

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074875.D
 Acq On : 12 Oct 2022 14:29
 Operator : JC\MD
 Sample : VN1012WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBL01

Quant Time: Oct 13 07:55:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	66456	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	376850	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	313500	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	197609	31.761	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.867%
60) 4-Bromofluorobenzene	12.847	95	139477	25.088	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.633%
63) Toluene-d8	10.571	98	582356	32.186	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.300%

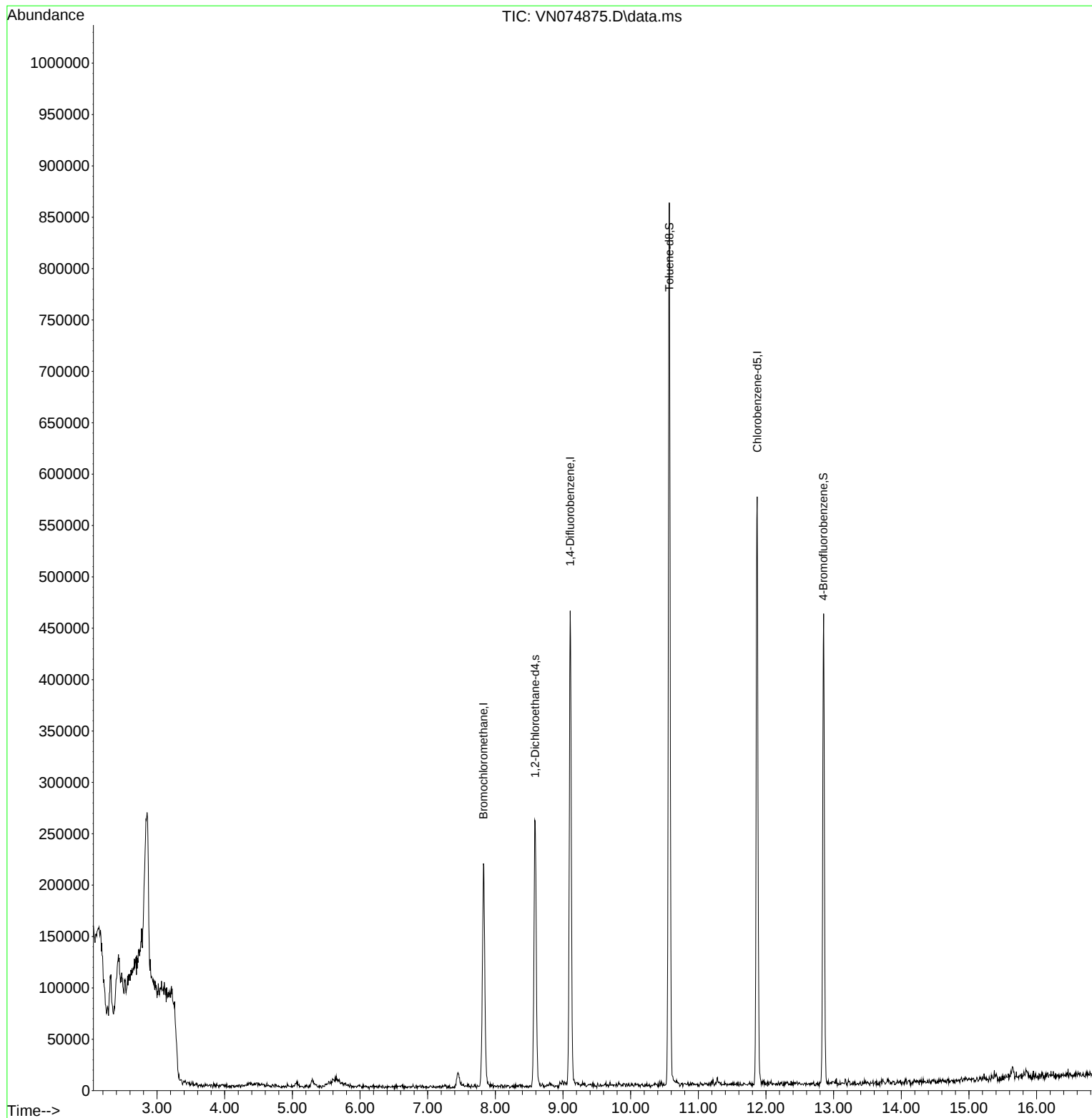
Target Compounds	Qvalue

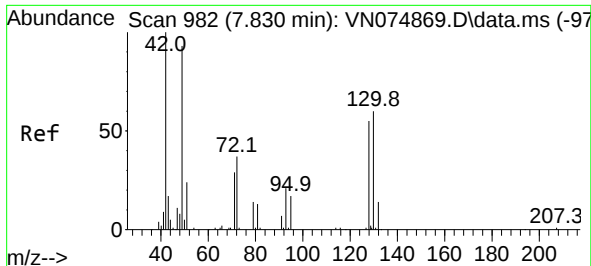
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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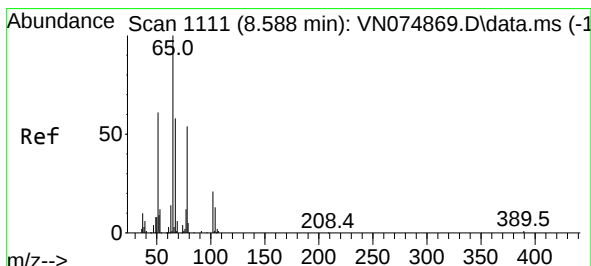
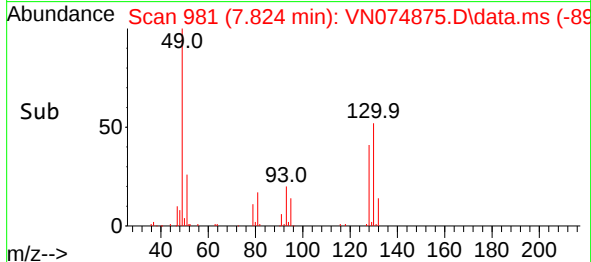
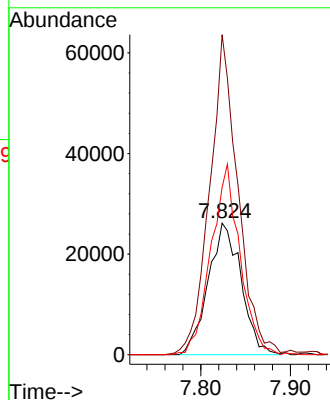
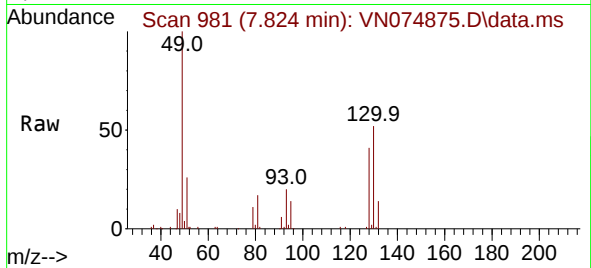




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074875.D
Acq: 12 Oct 2022 14:29

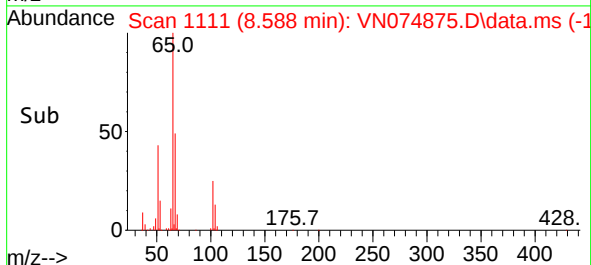
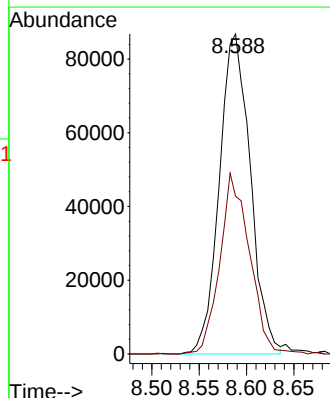
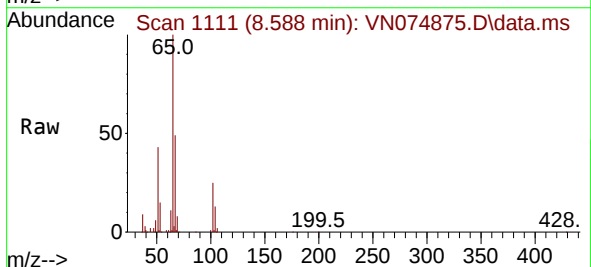
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

