

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080734.D
 Acq On : 22 Jan 2024 12:42
 Operator : JC\MD
 Sample : VN0122WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122WBL02

Quant Time: Jan 23 01:31:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	11966	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	9.100	114	115670	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	118422	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	59553	30.819	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.733%
60) 4-Bromofluorobenzene	12.847	95	68774	26.253	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.500%
63) Toluene-d8	10.565	98	158889	30.572	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.900%

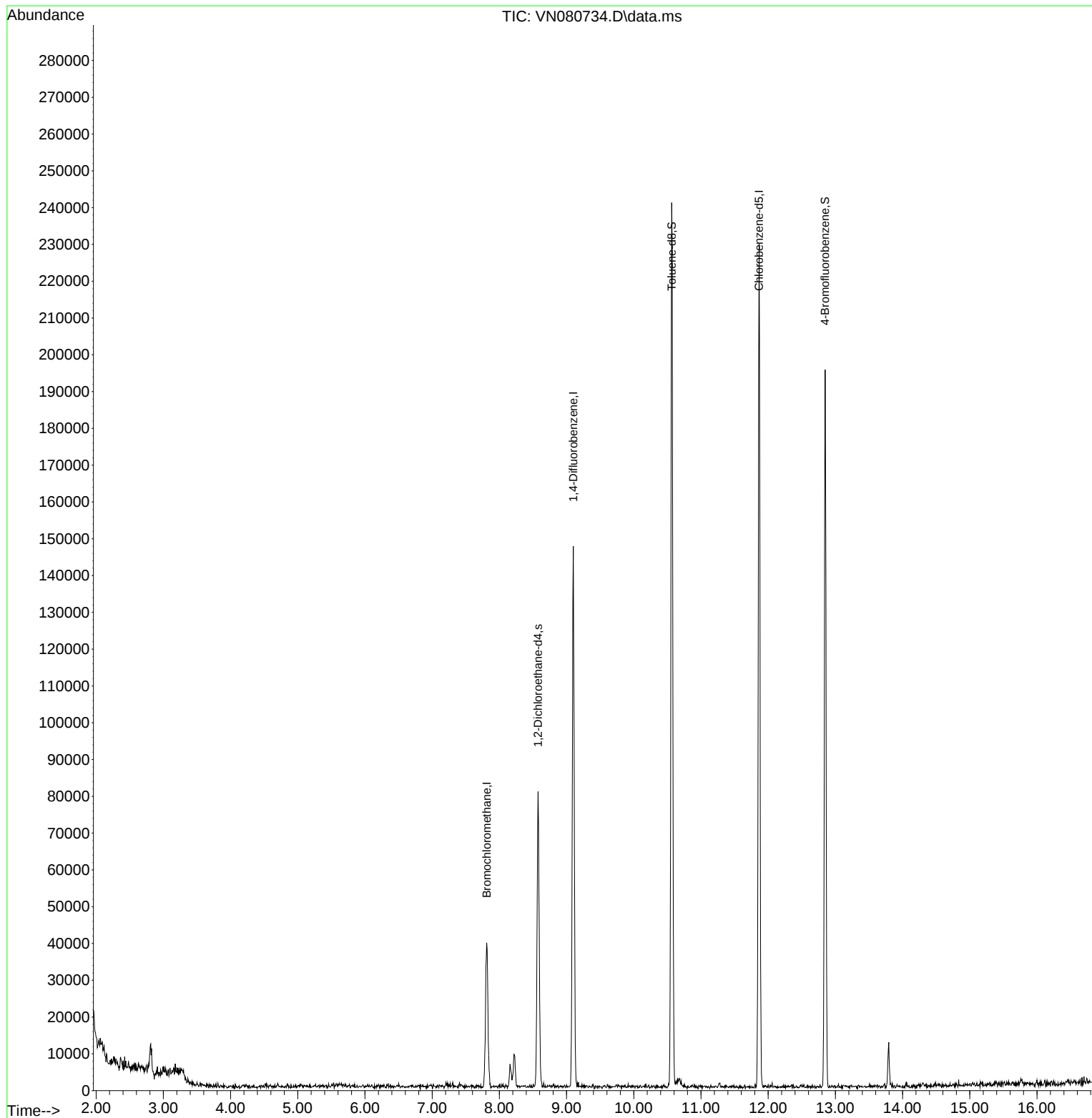
Target Compounds	Qvalue

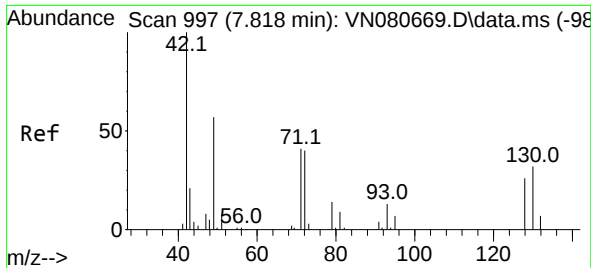
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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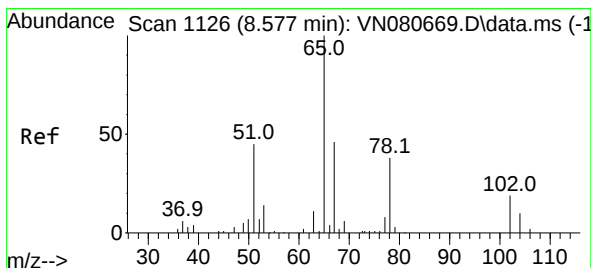
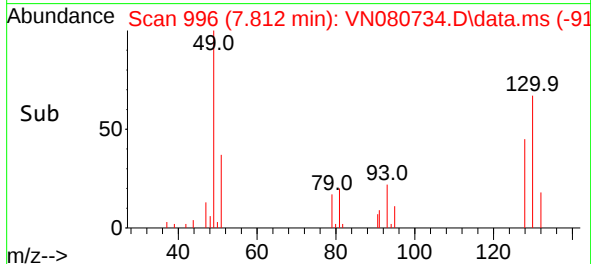
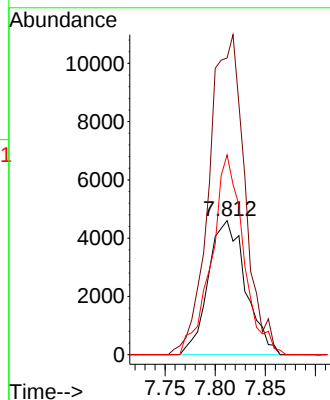
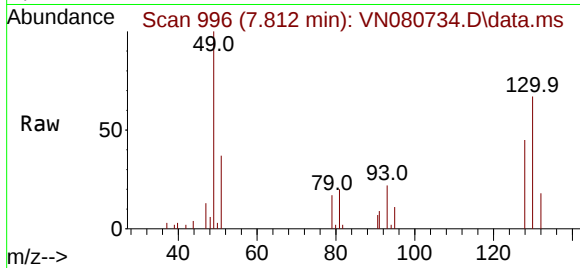




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

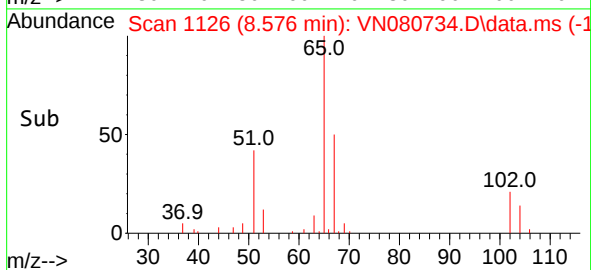
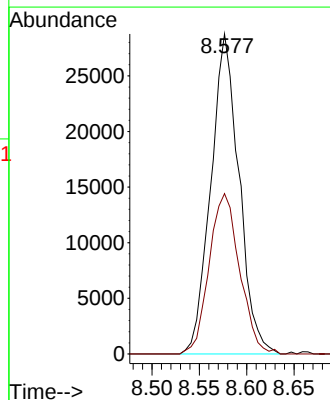
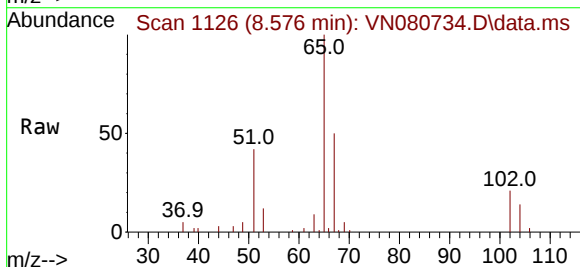
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBL02

