

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072504.D
 Acq On : 16 May 2022 16:32
 Operator : JC\MD
 Sample : VN0516WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBL01

Quant Time: May 17 07:18:12 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	24092	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	124018	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	104752	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	83337	30.741	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.467%
60) 4-Bromofluorobenzene	12.727	95	48488	23.707	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.033%
63) Toluene-d8	10.439	98	179642	31.416	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.733%

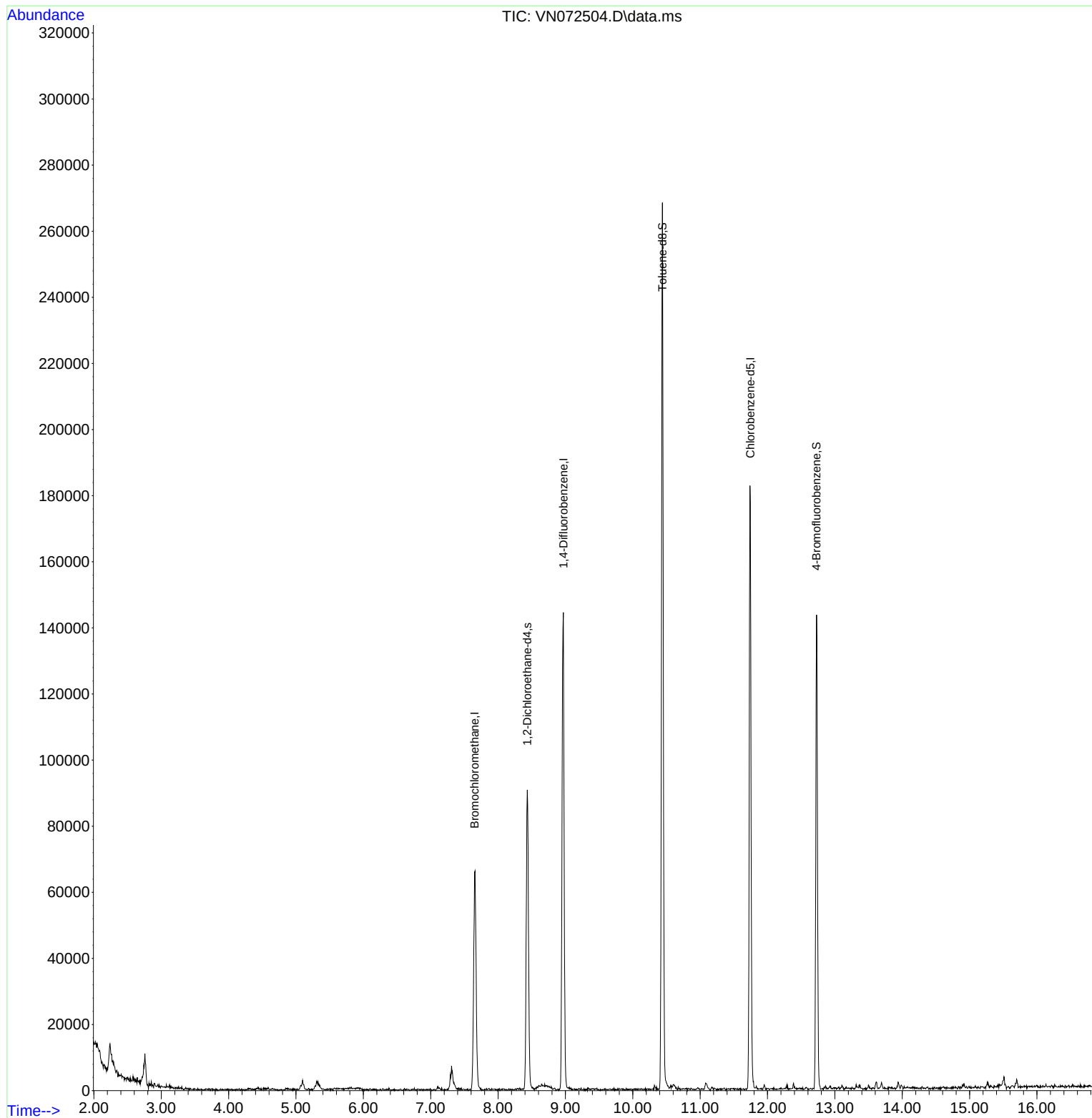
Target Compounds	Qvalue

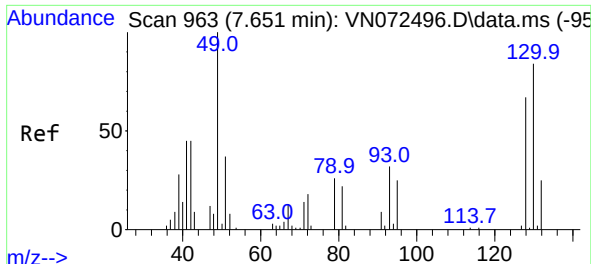
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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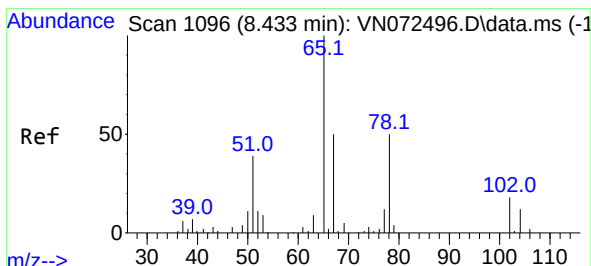
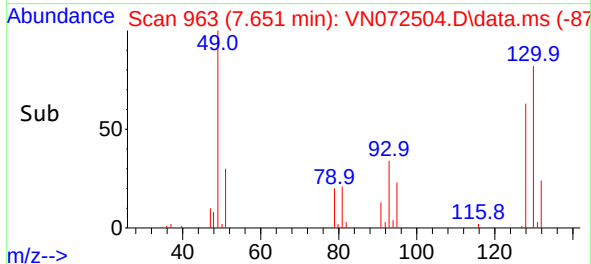
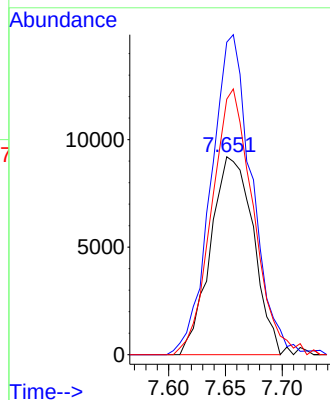
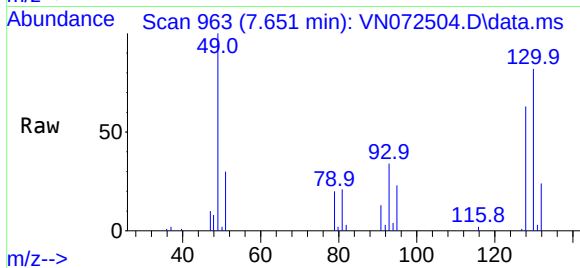




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072504.D
Acq: 16 May 2022 16:32

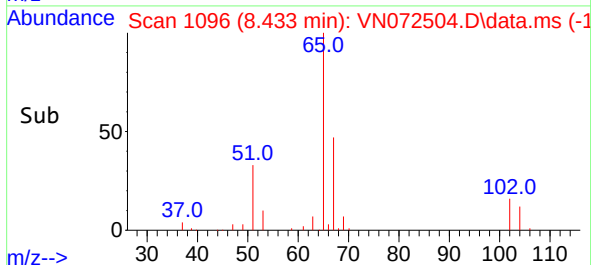
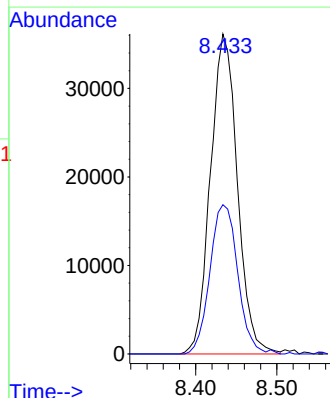
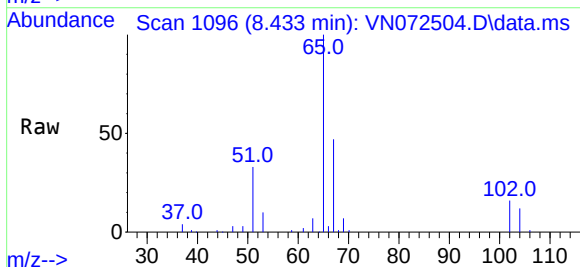
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

