

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079631.D
 Acq On : 20 Oct 2023 16:29
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 20 23:51:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	21181	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	138306	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	166187	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	94125	31.256	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.200%
60) 4-Bromofluorobenzene	12.853	95	60522	19.915	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	66.367%
63) Toluene-d8	10.571	98	205109	28.802	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.000%

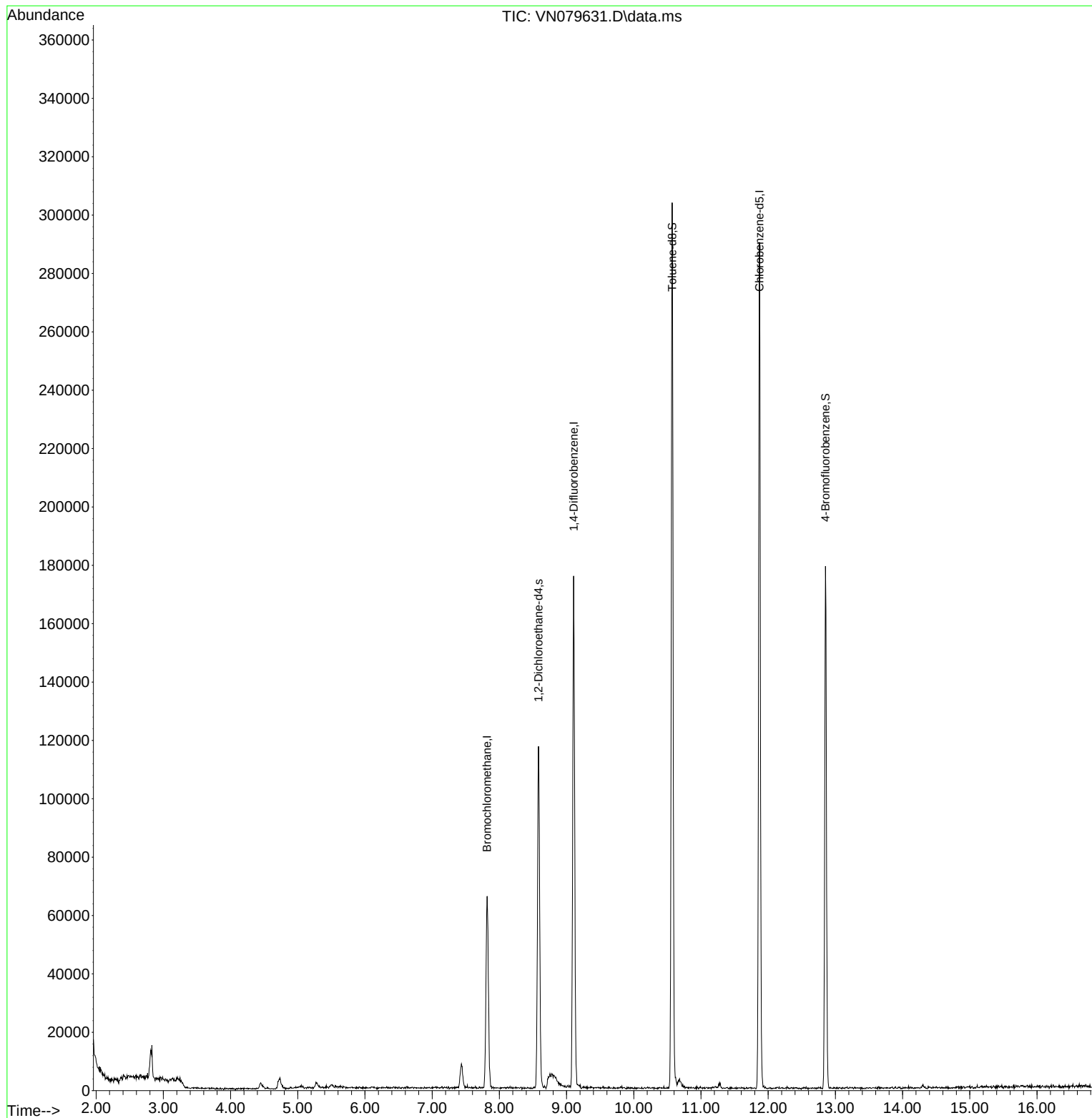
Target Compounds	Qvalue

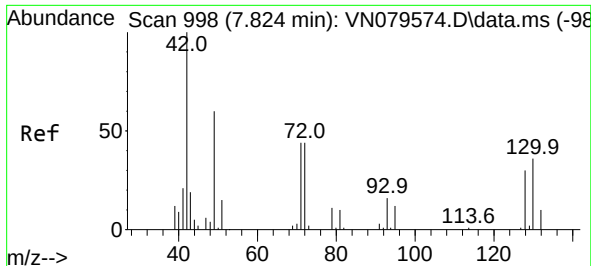
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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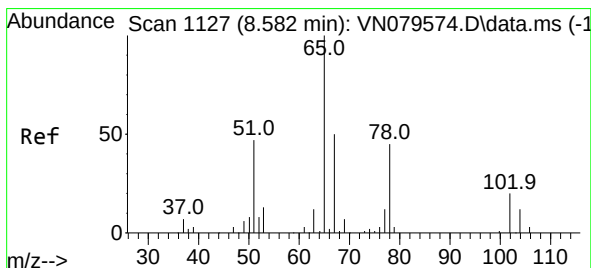
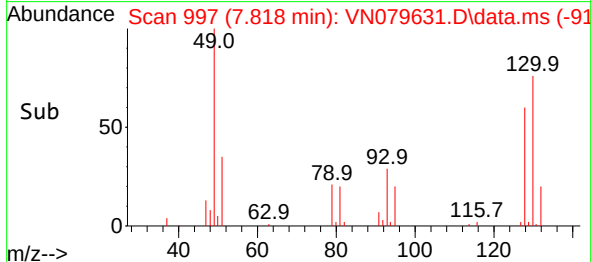
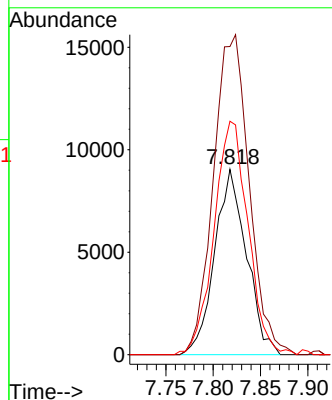
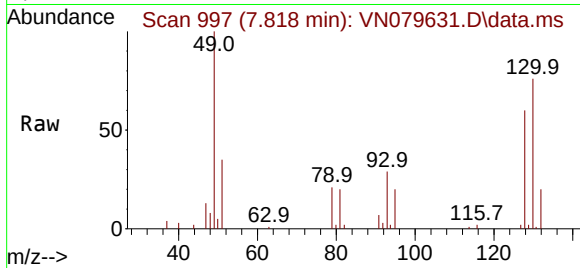




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079631.D
 Acq: 20 Oct 2023 16:29

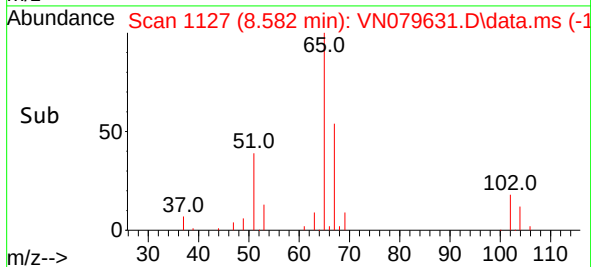
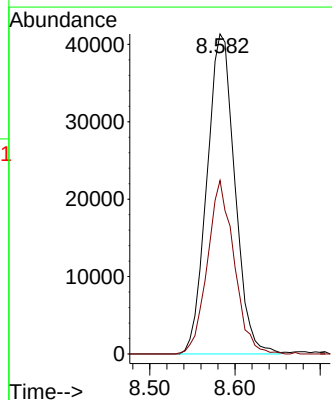
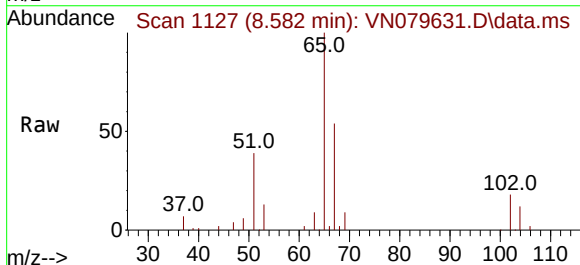
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

