

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050824\
 Data File : VN082027.D
 Acq On : 08 May 2024 11:21
 Operator : JC\MD
 Sample : VN0508WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBL01

Quant Time: May 09 01:02:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	32096	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	193745	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	161954	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	86579	32.219	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.400%
60) 4-Bromofluorobenzene	12.847	95	72966	27.072	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.233%
63) Toluene-d8	10.571	98	237304	30.854	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.833%

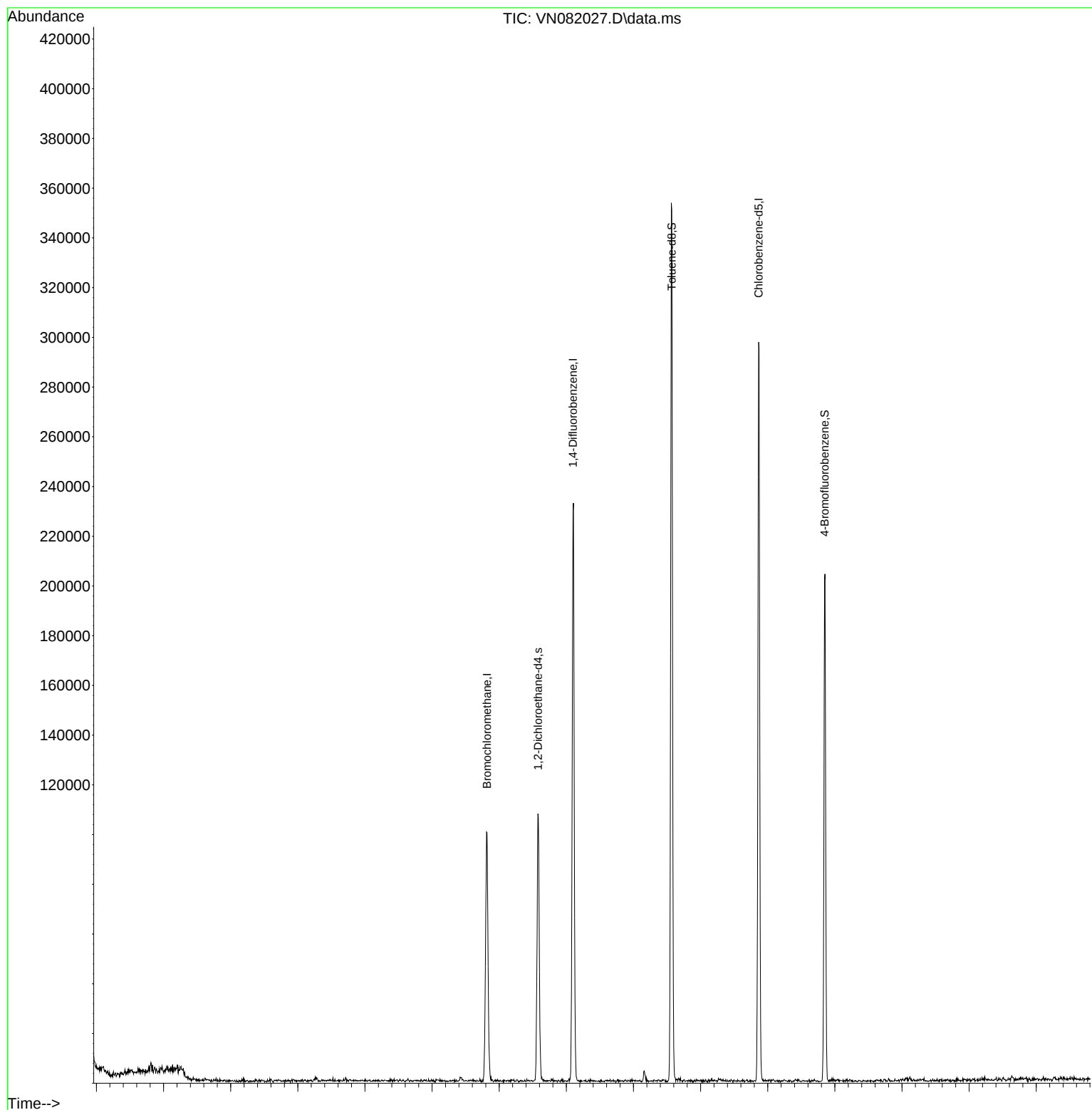
Target Compounds	Qvalue

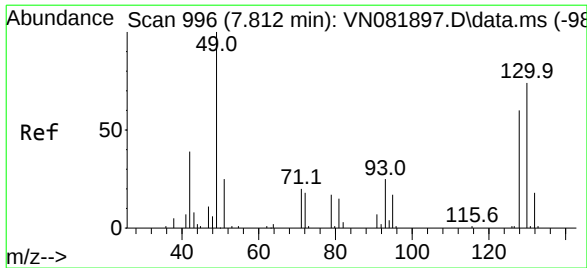
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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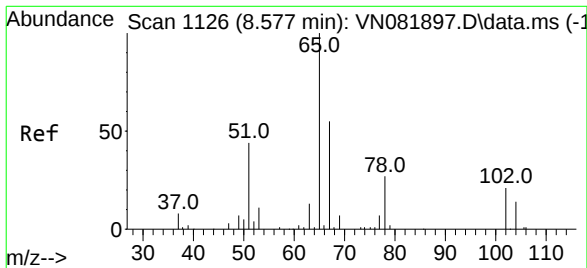
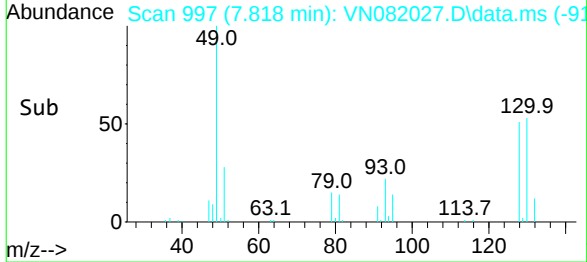
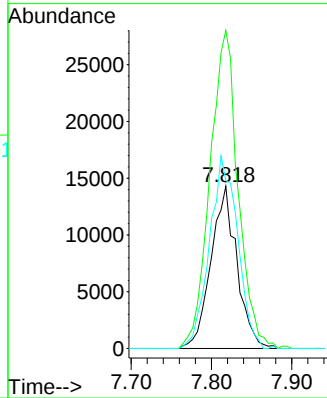
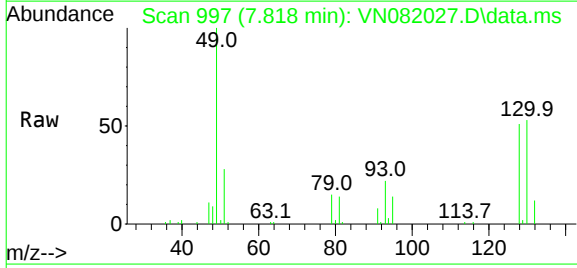




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082027.D
Acq: 08 May 2024 11:21

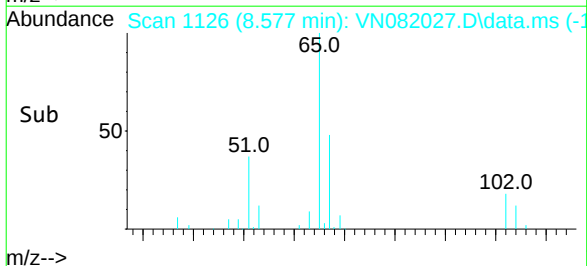
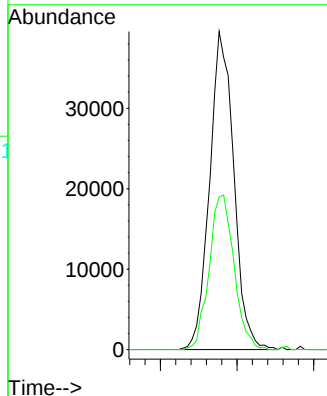
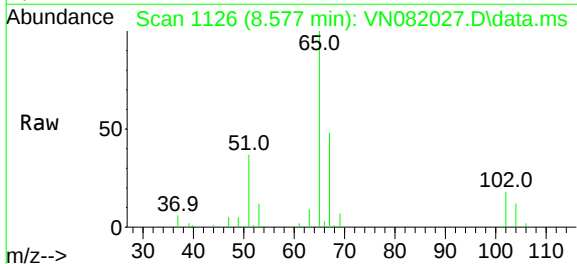
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBL01

