

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077617.D
 Acq On : 08 May 2023 15:08
 Operator : JC\MD
 Sample : VN0508WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBL01

Quant Time: May 09 06:02:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	107126	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	635368	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	519936	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	237421	30.818	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.733%
60) 4-Bromofluorobenzene	12.854	95	207503	25.099	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.667%
63) Toluene-d8	10.572	98	755099	31.444	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.800%

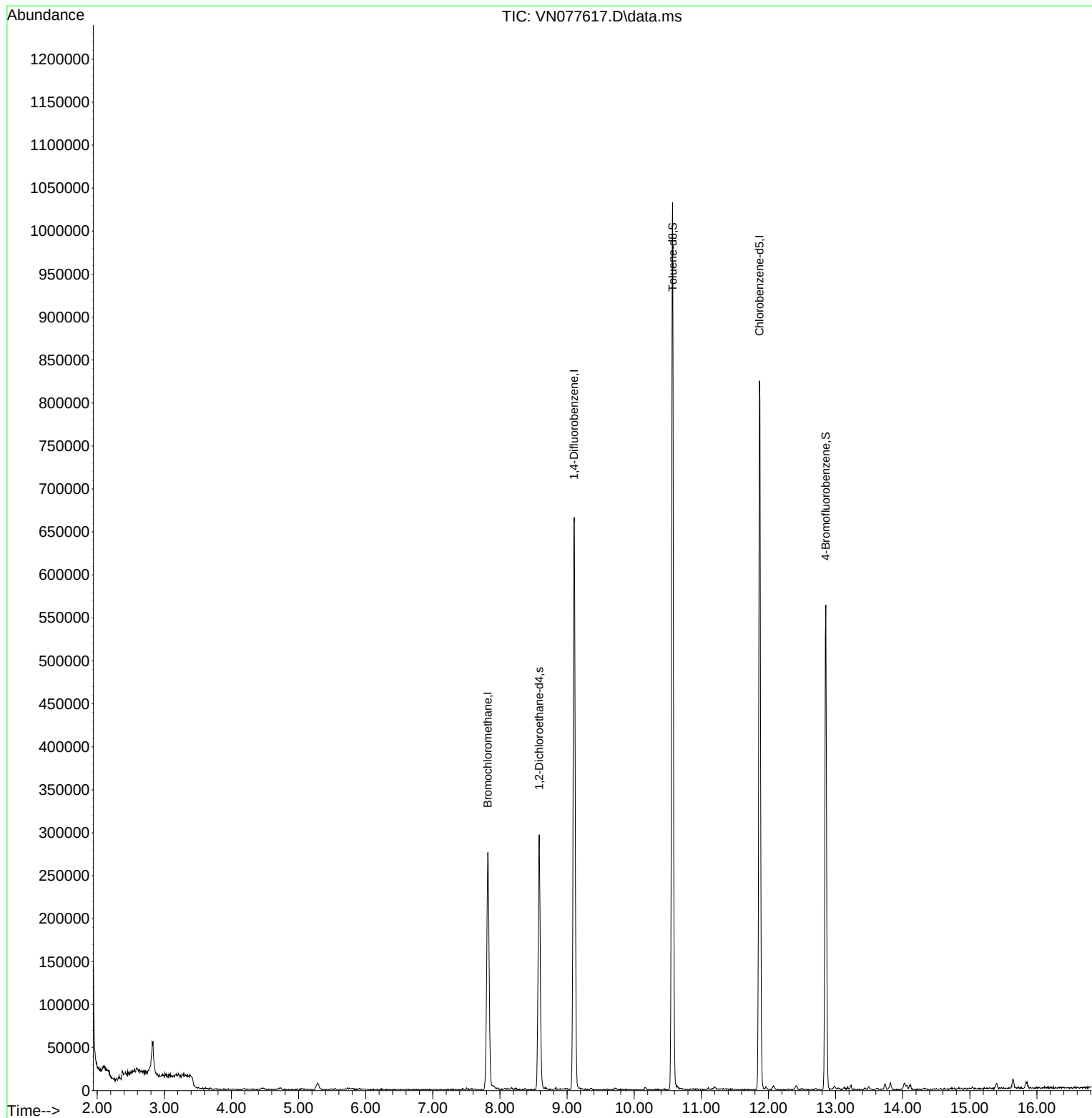
Target Compounds	Qvalue

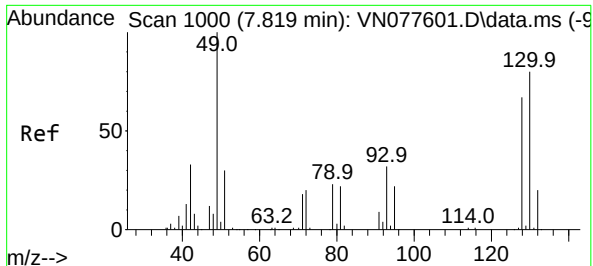
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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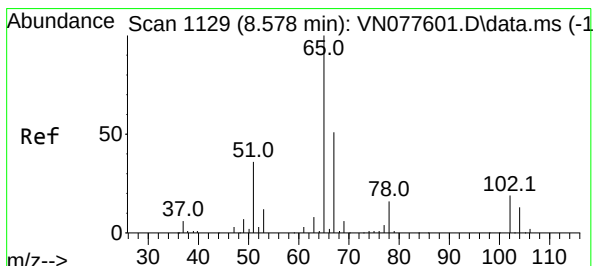
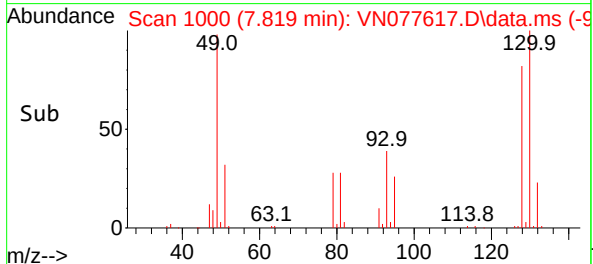
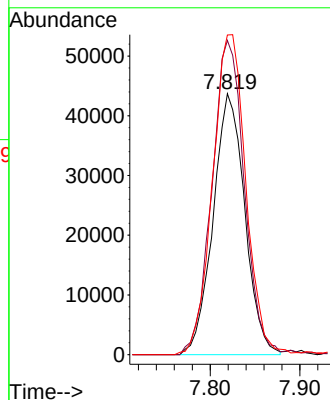
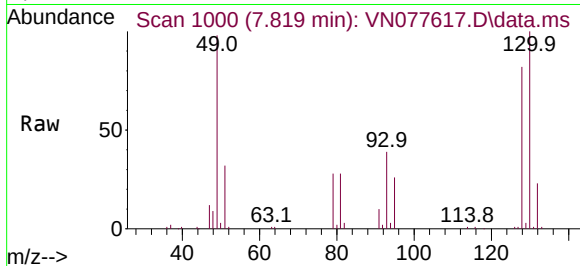




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 107126
Delta R.T. 0.000 min
Lab File: VN077617.D
Acq: 08 May 2023 15:08

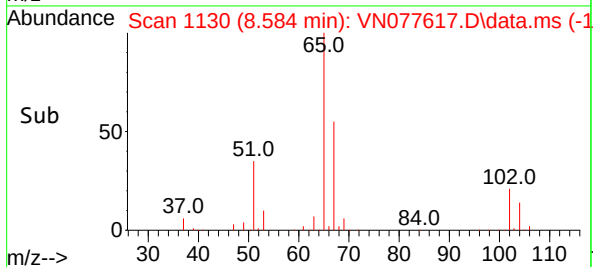
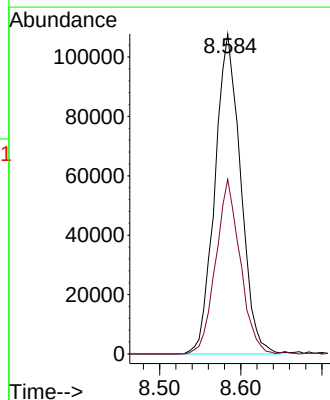
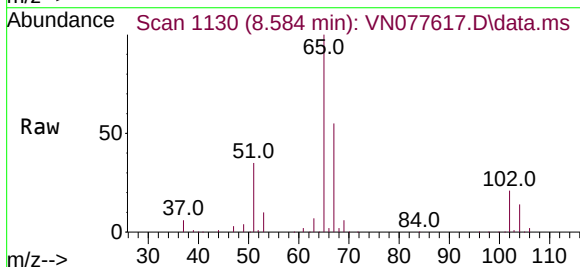
Instrument :
MSVOA_N
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VN0508WBL01

