

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072519.D
 Acq On : 16 May 2022 22:34
 Operator : JC\MD
 Sample : N2833-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP03

Quant Time: May 17 07:21:49 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	7.651	128	21156	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	106284	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	90277	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	76987	32.340	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.800%
60) 4-Bromofluorobenzene	12.727	95	40917	23.213	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.367%
63) Toluene-d8	10.439	98	148980	30.231	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.767%

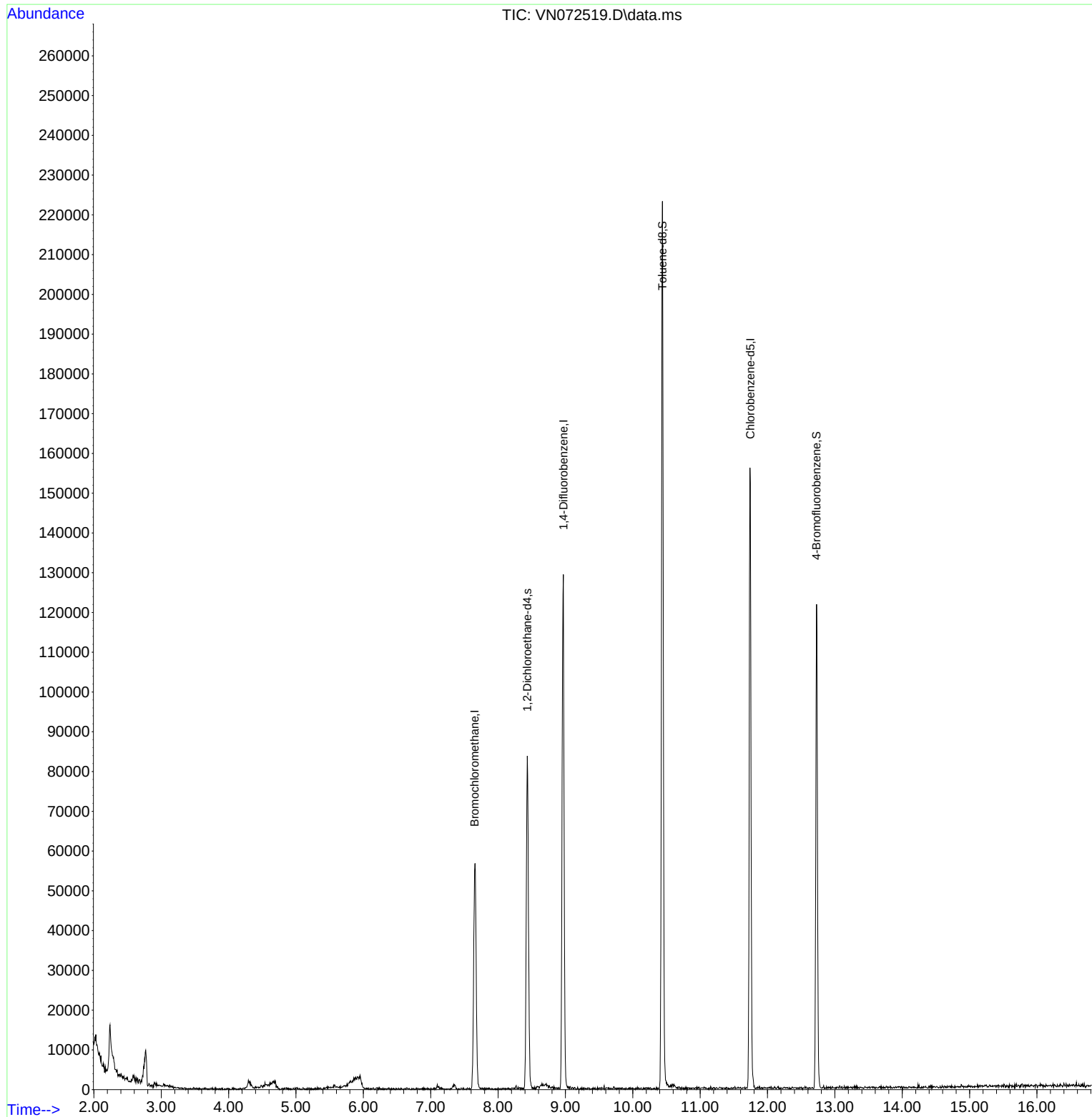
Target Compounds	Qvalue

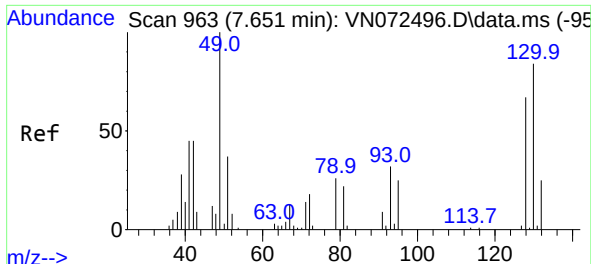
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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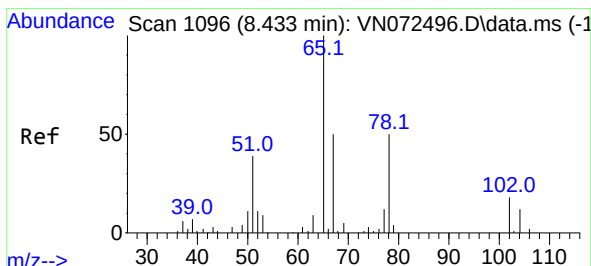
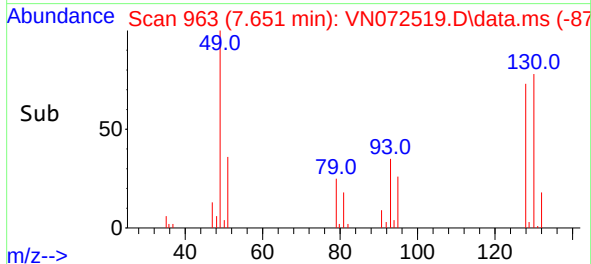
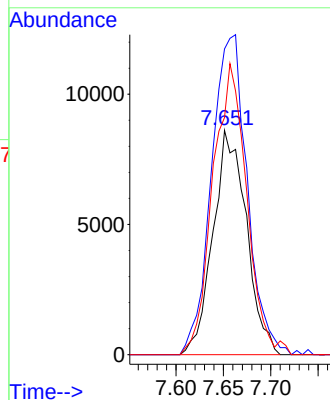
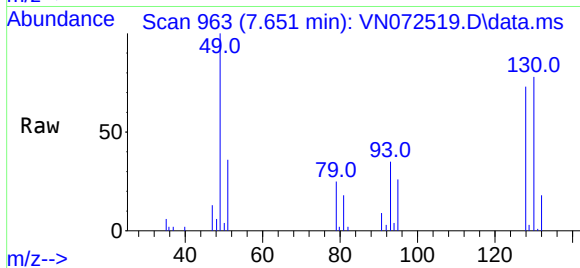




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072519.D
Acq: 16 May 2022 22:34

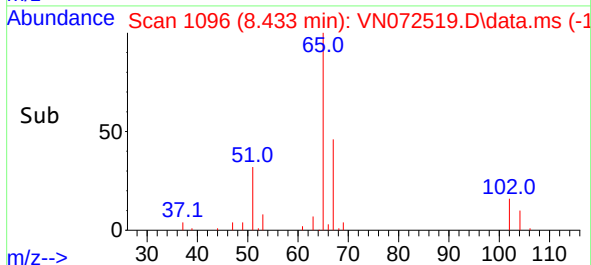
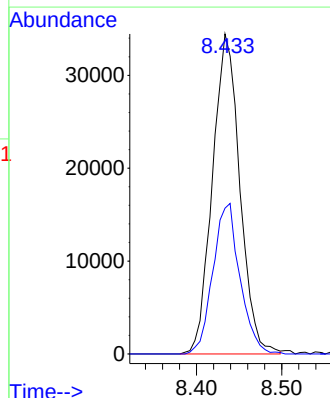
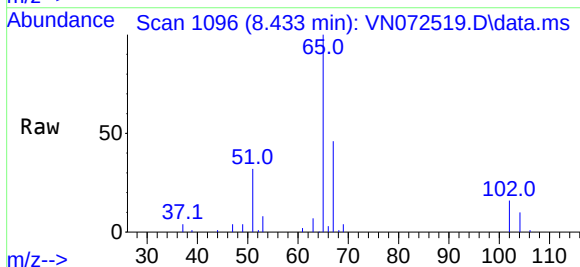
Instrument :
MSVOA_N
ClientSampleId :
TWP03

