

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082095.D
 Acq On : 13 May 2024 14:46
 Operator : JC\MD
 Sample : P2443-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240508035-05

Quant Time: May 14 03:32:48 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	22818	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	137786	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	114724	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	63640	33.312	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.033%#
60) 4-Bromofluorobenzene	12.853	95	50553	26.478	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.267%
63) Toluene-d8	10.565	98	171397	31.459	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.867%

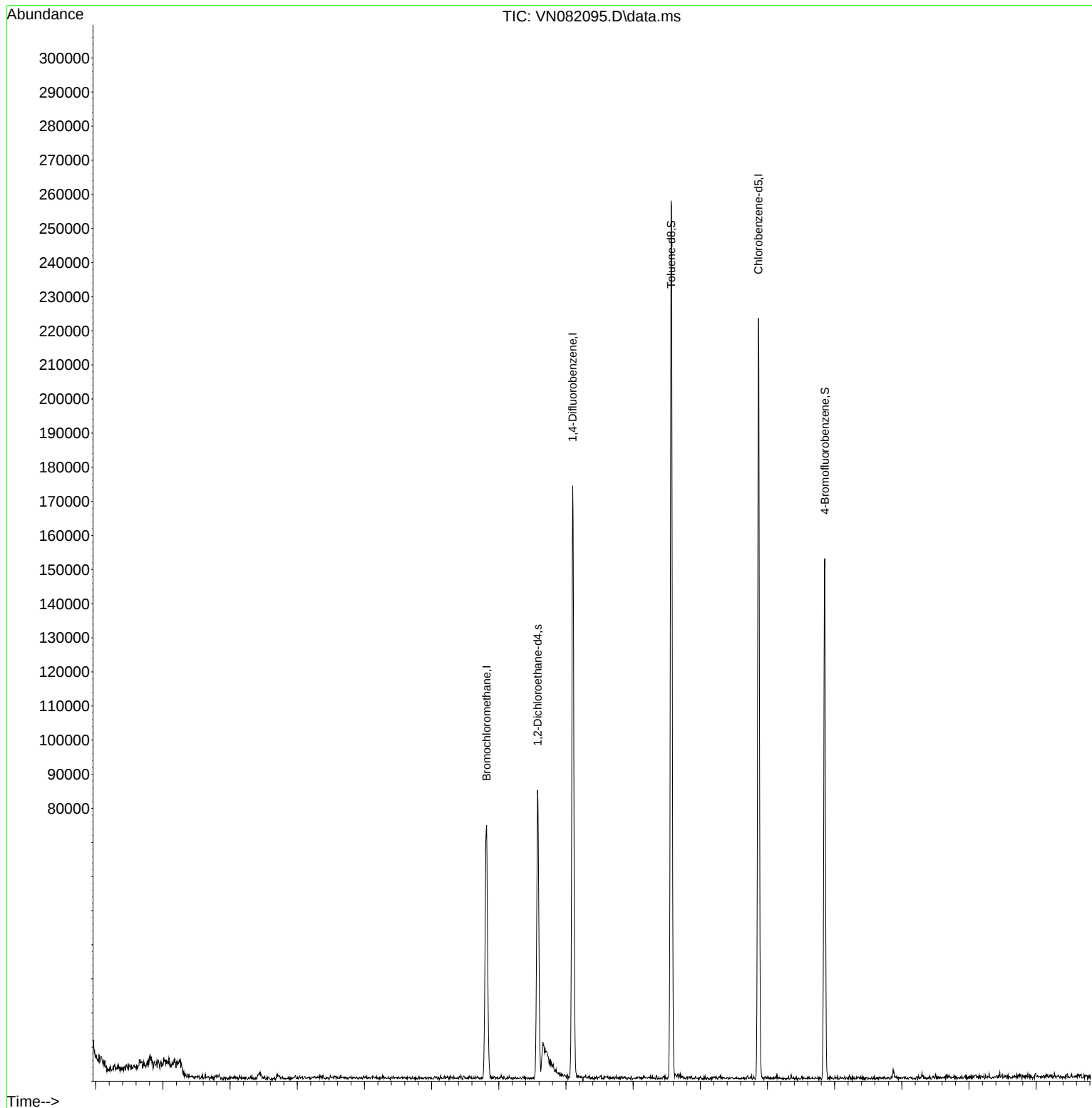
Target Compounds	Qvalue

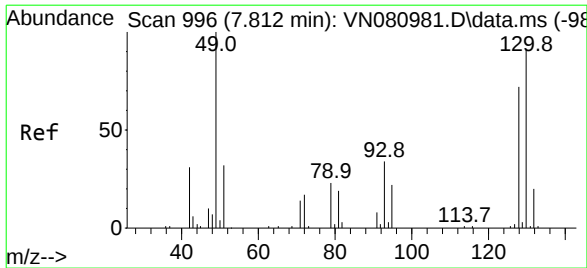
