

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083875.D
 Acq On : 13 Sep 2024 17:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 13 23:54:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	24464	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	138690	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	120661	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	70525	31.538	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.133%
60) 4-Bromofluorobenzene	12.847	95	57143	27.478	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.600%
63) Toluene-d8	10.571	98	169621	30.360	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.200%

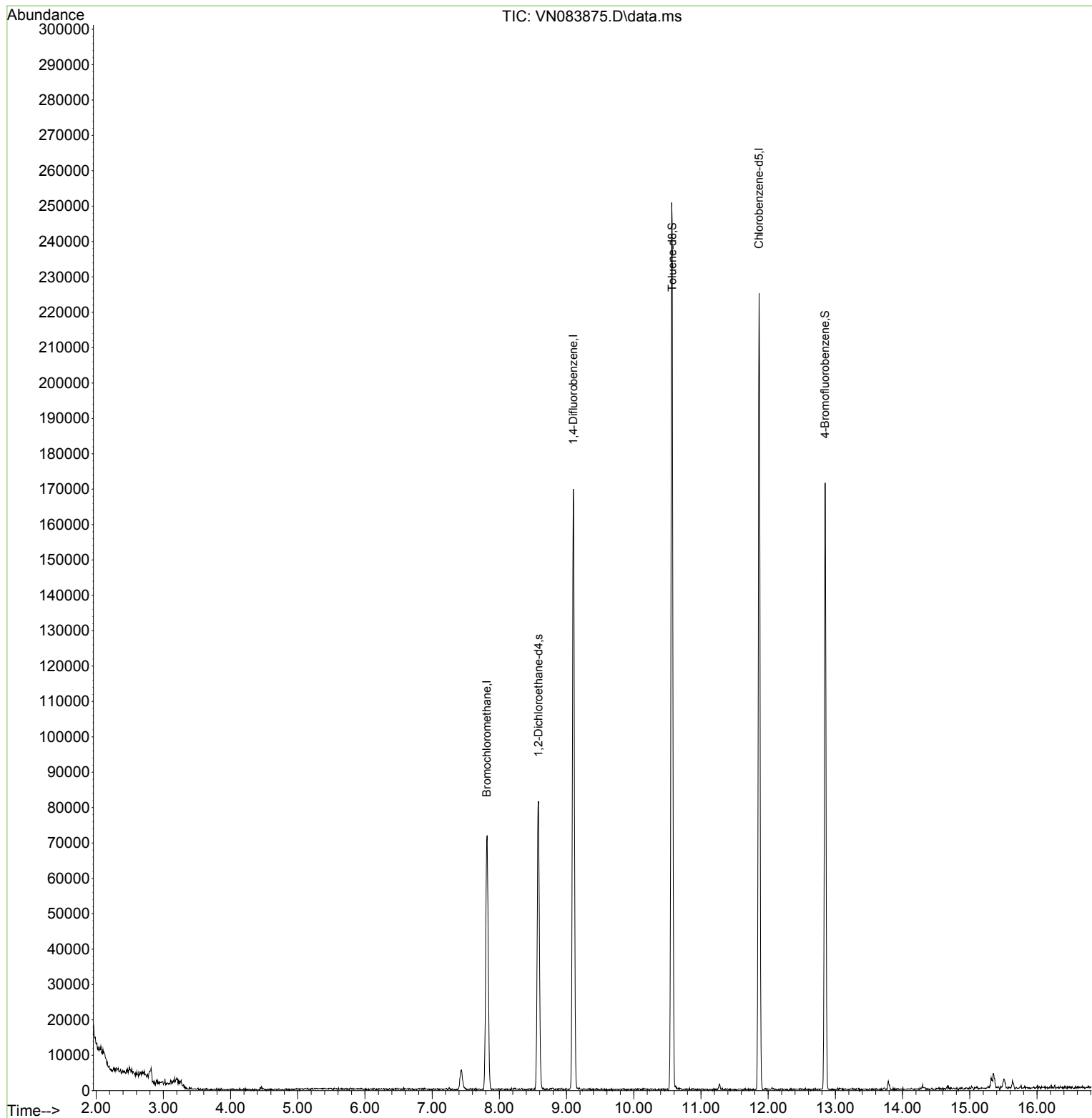
Target Compounds	Qvalue

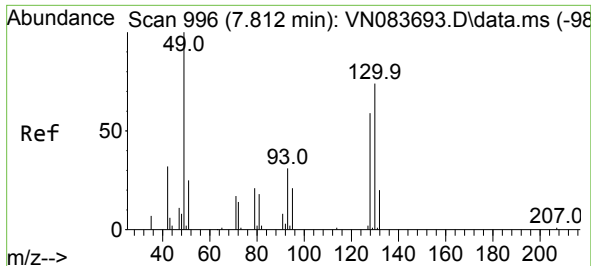
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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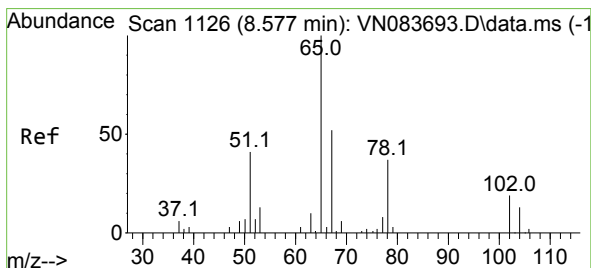
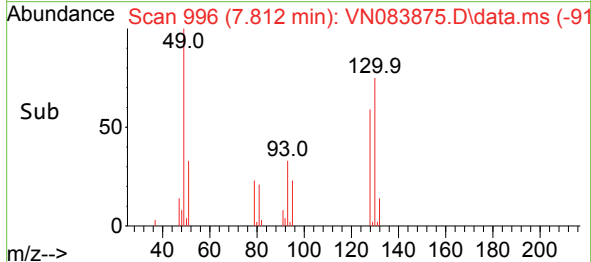
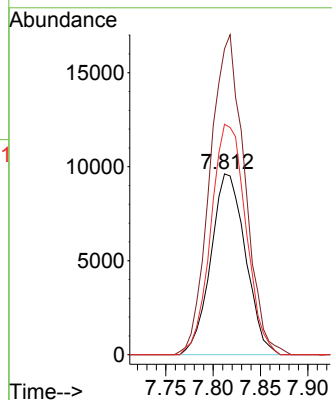
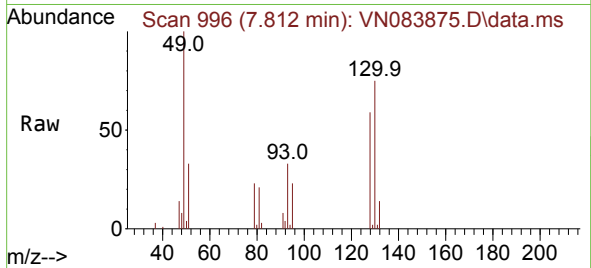




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083875.D
Acq: 13 Sep 2024 17:19

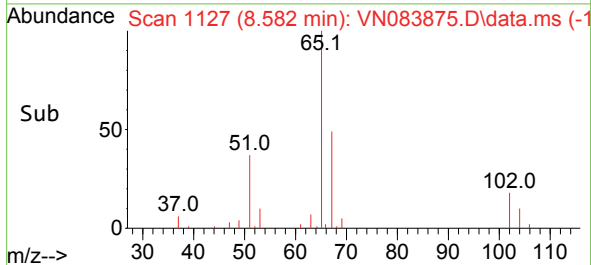
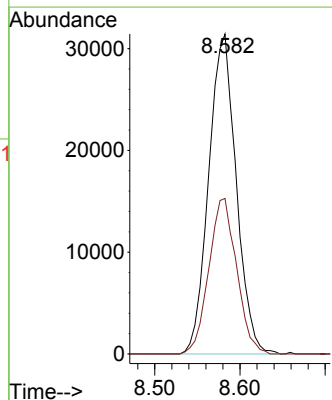
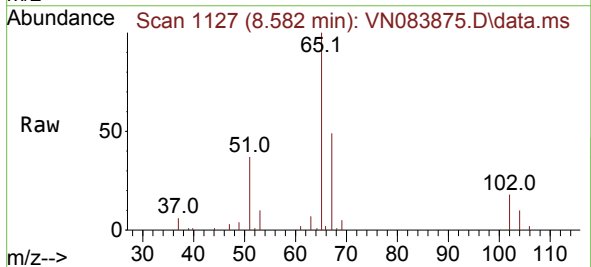
Instrument :
MSVOA_N
ClientSampleId :
IBLK