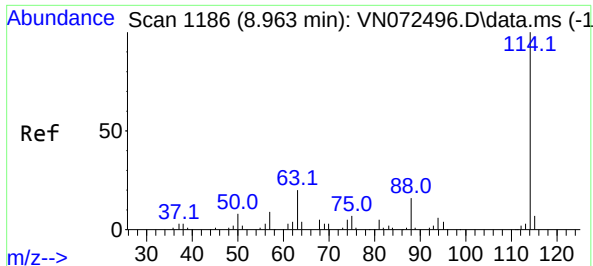
Tgt Ion:128 Resp: 24092
Ion Ratio Lower Upper
128 100
49 154.5 0.0 392.3
130 130.2 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 30.741 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072504.D
Acq: 16 May 2022 16:32

Tgt Ion: 65 Resp: 83337
Ion Ratio Lower Upper
65 100
67 47.9 40.2 60.2

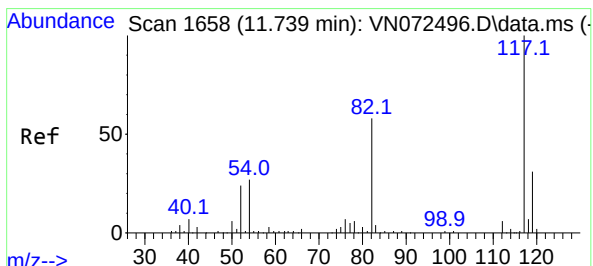
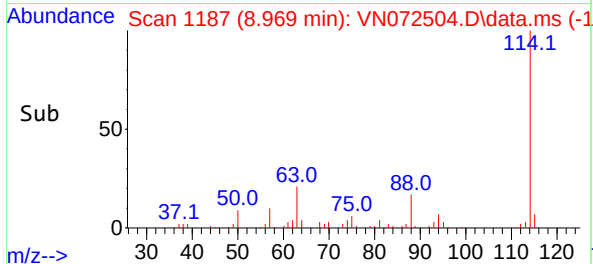
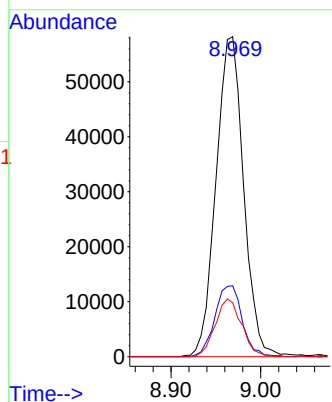
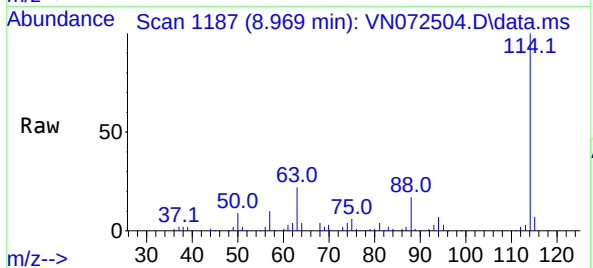




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN072504.D
Acq: 16 May 2022 16:32

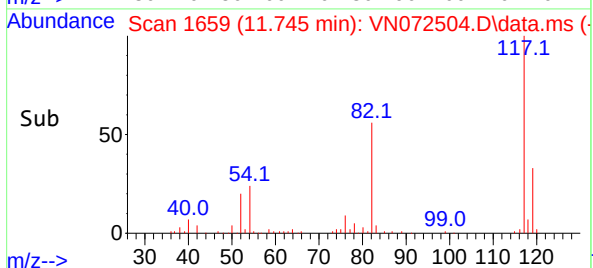
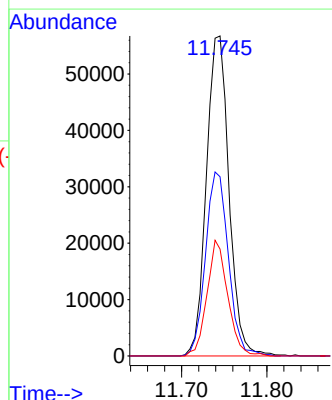
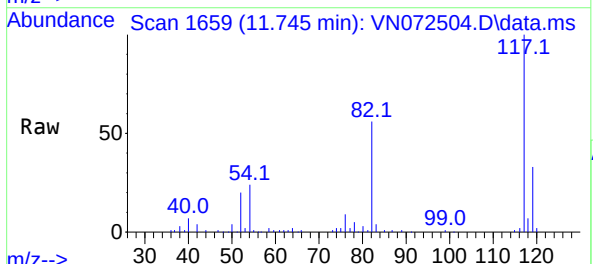
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