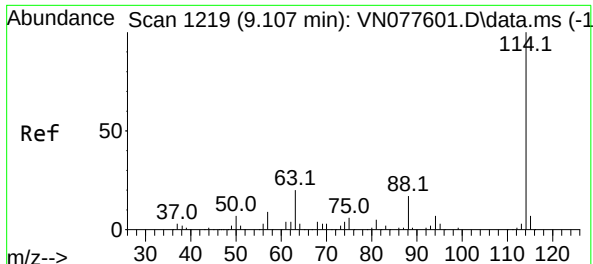
Tgt Ion	Ratio	Lower	Upper
128	100		
49	122.9	0.0	369.8
130	128.0	0.0	317.8



#27
1,2-Dichloroethane-d4
Concen: 30.818 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN077617.D
Acq: 08 May 2023 15:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	41.3	61.9

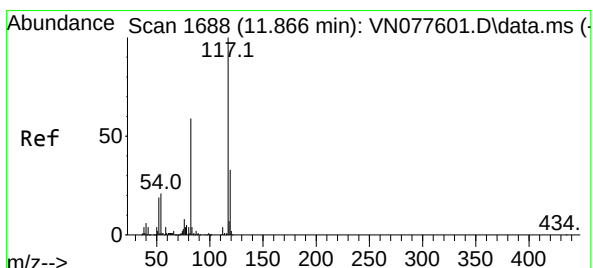
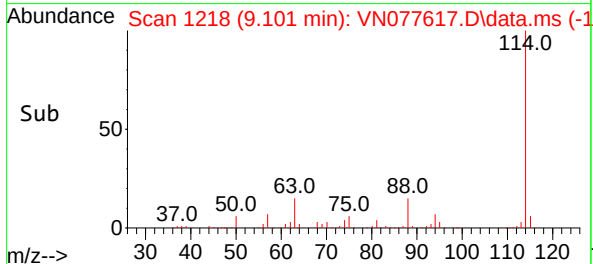
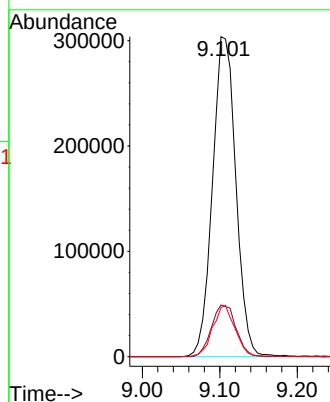
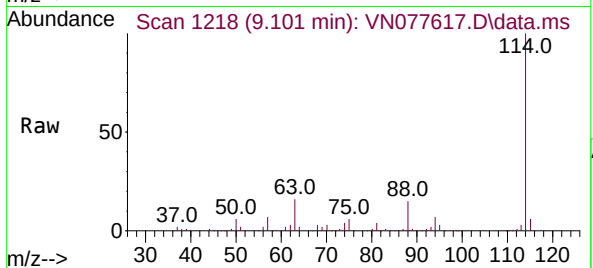




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.101 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077617.D
Acq: 08 May 2023 15:08

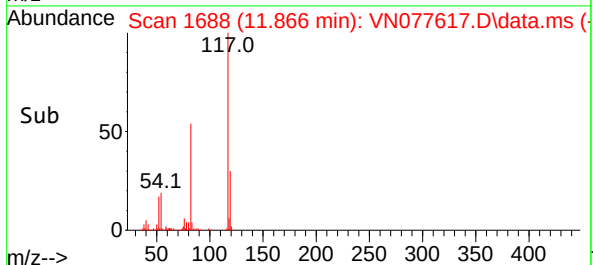
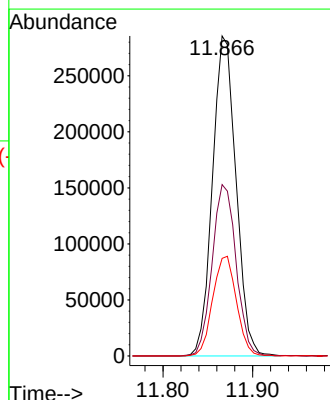
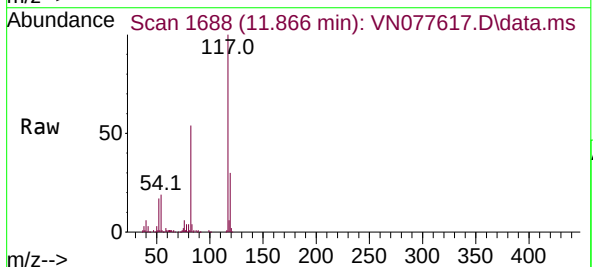
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBL01