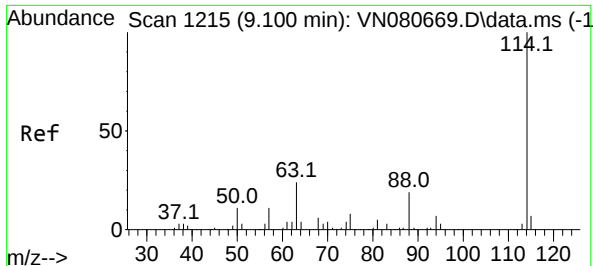
Tgt Ion:128 Resp: 11966
Ion Ratio Lower Upper
128 100
49 0.0 0.0 403.7
130 123.8 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 30.819 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Tgt Ion: 65 Resp: 59553
Ion Ratio Lower Upper
65 100
67 53.9 43.2 64.8

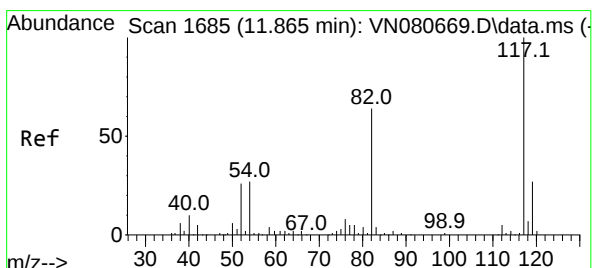
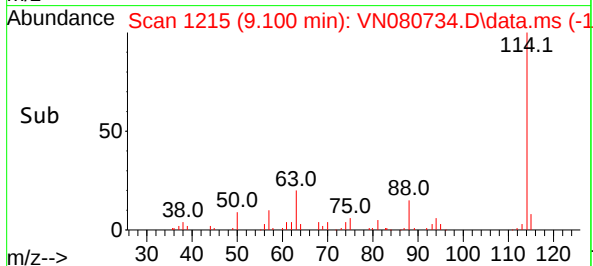
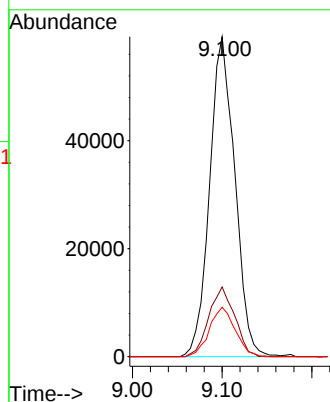
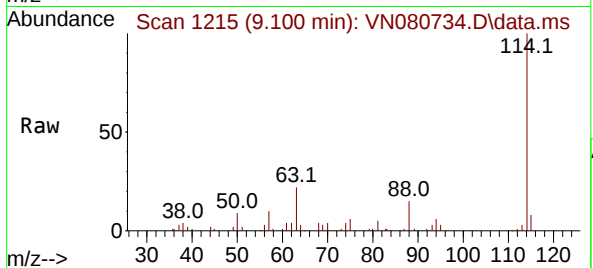




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 115670
Delta R.T. -0.000 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

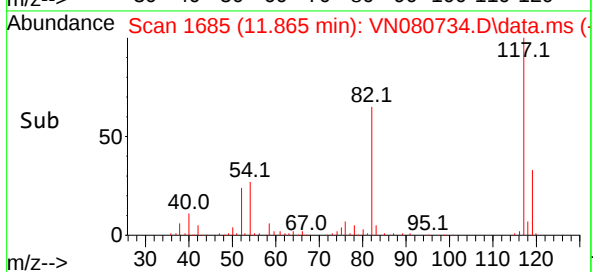
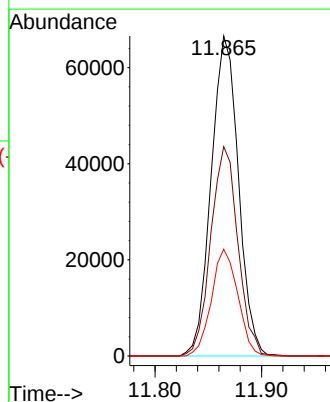
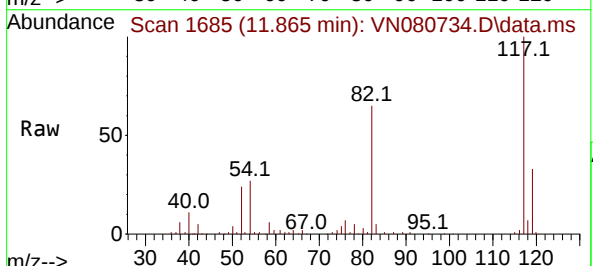
Instrument :
MSVOA_N
ClientSampleId :
VN0122WBL02