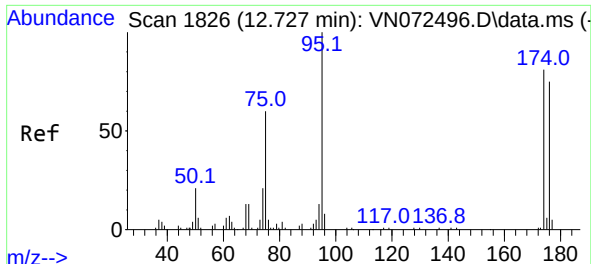
Tgt Ion:114 Resp: 124018
Ion Ratio Lower Upper
114 100
63 22.0 15.8 23.6
88 17.3 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072504.D
Acq: 16 May 2022 16:32

Tgt Ion:117 Resp: 104752
Ion Ratio Lower Upper
117 100
82 57.7 43.6 65.4
119 33.0 25.8 38.6

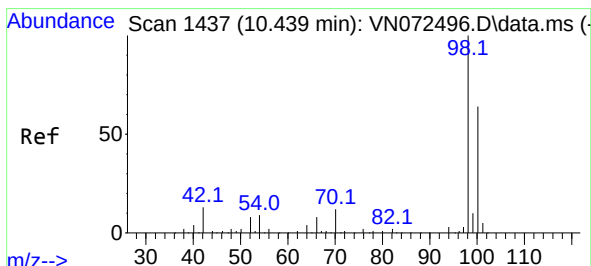
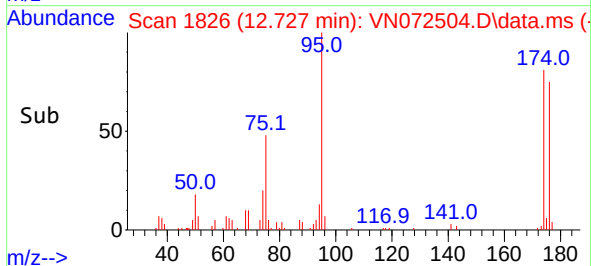
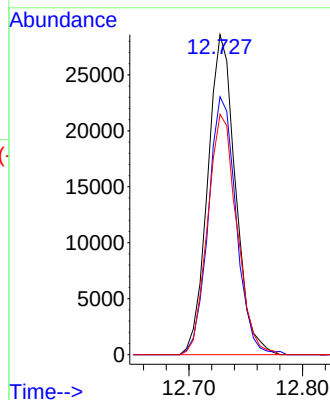
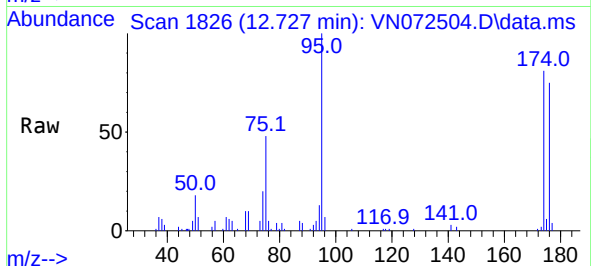




#60
4-Bromofluorobenzene
Concen: 23.707 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072504.D
Acq: 16 May 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN0516WBL01

Tgt Ion: 95 Resp: 48488
Ion Ratio Lower Upper
95 100
174 80.5 62.9 94.3
176 78.9 61.0 91.4



#63
Toluene-d8
Concen: 31.416 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072504.D
Acq: 16 May 2022 16:32

Tgt Ion: 98 Resp: 179642
Ion Ratio Lower Upper
98 100
100 63.9 50.6 76.0

