

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020923\
 Data File : VN076598.D
 Acq On : 09 Feb 2023 19:26
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 10 04:17:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 04:11:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.822	128	26307	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.104	114	191837	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.868	117	189431	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.580	65	96555	37.050	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	123.500%#
60) 4-Bromofluorobenzene	12.851	95	106062	30.097	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.333%
63) Toluene-d8	10.569	98	211431	20.950	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	69.833%#

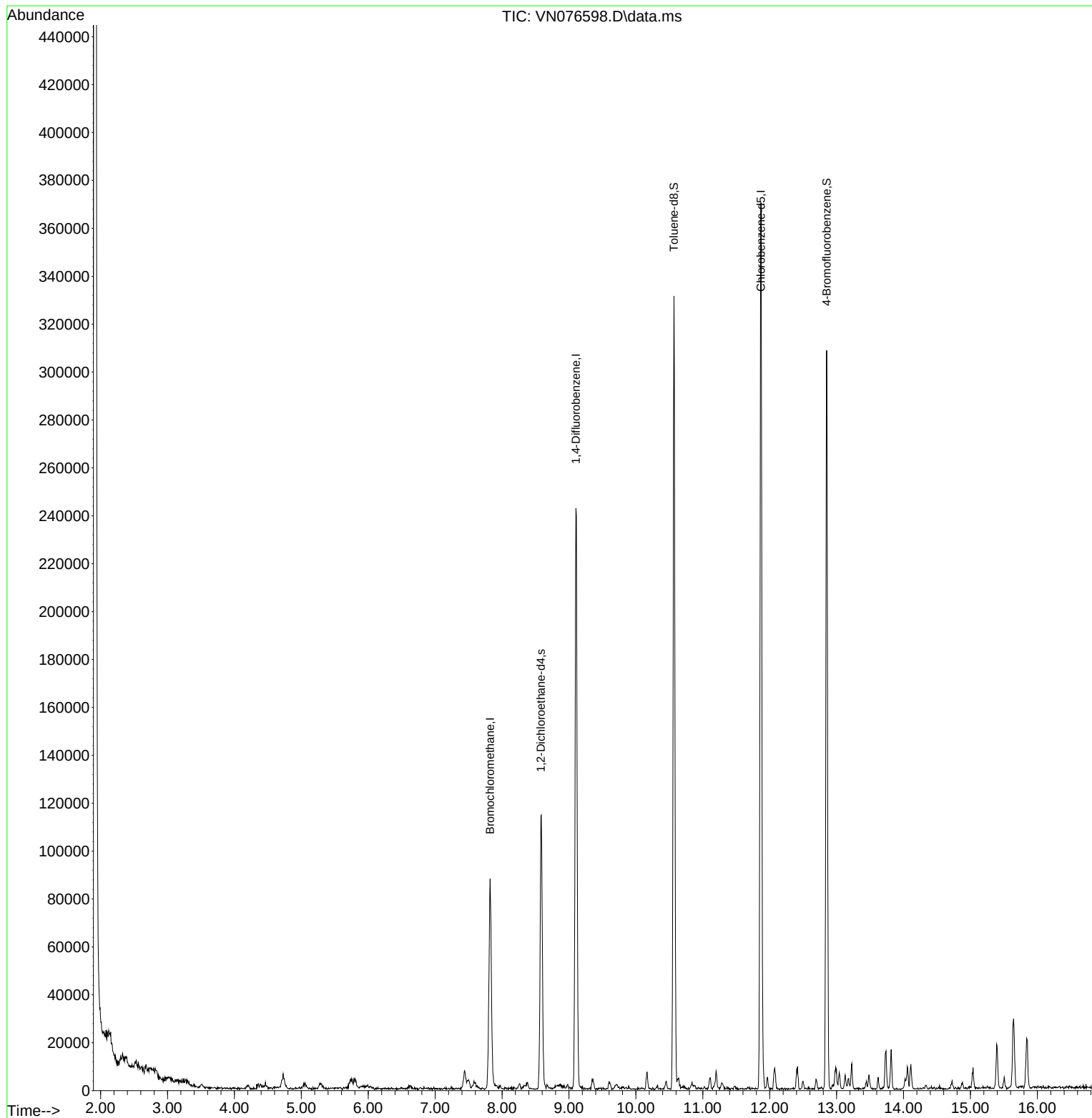
Target Compounds	Qvalue

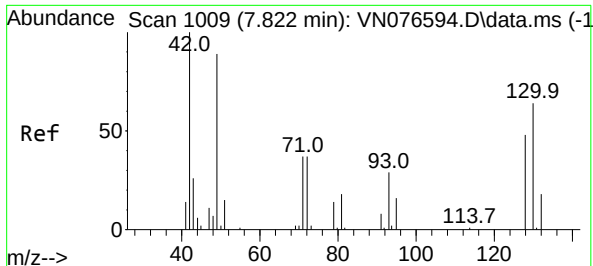
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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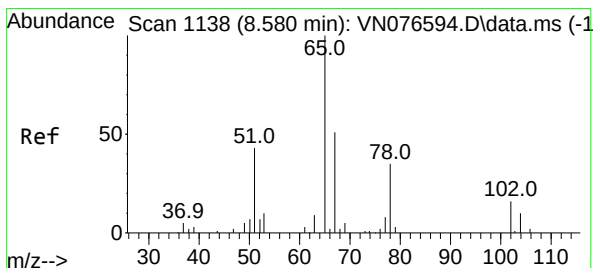
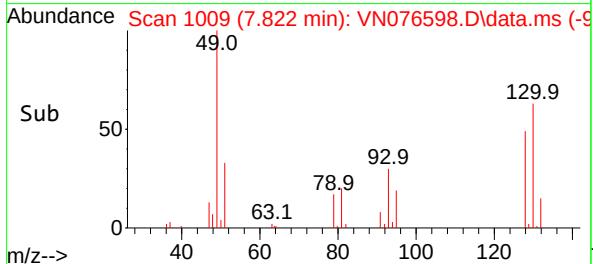
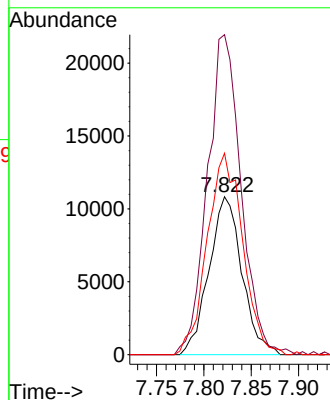
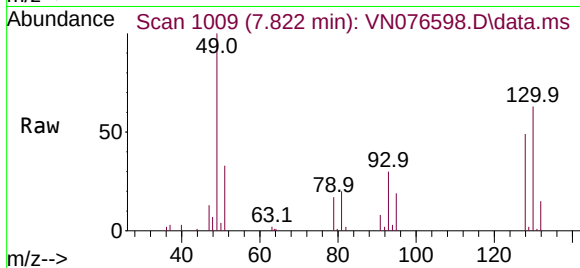




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.822 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VN076598.D
Acq: 09 Feb 2023 19:26

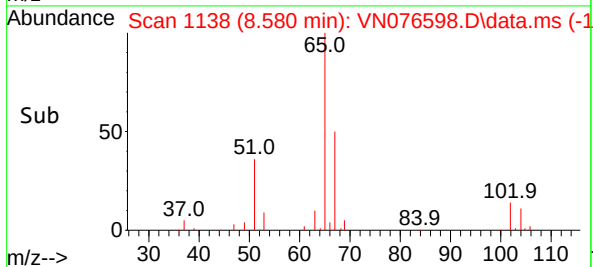
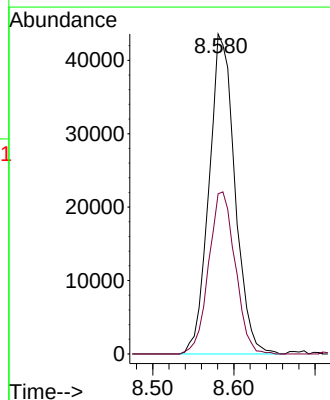
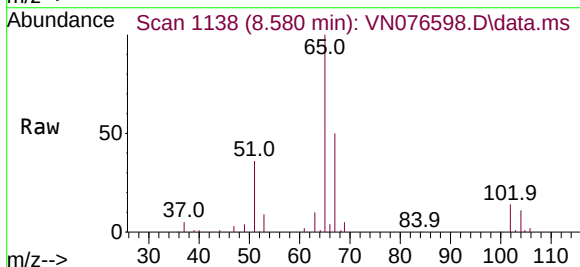
Instrument :
MSVOA_N
ClientSampleId :
IBLK

