

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082092.D
 Acq On : 13 May 2024 13:34
 Operator : JC\MD
 Sample : P2452-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20240509

Quant Time: May 14 03:31:57 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	22867	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	137614	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	114726	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	63358	33.093	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.300%#
60) 4-Bromofluorobenzene	12.847	95	52776	27.642	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.133%
63) Toluene-d8	10.565	98	169224	31.060	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.533%

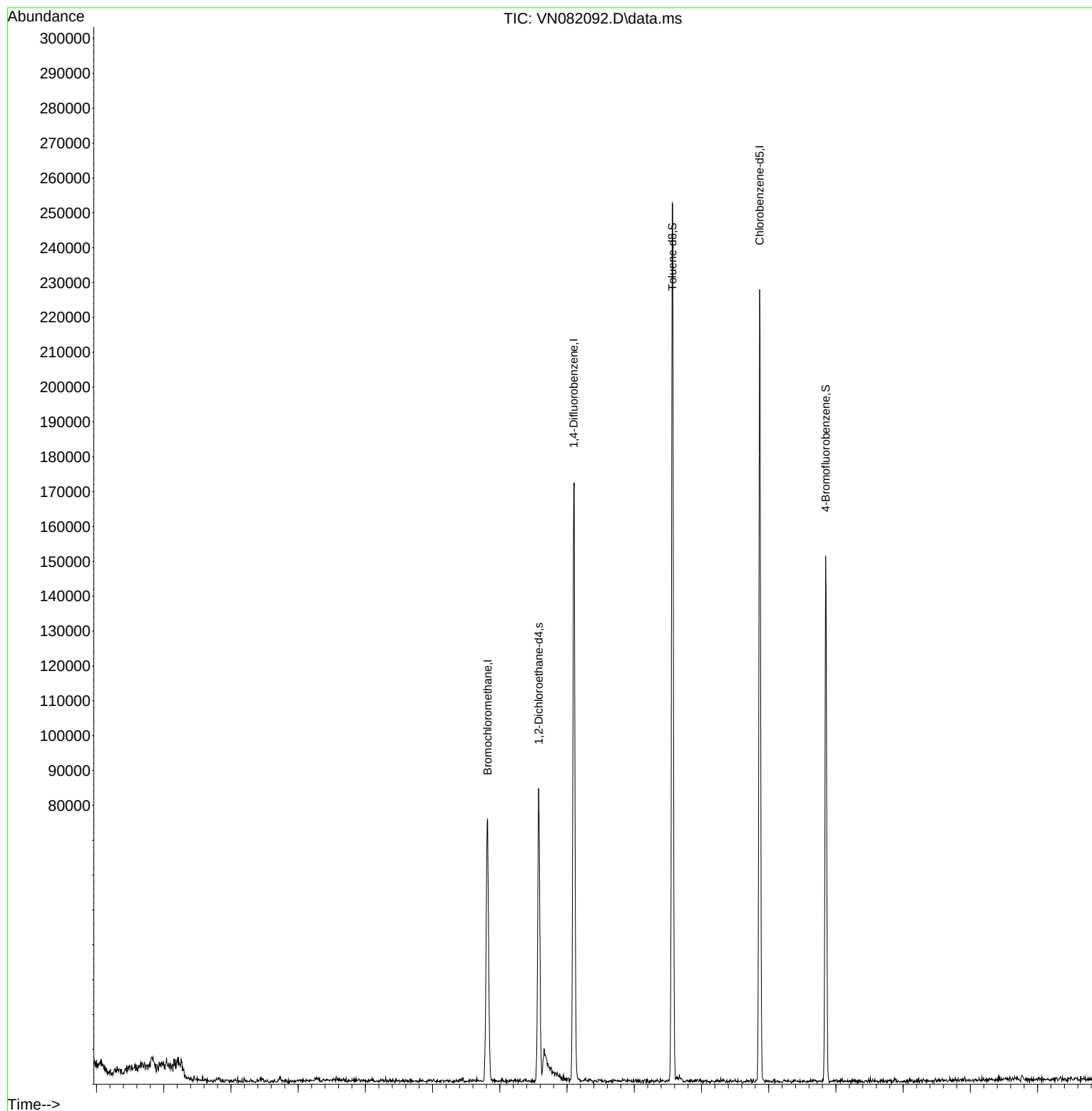
Target Compounds	Qvalue

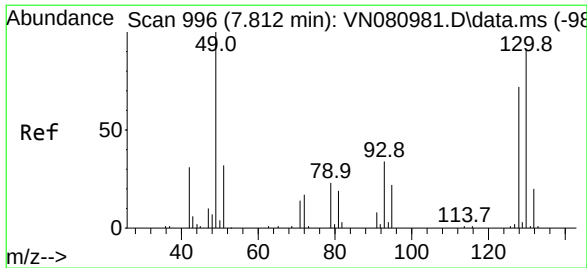
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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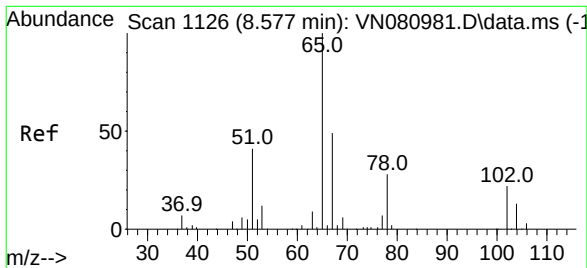
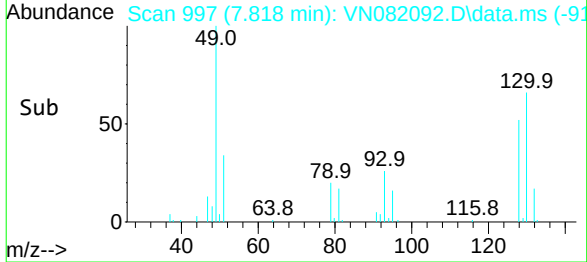
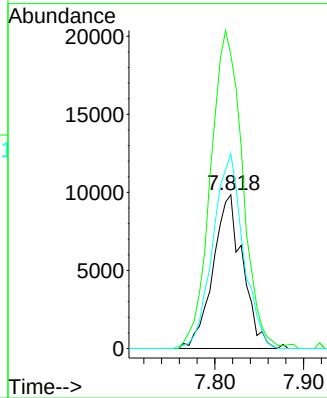
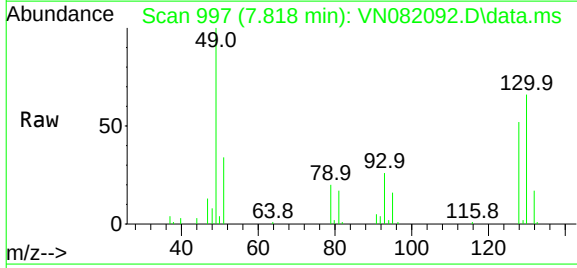




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082092.D
Acq: 13 May 2024 13:34

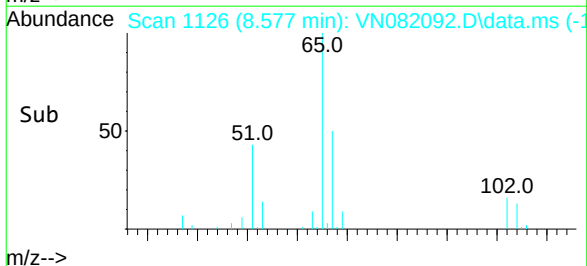
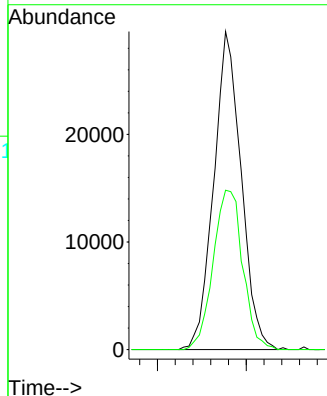
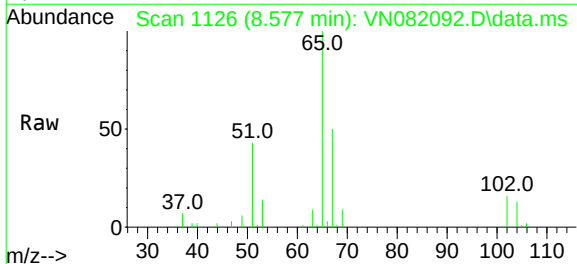
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20240509