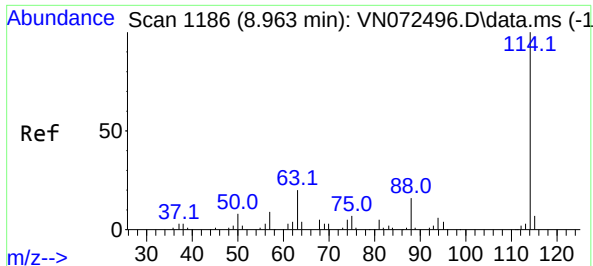
Tgt Ion:128 Resp: 21156
Ion Ratio Lower Upper
128 100
49 152.3 0.0 392.3
130 130.3 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 32.340 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072519.D
Acq: 16 May 2022 22:34

Tgt Ion: 65 Resp: 76987
Ion Ratio Lower Upper
65 100
67 46.2 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072519.D

Acq: 16 May 2022 22:34

Instrument :

MSVOA_N

ClientSampleId :

TWP03

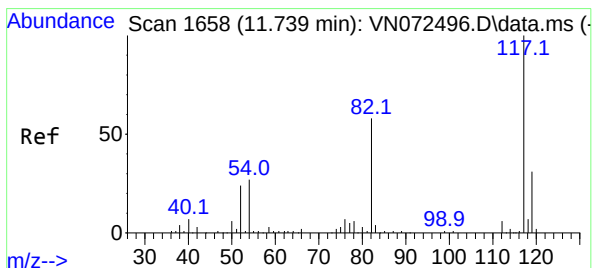
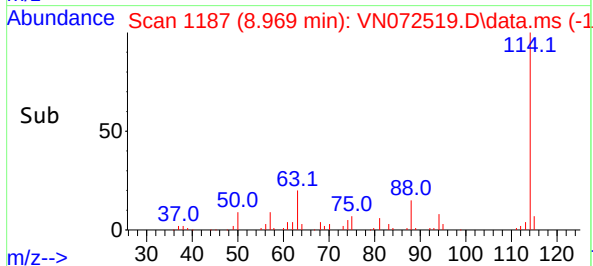
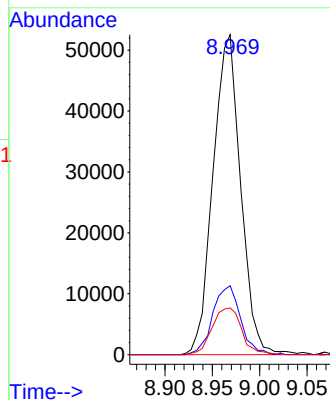
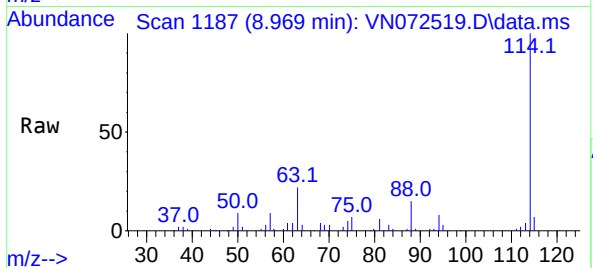
Tgt Ion:114 Resp: 106284