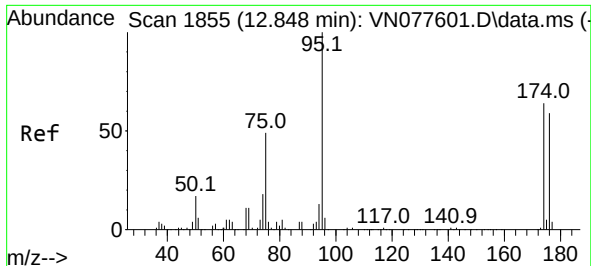
Tgt Ion:114 Resp: 635368
Ion Ratio Lower Upper
114 100
63 17.0 15.8 23.6
88 15.2 13.0 19.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077617.D
Acq: 08 May 2023 15:08

Tgt Ion:117 Resp: 519936
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 31.4 26.6 39.8

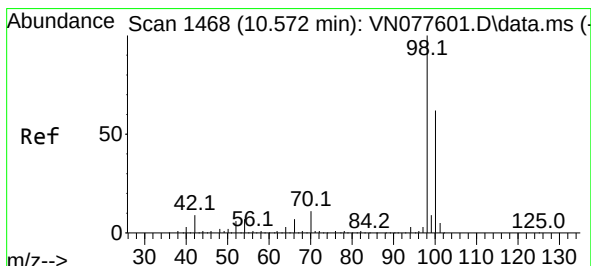
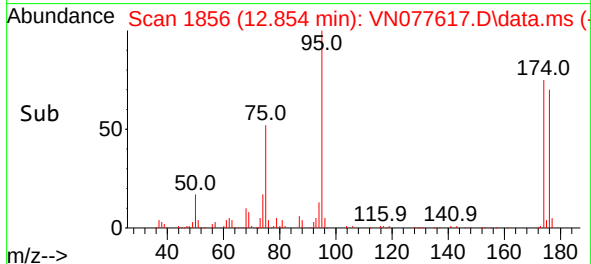
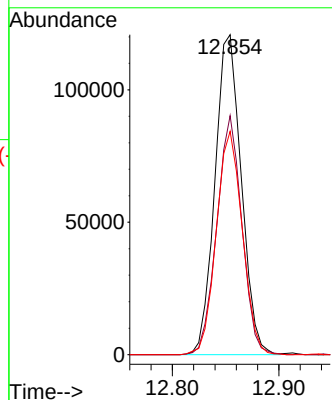
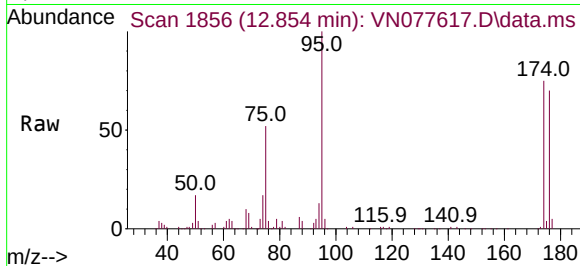




#60
4-Bromofluorobenzene
Concen: 25.099 ug/l
RT: 12.854 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077617.D
Acq: 08 May 2023 15:08

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBL01

Tgt Ion: 95 Resp: 207503
Ion Ratio Lower Upper
95 100
174 70.8 53.4 80.0
176 69.0 50.0 75.0



#63
Toluene-d8
Concen: 31.444 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077617.D
Acq: 08 May 2023 15:08

Tgt Ion: 98 Resp: 755099
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