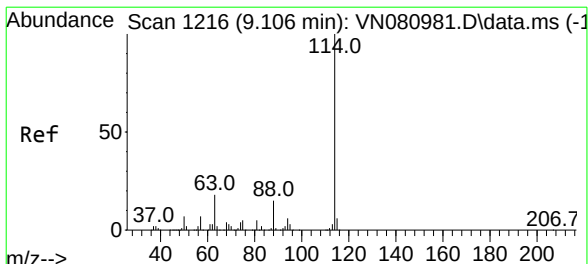
Tgt Ion:128 Resp: 22867
Ion Ratio Lower Upper
128 100
49 222.3 0.0 403.7
130 129.8 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 33.093 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082092.D
Acq: 13 May 2024 13:34

Tgt Ion: 65 Resp: 63358
Ion Ratio Lower Upper
65 100
67 53.9 43.2 64.8

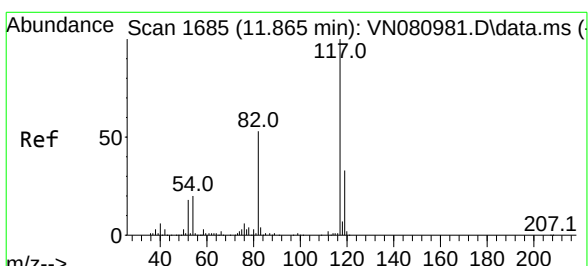
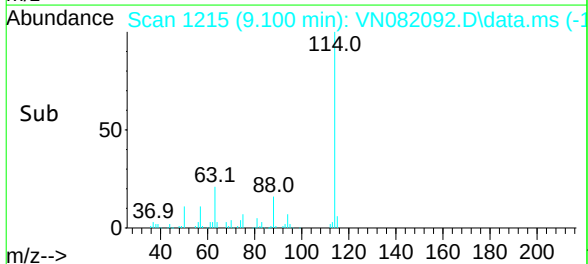
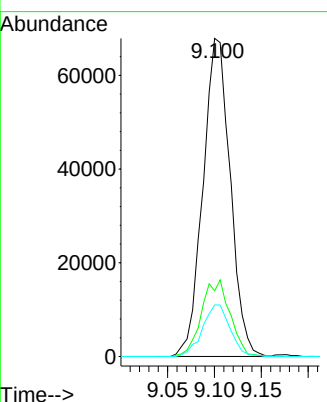
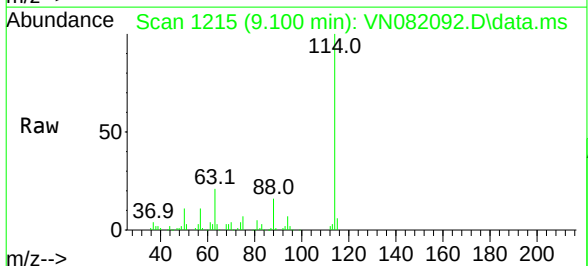




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082092.D
 Acq: 13 May 2024 13:34