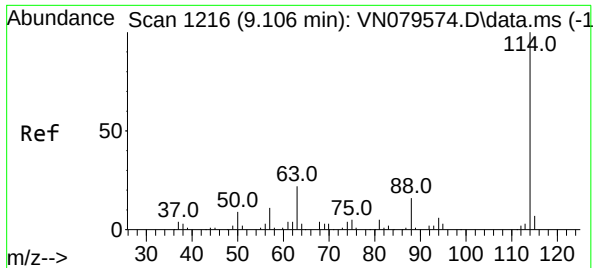
Tgt Ion:128 Resp: 21181
 Ion Ratio Lower Upper
 128 100
 49 193.7 0.0 468.5
 130 133.9 0.0 320.7



#27
 1,2-Dichloroethane-d4
 Concen: 31.256 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079631.D
 Acq: 20 Oct 2023 16:29

Tgt Ion: 65 Resp: 94125
 Ion Ratio Lower Upper
 65 100
 67 51.6 42.1 63.1

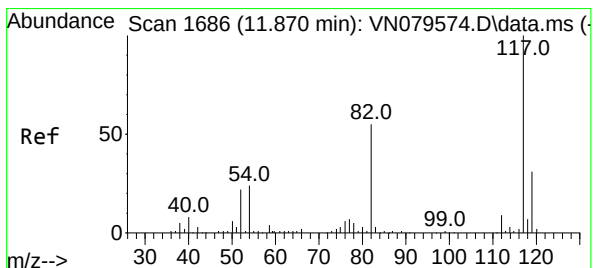
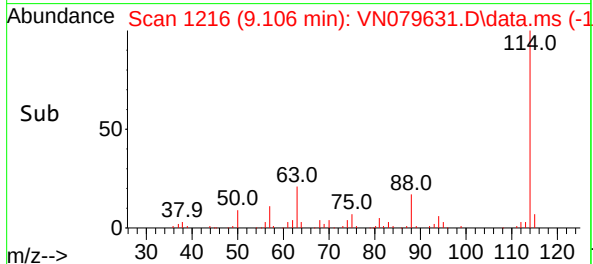
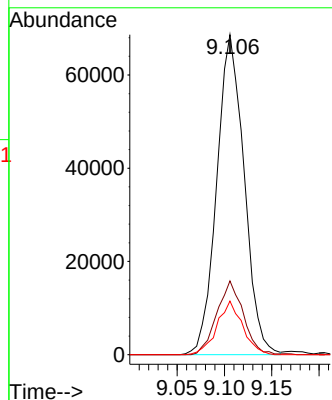
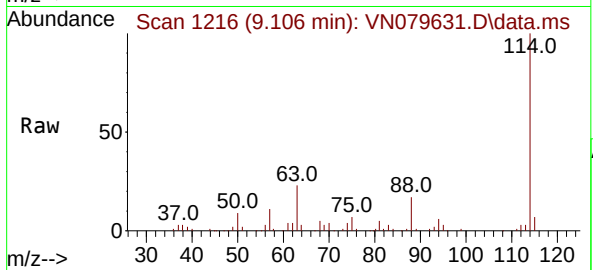




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN079631.D
Acq: 20 Oct 2023 16:29

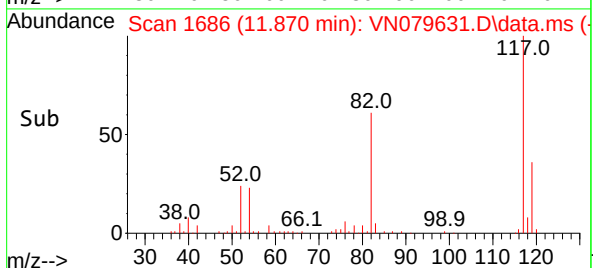
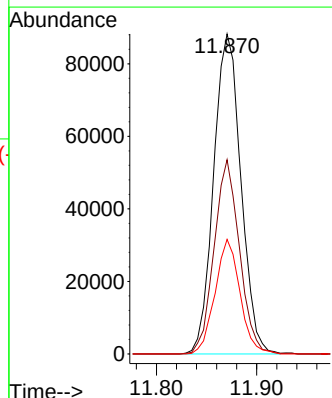
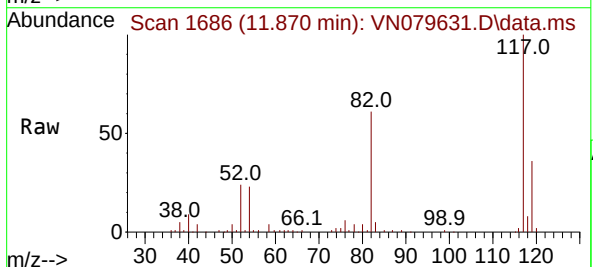
Instrument :
MSVOA_N
ClientSampleId :
IBLK

