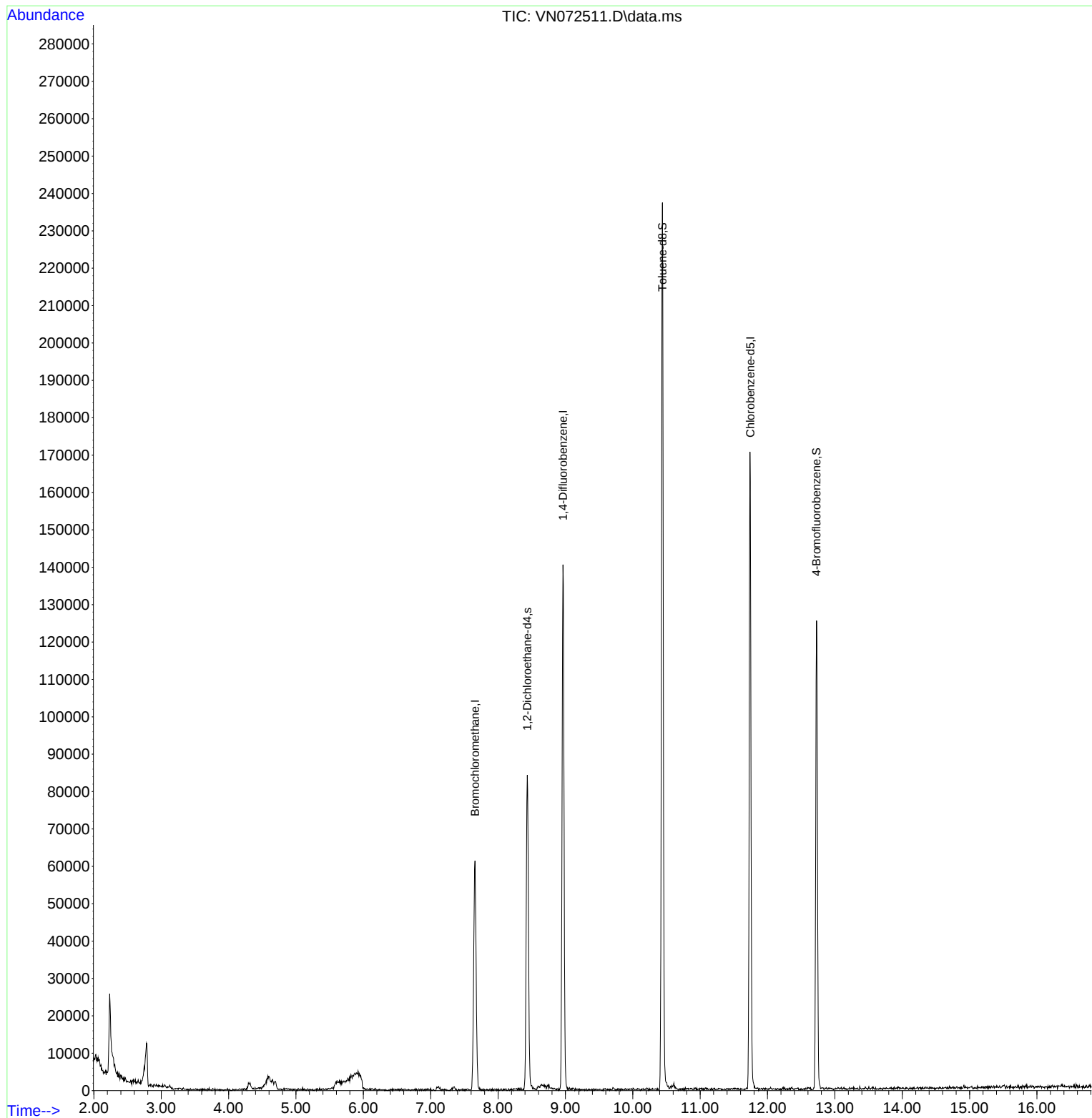
Target Compounds	Qvalue

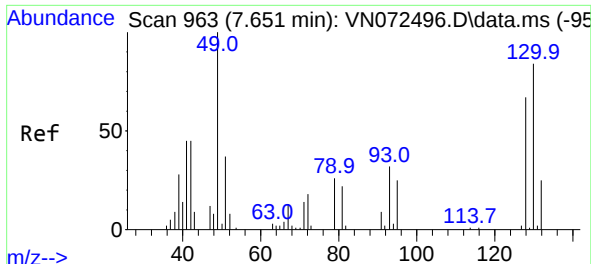
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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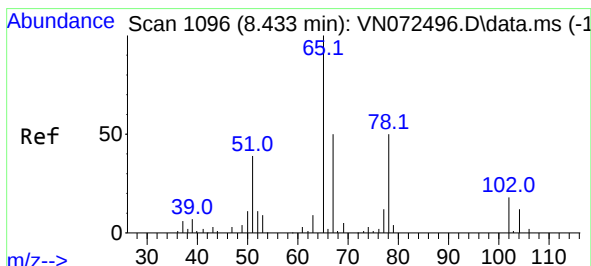
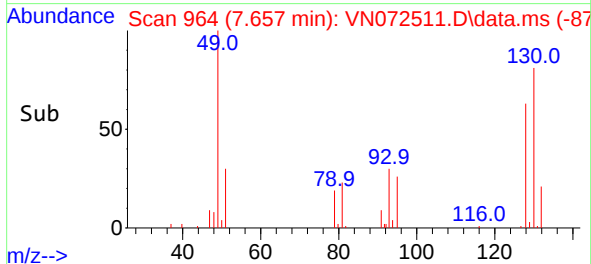
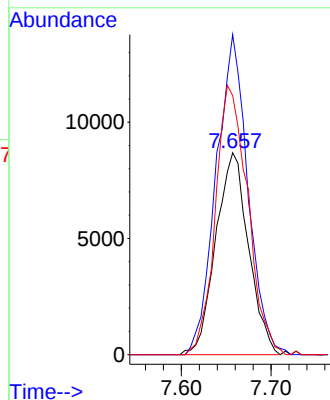