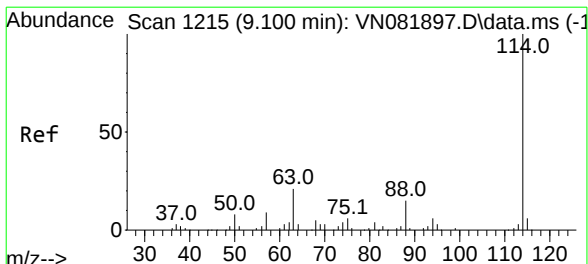
Tgt Ion:128 Resp: 32096
Ion Ratio Lower Upper
128 100
49 212.0 0.0 403.7
130 128.4 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 32.219 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082027.D
Acq: 08 May 2024 11:21

Tgt Ion: 65 Resp: 86579
Ion Ratio Lower Upper
65 100
67 50.0 43.2 64.8

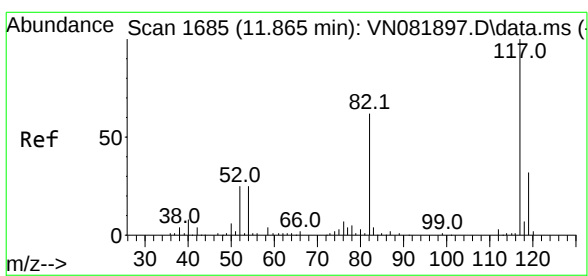
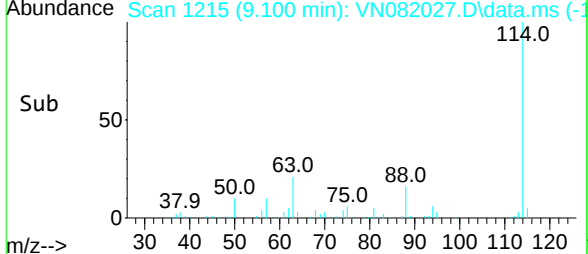
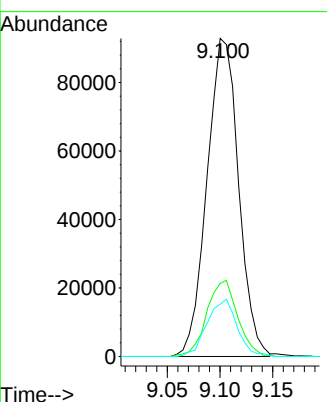
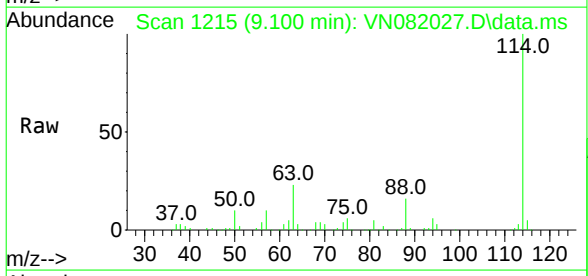




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN082027.D
 Acq: 08 May 2024 11:21

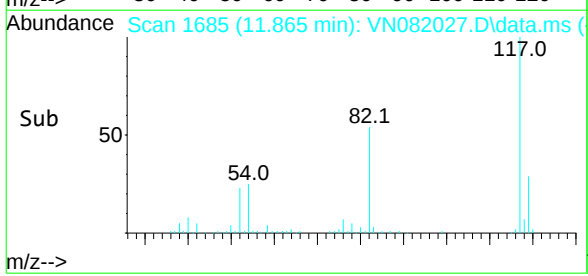
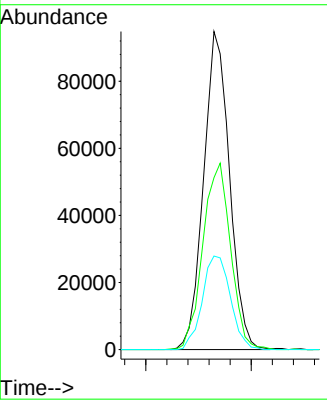
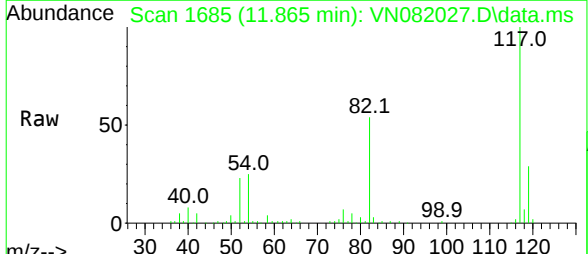
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 VN0508WBL01