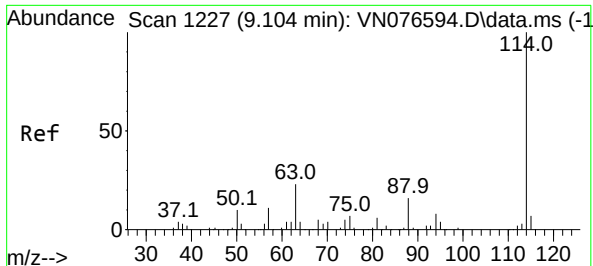
Tgt Ion:128 Resp: 26307
Ion Ratio Lower Upper
128 100
49 206.2 0.0 492.0
130 137.2 0.0 313.3



#27
1,2-Dichloroethane-d4
Concen: 37.050 ug/l
RT: 8.580 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VN076598.D
Acq: 09 Feb 2023 19:26

Tgt Ion: 65 Resp: 96555
Ion Ratio Lower Upper
65 100
67 51.8 45.2 67.8

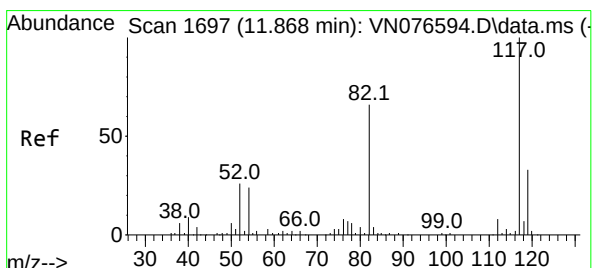
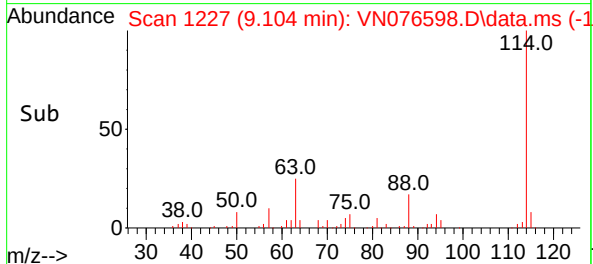
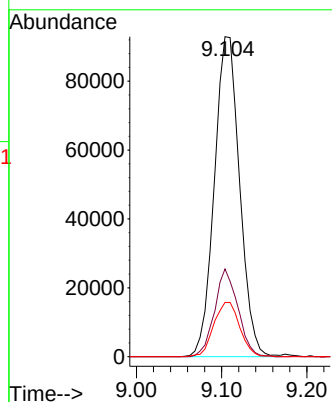
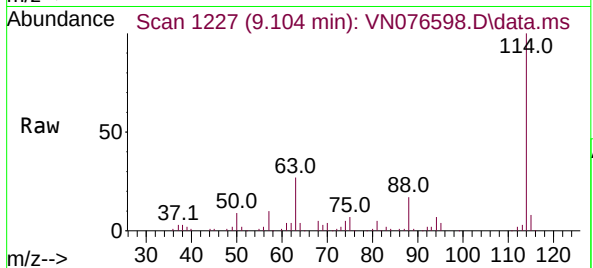




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VN076598.D
Acq: 09 Feb 2023 19:26

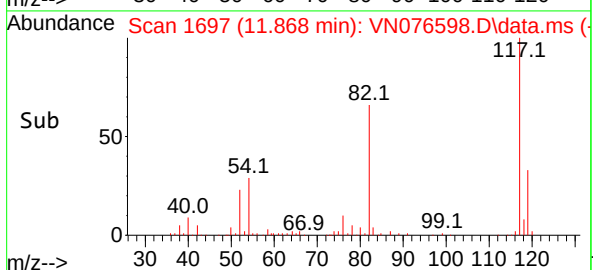
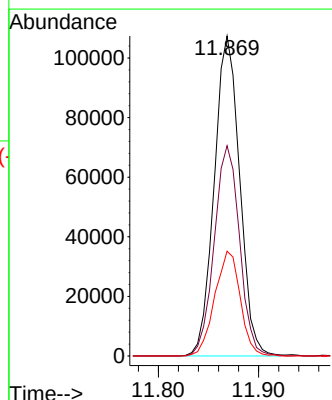
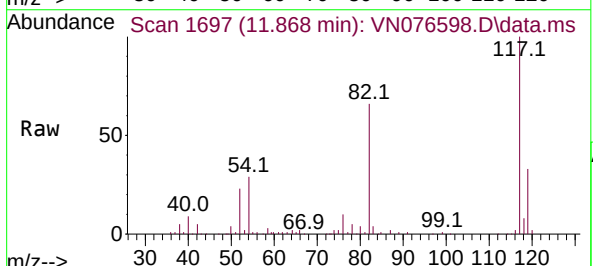
Instrument :
MSVOA_N
ClientSampleId :
IBLK