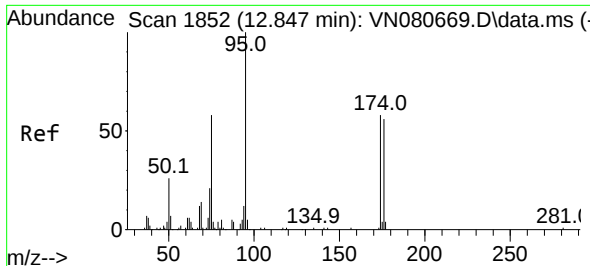
Tgt Ion:114 Resp: 115670
Ion Ratio Lower Upper
114 100
63 22.4 15.9 23.9
88 15.8 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Tgt Ion:117 Resp: 118422
Ion Ratio Lower Upper
117 100
82 65.1 46.6 69.8
119 32.2 25.4 38.2

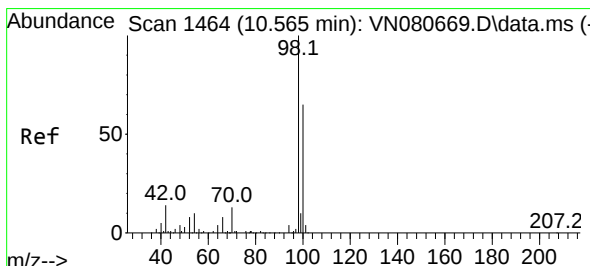
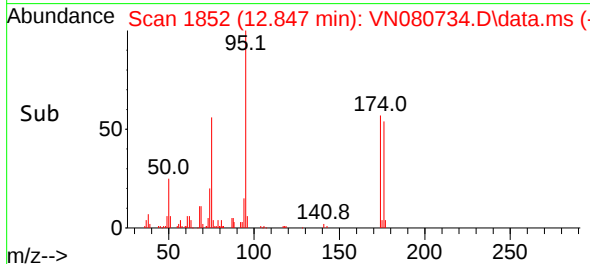
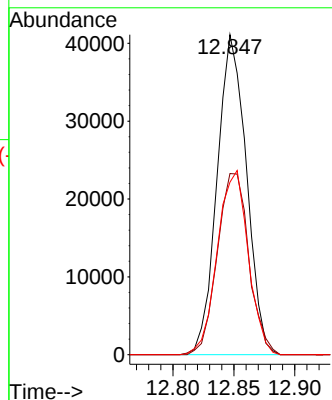
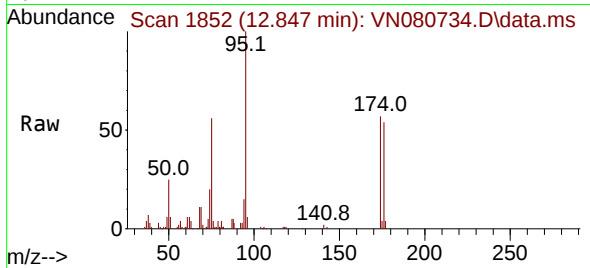




#60
4-Bromofluorobenzene
Concen: 26.253 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN0122WBL02

Tgt Ion: 95 Resp: 68774
Ion Ratio Lower Upper
95 100
174 61.0 60.5 90.7
176 60.6 57.8 86.6



#63
Toluene-d8
Concen: 30.572 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080734.D
Acq: 22 Jan 2024 12:42

Tgt Ion: 98 Resp: 158889
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1