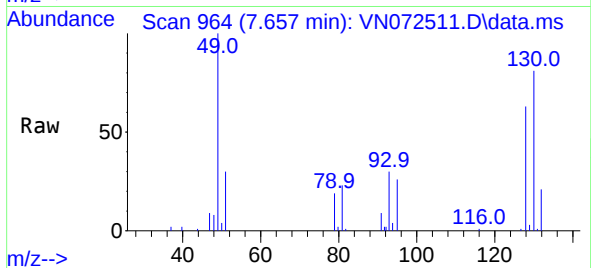




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072511.D
Acq: 16 May 2022 19:21

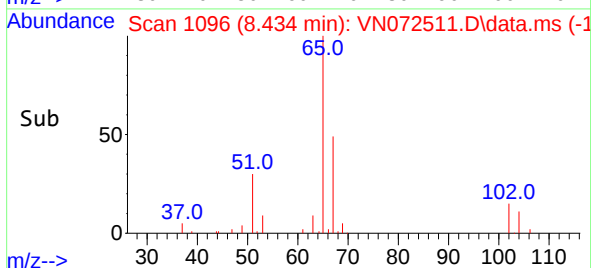
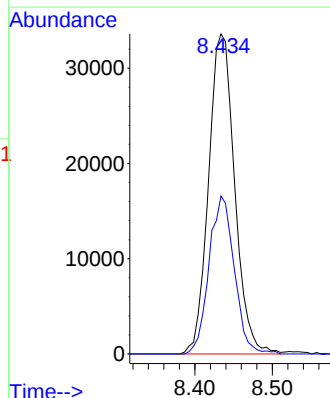
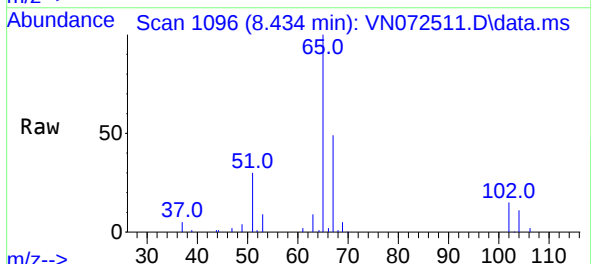
Instrument :
MSVOA_N
ClientSampleId :
RW8-IDWGW-20220512