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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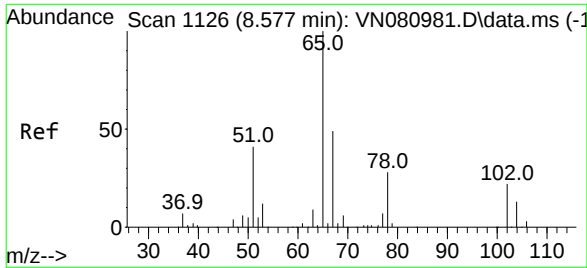
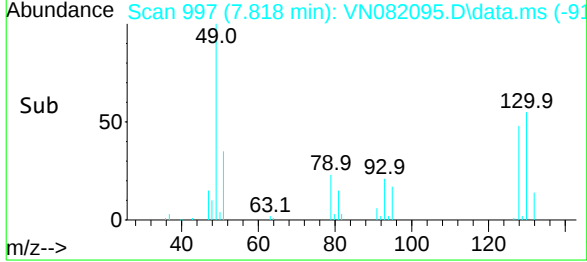
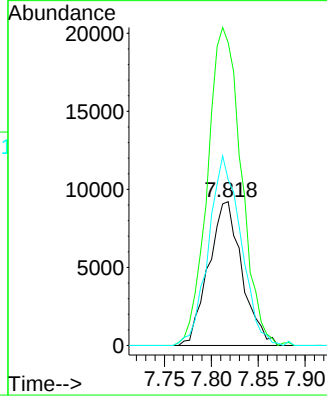
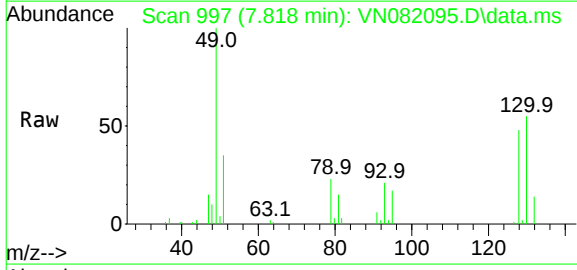




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082095.D
Acq: 13 May 2024 14:46

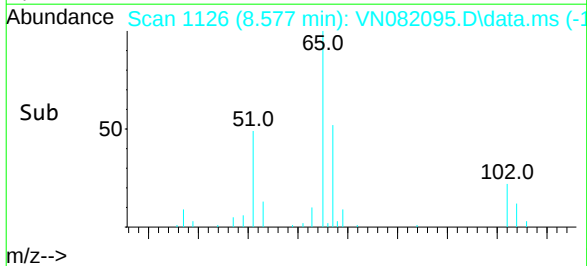
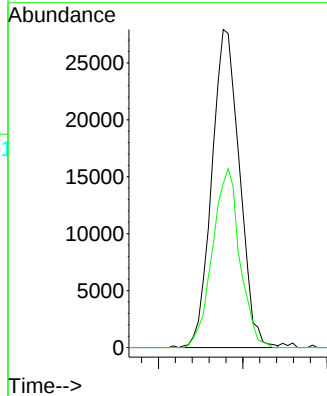
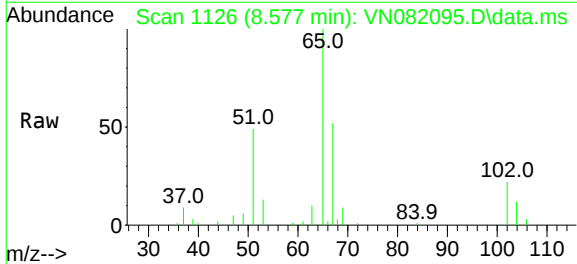
Instrument :
MSVOA_N
ClientSampleId :
240508035-05

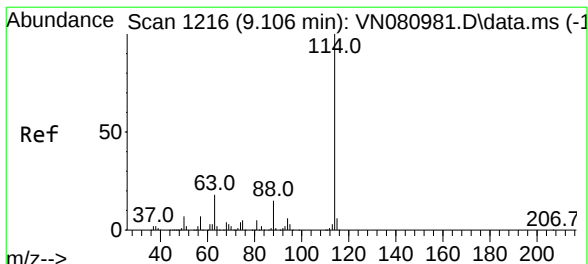
Tgt Ion:128 Resp: 22818
Ion Ratio Lower Upper
128 100
49 223.7 0.0 403.7
130 128.0 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 33.312 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082095.D
Acq: 13 May 2024 14:46