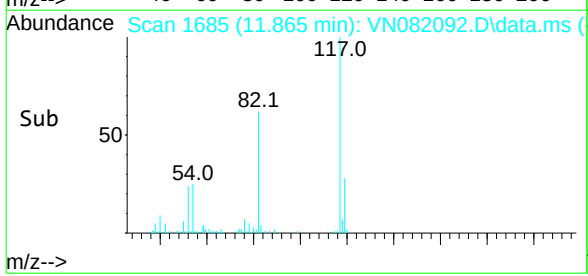
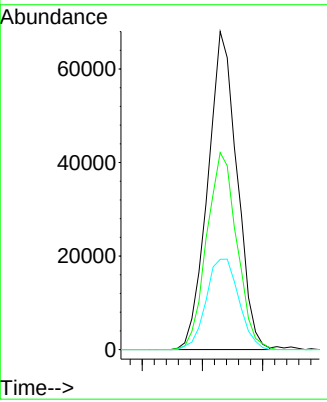
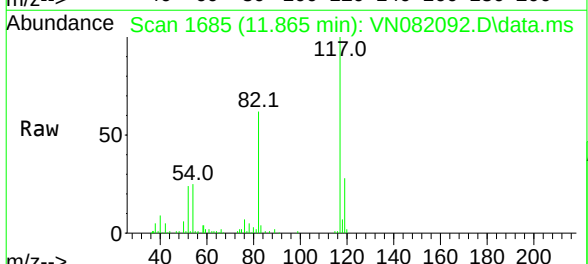
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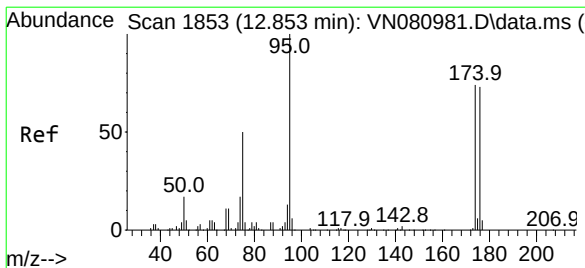
Tgt Ion:	114	Resp:	137614
Ion	Ratio	Lower	Upper
114	100		
63	25.1	15.9	23.9
88	16.4	12.7	19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN082092.D
 Acq: 13 May 2024 13:34

Tgt Ion:	117	Resp:	114726
Ion	Ratio	Lower	Upper
117	100		
82	63.8	46.6	69.8
119	31.8	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 27.642 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN082092.D

Acq: 13 May 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20240509

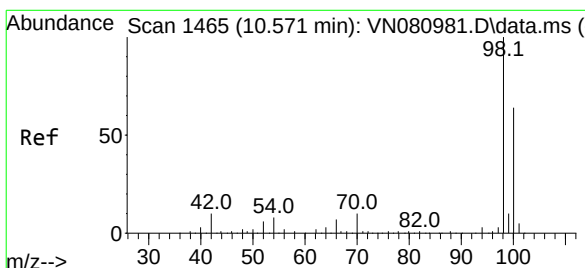
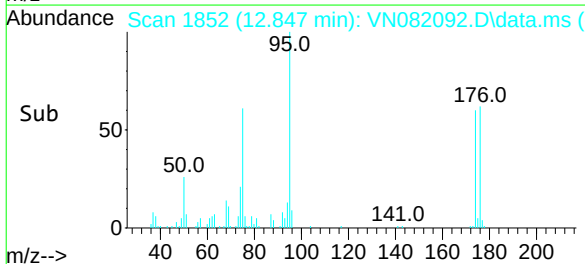
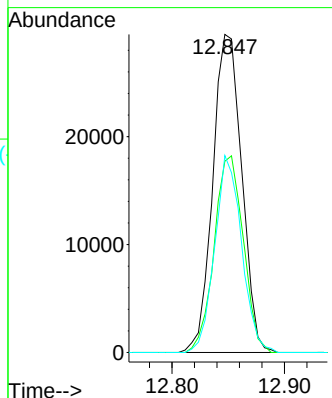
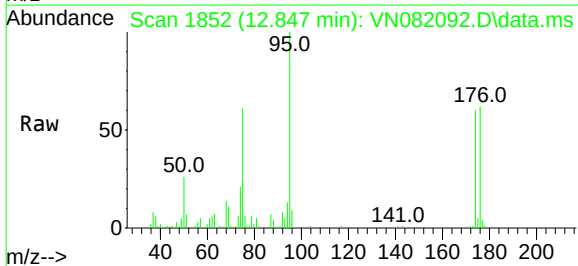
Tgt Ion: 95 Resp: 52776

Ion Ratio Lower Upper

95 100

174 62.0 60.5 90.7

176 57.4 57.8 86.6#



#63

Toluene-d8

Concen: 31.060 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN082092.D

Acq: 13 May 2024 13:34

Tgt Ion: 98 Resp: 169224

Ion Ratio Lower Upper

98 100

100 63.9 52.7 79.1