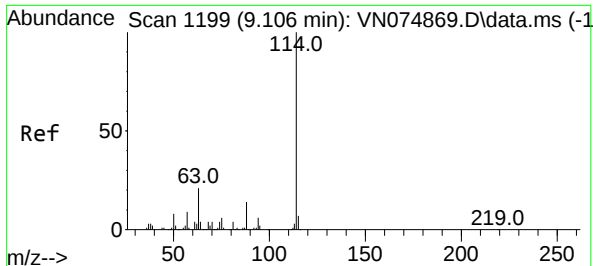
Tgt Ion:128 Resp: 66456
Ion Ratio Lower Upper
128 100
49 207.0 0.0 492.0
130 126.7 0.0 313.3



#27
1,2-Dichloroethane-d4
Concen: 31.761 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074875.D
Acq: 12 Oct 2022 14:29

Tgt Ion: 65 Resp: 197609
Ion Ratio Lower Upper
65 100
67 53.6 45.2 67.8

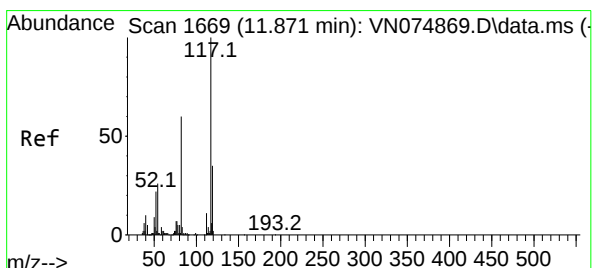
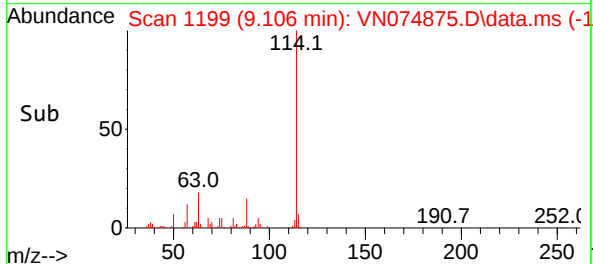
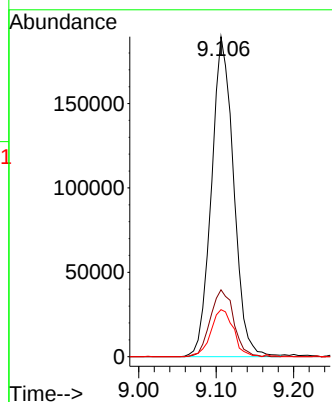
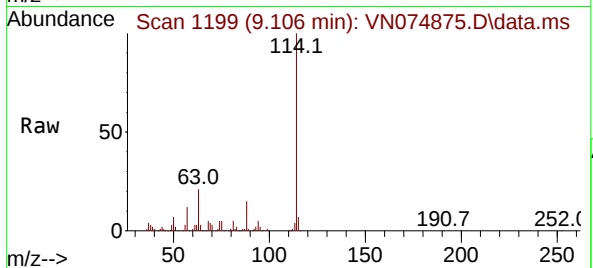




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN074875.D
Acq: 12 Oct 2022 14:29

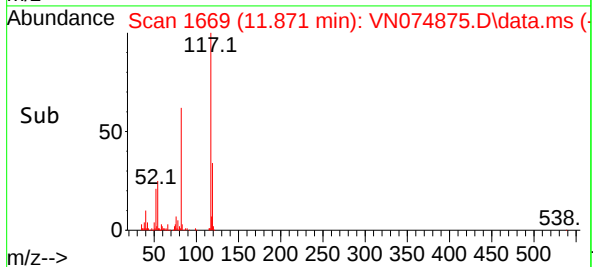
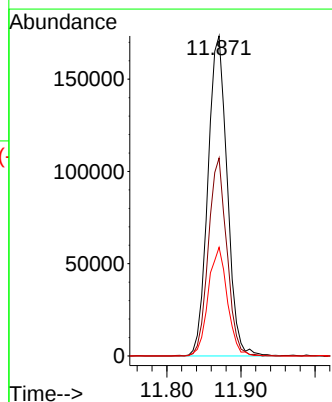
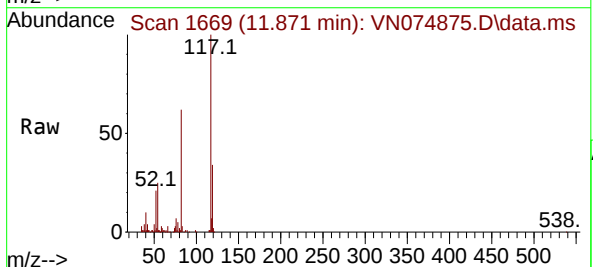
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