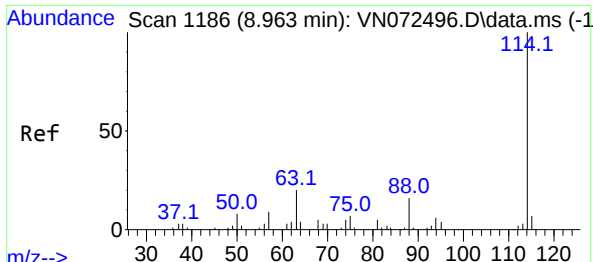
Tgt Ion:128 Resp: 22034
Ion Ratio Lower Upper
128 100
49 153.6 0.0 392.3
130 131.5 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 31.752 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072511.D
Acq: 16 May 2022 19:21

Tgt Ion: 65 Resp: 78725
Ion Ratio Lower Upper
65 100
67 47.7 40.2 60.2



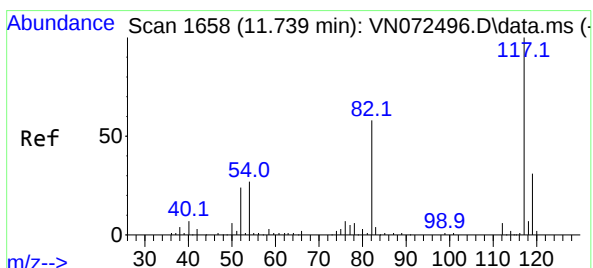
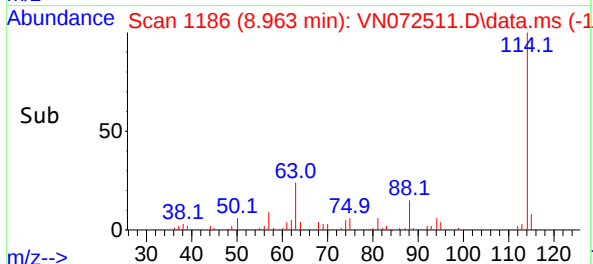
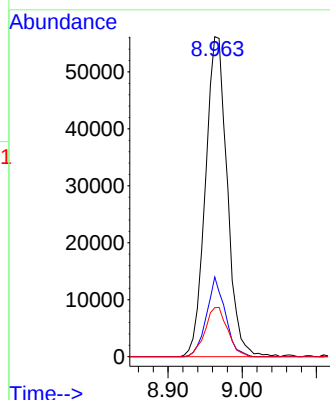
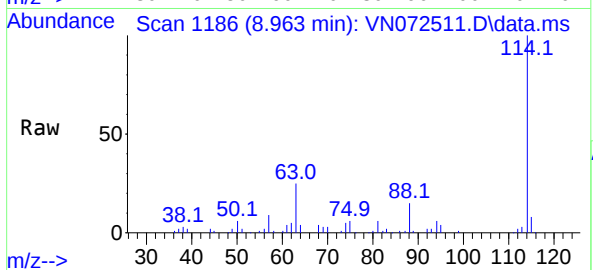


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072511.D
Acq: 16 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
RW8-IDWGW-20220512

Tgt Ion:114 Resp: 114623

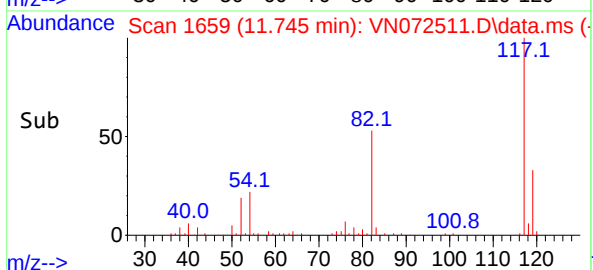
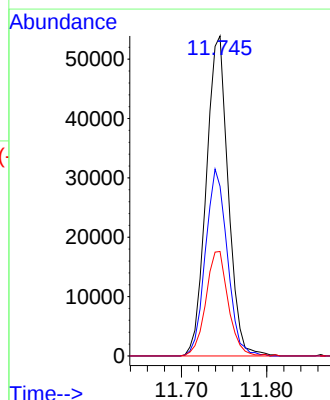
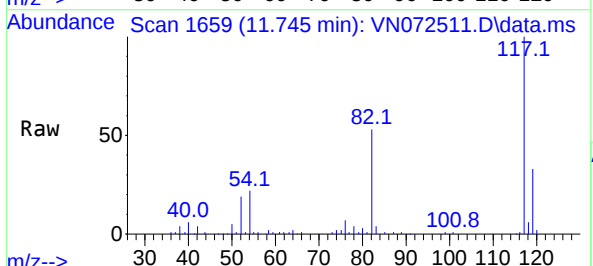
Ion	Ratio	Lower	Upper
114	100		
63	21.5	15.8	23.6
88	16.0	11.6	17.4