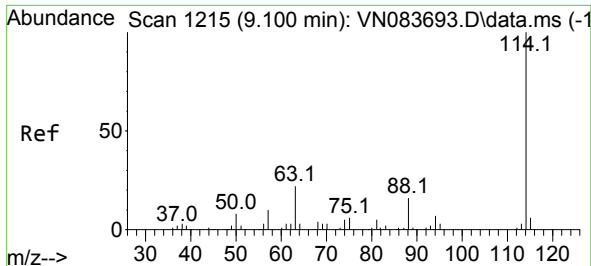
Tgt Ion:128 Resp: 24464
Ion Ratio Lower Upper
128 100
49 177.4 0.0 403.7
130 128.7 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 31.538 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN083875.D
Acq: 13 Sep 2024 17:19

Tgt Ion: 65 Resp: 70525
Ion Ratio Lower Upper
65 100
67 49.1 43.2 64.8

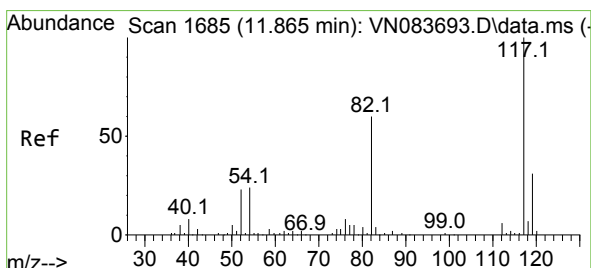
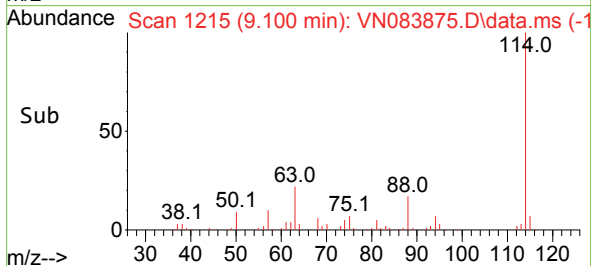
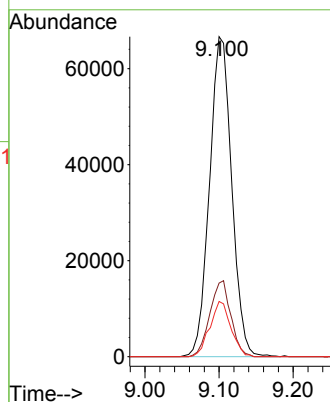
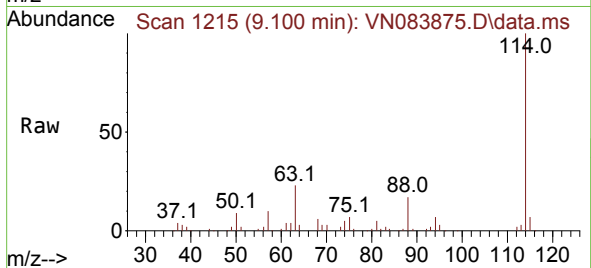




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083875.D
Acq: 13 Sep 2024 17:19

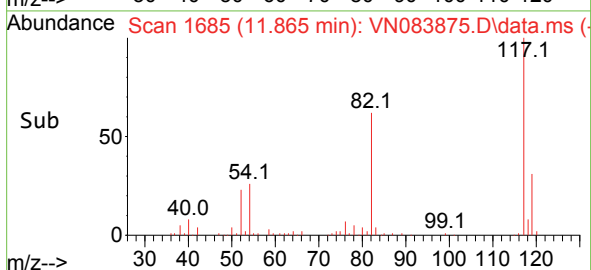
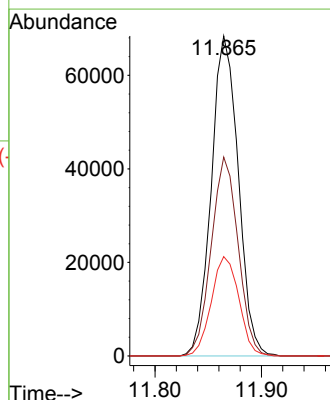
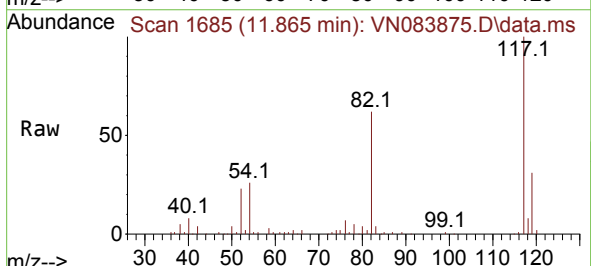
Instrument :
MSVOA_N
ClientSampleId :
IBLK