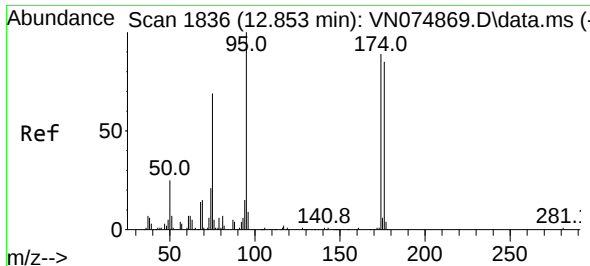
Tgt Ion:114 Resp: 376850
Ion Ratio Lower Upper
114 100
63 22.0 16.6 25.0
88 15.0 12.2 18.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074875.D
Acq: 12 Oct 2022 14:29

Tgt Ion:117 Resp: 313500
Ion Ratio Lower Upper
117 100
82 59.1 44.6 67.0
119 33.6 25.6 38.4

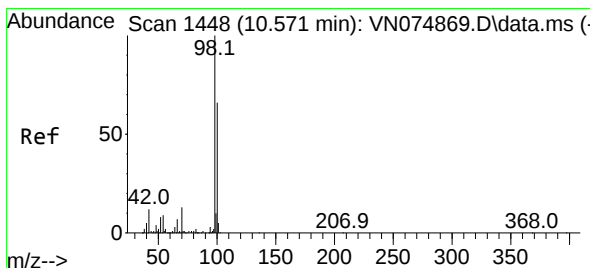
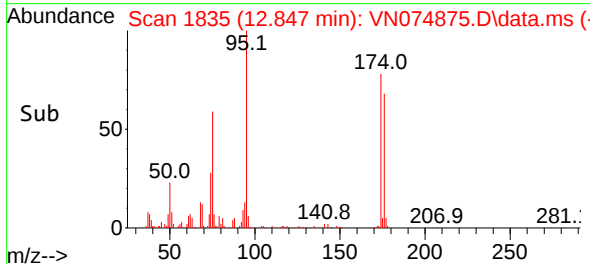
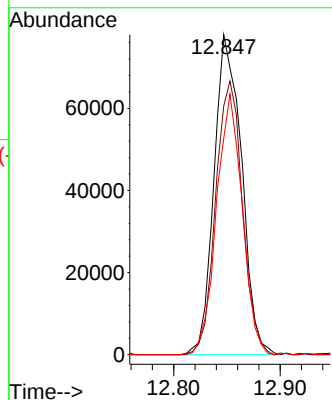
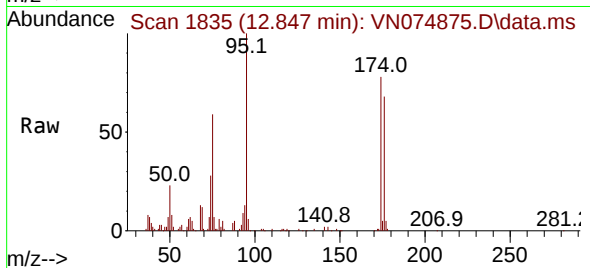




#60
4-Bromofluorobenzene
Concen: 25.088 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074875.D
Acq: 12 Oct 2022 14:29

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

Tgt Ion: 95 Resp: 139477
Ion Ratio Lower Upper
95 100
174 83.2 57.8 86.8
176 76.4 57.0 85.4



#63
Toluene-d8
Concen: 32.186 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074875.D
Acq: 12 Oct 2022 14:29

Tgt Ion: 98 Resp: 582356
Ion Ratio Lower Upper
98 100
100 62.5 52.7 79.1