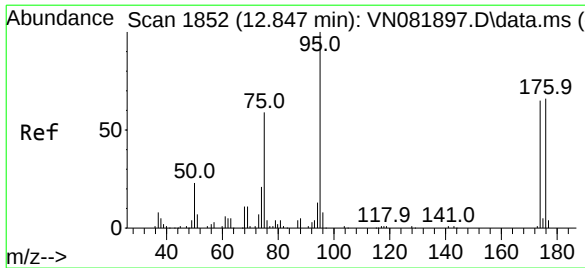
Tgt Ion:	114	Resp:	193745
Ion Ratio	Lower	Upper	
114	100		
63	23.4	15.9	23.9
88	17.1	12.7	19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082027.D
 Acq: 08 May 2024 11:21

Tgt Ion:	117	Resp:	161954
Ion Ratio	Lower	Upper	
117	100		
82	62.7	46.6	69.8
119	32.0	25.4	38.2

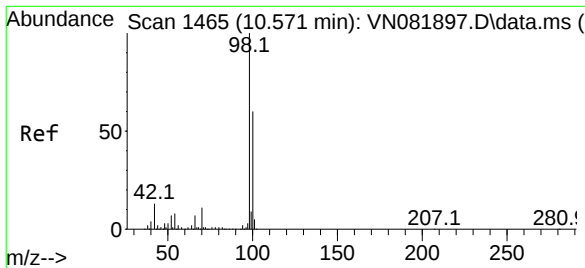
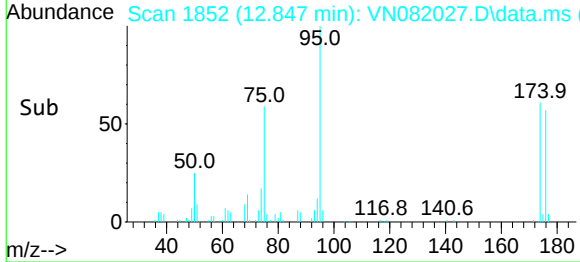
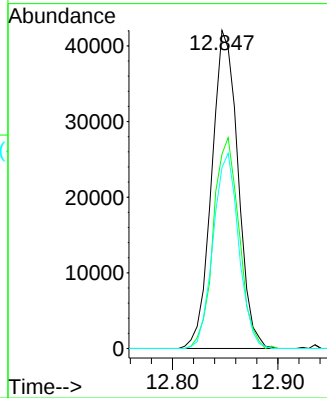
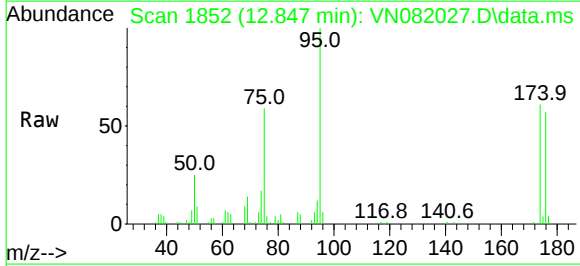




#60
4-Bromofluorobenzene
Concen: 27.072 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082027.D
Acq: 08 May 2024 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBL01

Tgt Ion: 95 Resp: 72966
Ion Ratio Lower Upper
95 100
174 64.4 60.5 90.7
176 59.3 57.8 86.6



#63
Toluene-d8
Concen: 30.854 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082027.D
Acq: 08 May 2024 11:21

Tgt Ion: 98 Resp: 237304
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1