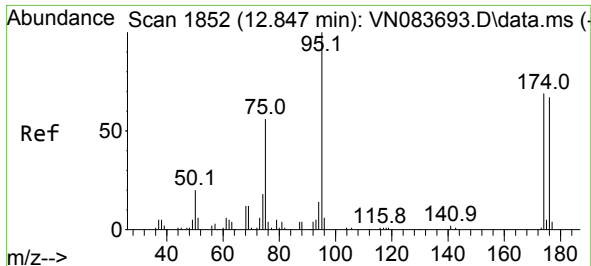
Tgt Ion:114 Resp: 138690
Ion Ratio Lower Upper
114 100
63 22.4 15.9 23.9
88 16.4 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083875.D
Acq: 13 Sep 2024 17:19

Tgt Ion:117 Resp: 120661
Ion Ratio Lower Upper
117 100
82 61.9 46.6 69.8
119 31.7 25.4 38.2

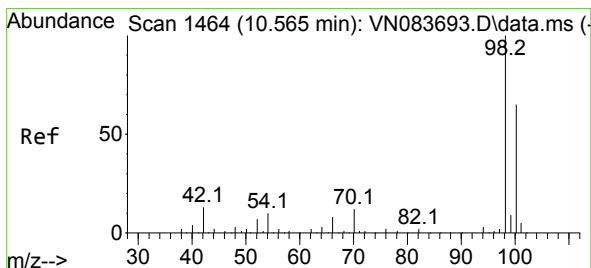
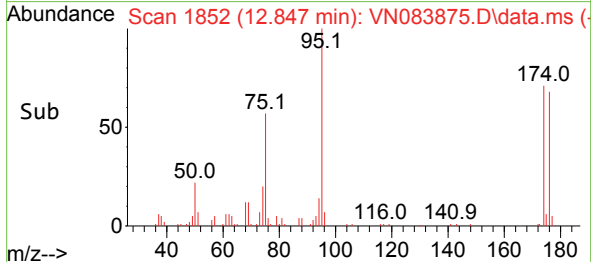
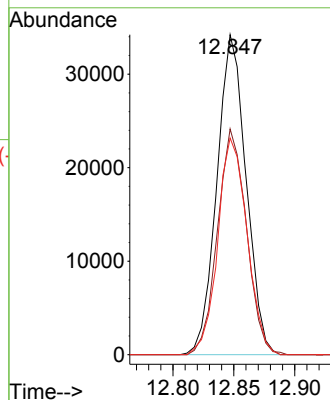
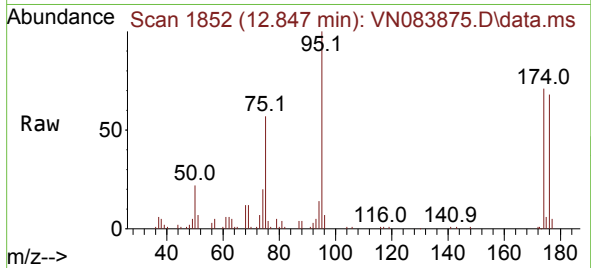




#60
4-Bromofluorobenzene
Concen: 27.478 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083875.D
Acq: 13 Sep 2024 17:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 57143
Ion Ratio Lower Upper
95 100
174 69.8 60.5 90.7
176 67.9 57.8 86.6



#63
Toluene-d8
Concen: 30.360 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083875.D
Acq: 13 Sep 2024 17:19

Tgt Ion: 98 Resp: 169621
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