Ion Ratio Lower Upper

114 100

63 21.7 15.8 23.6

88 15.6 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: VN072519.D

Acq: 16 May 2022 22:34

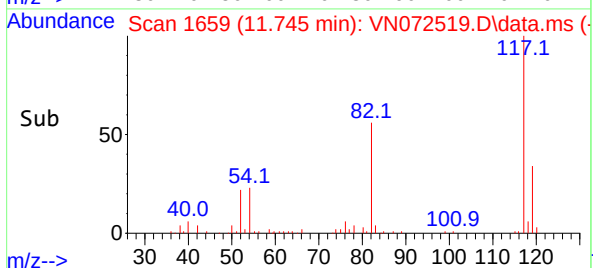
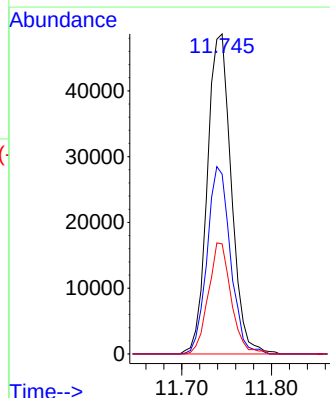
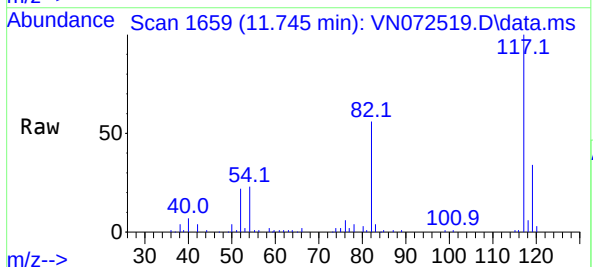
Tgt Ion:117 Resp: 90277

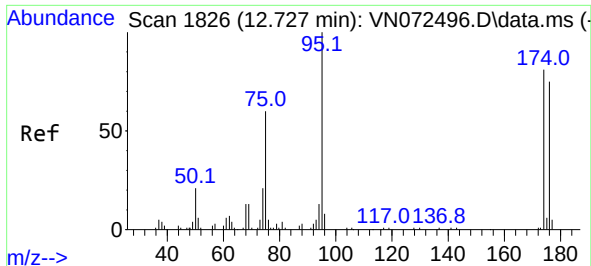
Ion Ratio Lower Upper

117 100

82 57.1 43.6 65.4

119 33.0 25.8 38.6

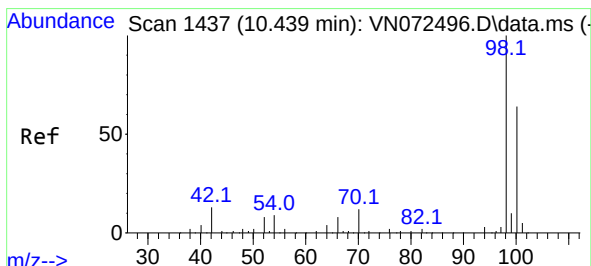
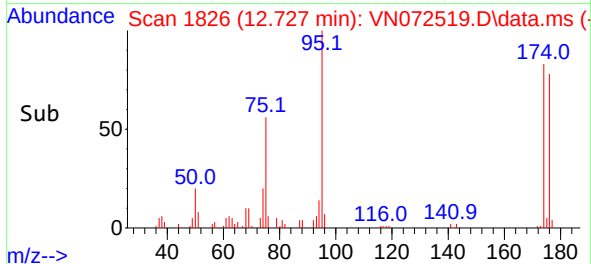
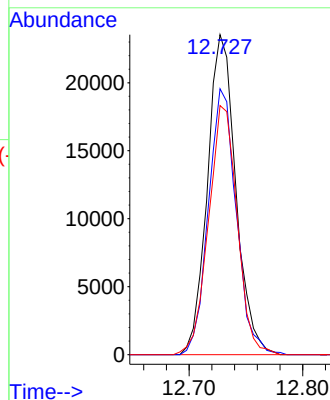
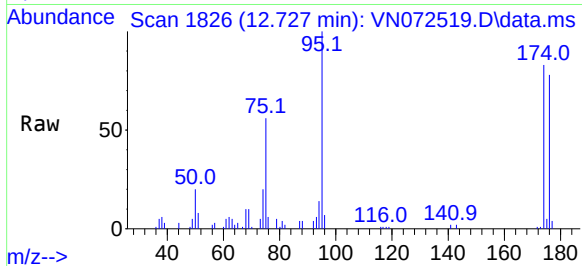




#60
4-Bromofluorobenzene
Concen: 23.213 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072519.D
Acq: 16 May 2022 22:34

Instrument :
MSVOA_N
ClientSampleId :
TWP03

Tgt Ion: 95 Resp: 40917
Ion Ratio Lower Upper
95 100
174 81.7 62.9 94.3
176 78.4 61.0 91.4



#63
Toluene-d8
Concen: 30.231 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072519.D
Acq: 16 May 2022 22:34

Tgt Ion: 98 Resp: 148980
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0