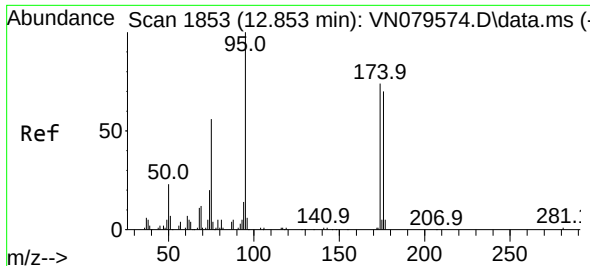
Tgt Ion:114 Resp: 138306
Ion Ratio Lower Upper
114 100
63 22.2 18.1 27.1
88 15.6 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079631.D
Acq: 20 Oct 2023 16:29

Tgt Ion:117 Resp: 166187
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.2
119 32.9 25.2 37.8

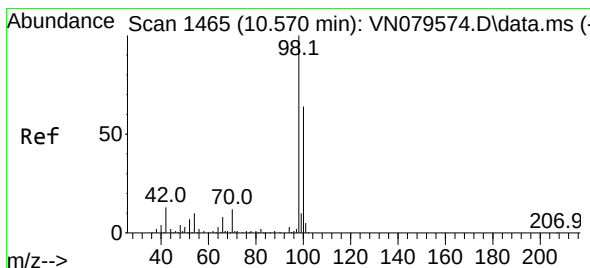
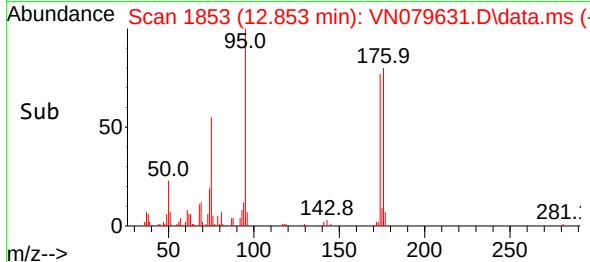
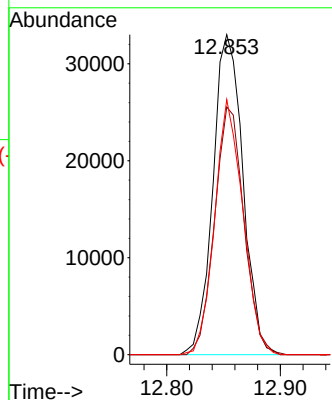
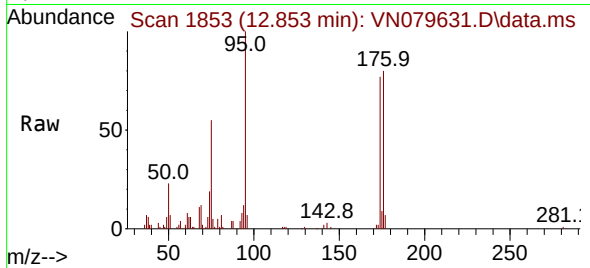




#60
4-Bromofluorobenzene
Concen: 19.915 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079631.D
Acq: 20 Oct 2023 16:29

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 60522
Ion Ratio Lower Upper
95 100
174 75.9 60.5 90.7
176 75.1 57.2 85.8



#63
Toluene-d8
Concen: 28.802 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079631.D
Acq: 20 Oct 2023 16:29

Tgt Ion: 98 Resp: 205109
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4