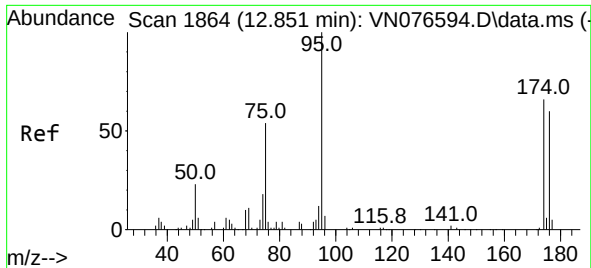
Tgt Ion:114 Resp: 191837
Ion Ratio Lower Upper
114 100
63 25.2 16.6 25.0#
88 17.4 12.2 18.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.868 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VN076598.D
Acq: 09 Feb 2023 19:26

Tgt Ion:117 Resp: 189431
Ion Ratio Lower Upper
117 100
82 65.3 44.6 67.0
119 32.8 25.6 38.4

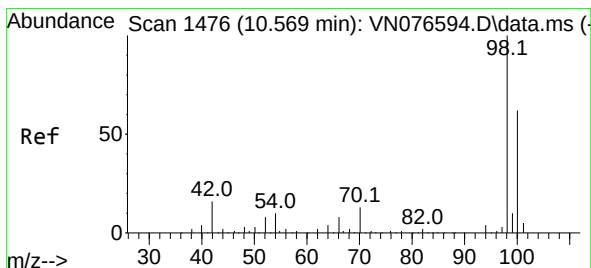
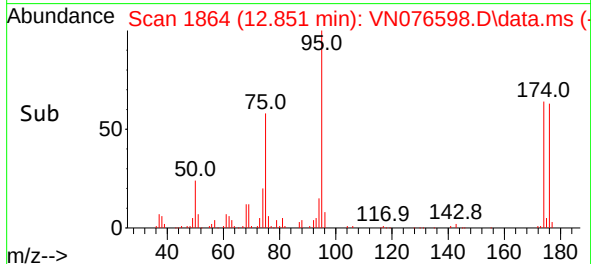
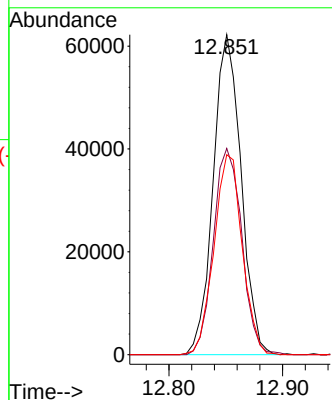
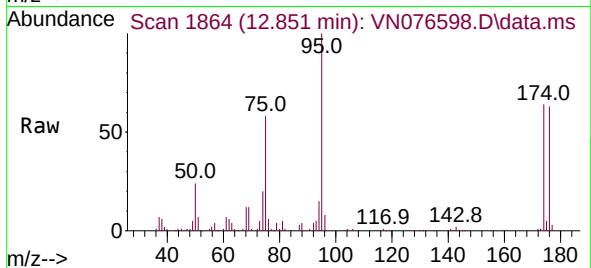




#60
4-Bromofluorobenzene
Concen: 30.097 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN076598.D
Acq: 09 Feb 2023 19:26

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 106062
Ion Ratio Lower Upper
95 100
174 65.7 57.8 86.8
176 63.4 57.0 85.4



#63
Toluene-d8
Concen: 20.950 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN076598.D
Acq: 09 Feb 2023 19:26

Tgt Ion: 98 Resp: 211431
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