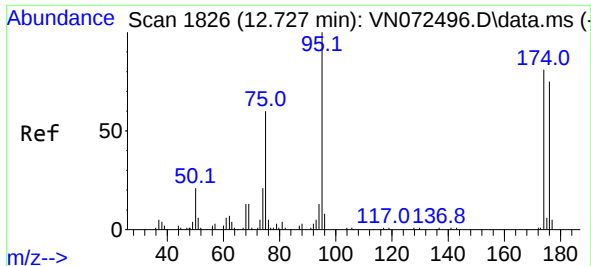


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072511.D
Acq: 16 May 2022 19:21

Tgt Ion:117 Resp: 96477

Ion	Ratio	Lower	Upper
117	100		
82	58.2	43.6	65.4
119	33.3	25.8	38.6

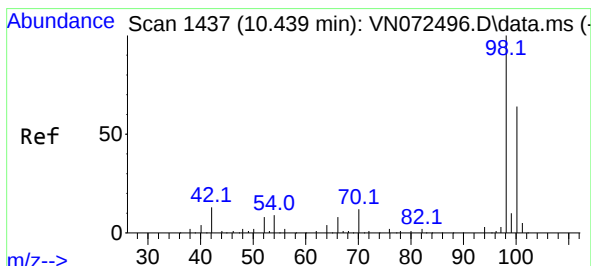
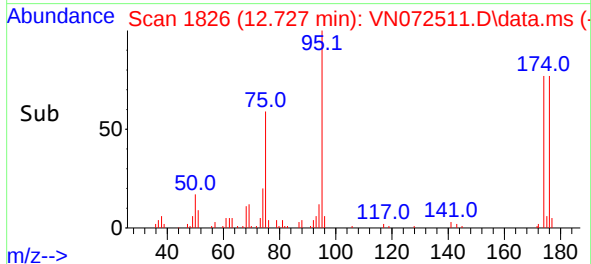
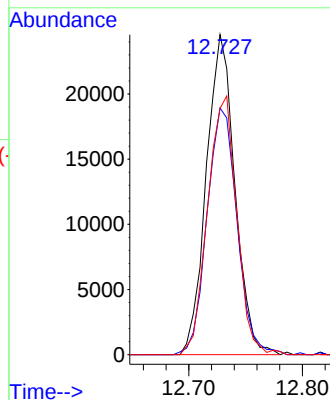
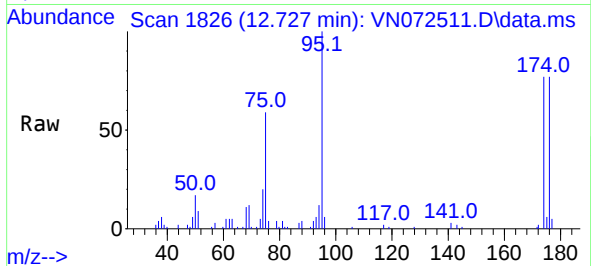




#60
4-Bromofluorobenzene
Concen: 22.778 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072511.D
Acq: 16 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
RW8-IDWGW-20220512

Tgt Ion: 95 Resp: 42908
Ion Ratio Lower Upper
95 100
174 80.9 62.9 94.3
176 81.8 61.0 91.4



#63
Toluene-d8
Concen: 30.600 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072511.D
Acq: 16 May 2022 19:21

Tgt Ion: 98 Resp: 161152
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