Tgt Ion: 65 Resp: 63640
Ion Ratio Lower Upper
65 100
67 55.4 43.2 64.8

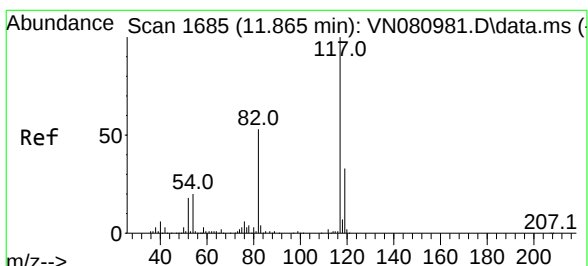
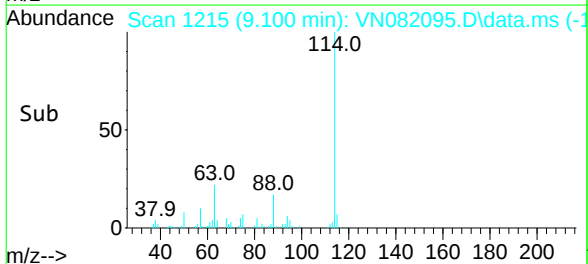
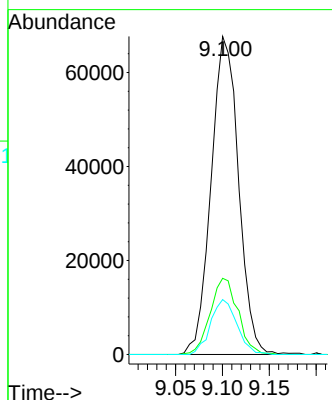
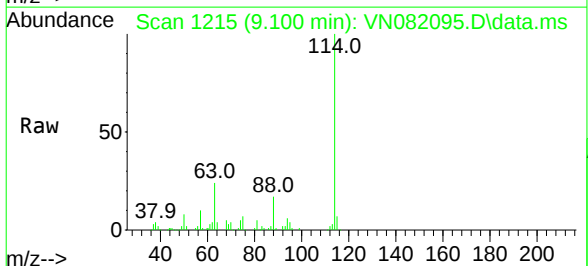




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082095.D
Acq: 13 May 2024 14:46

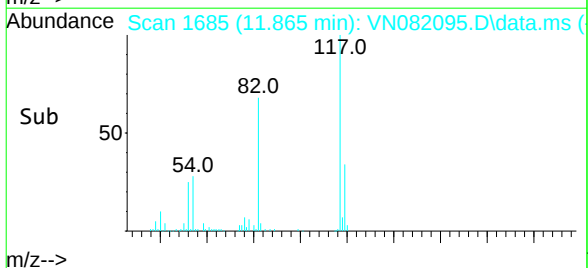
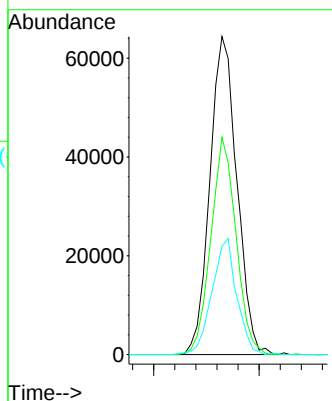
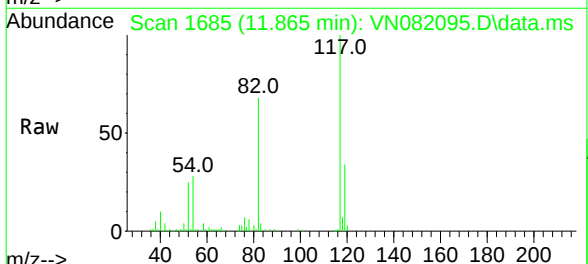
Instrument :
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240508035-05

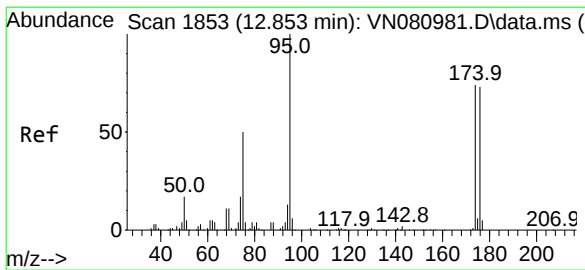
Tgt Ion:	114	Resp:	137786
Ion	Ratio	Lower	Upper
114	100		
63	24.1	15.9	23.9#
88	16.6	12.7	19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082095.D
Acq: 13 May 2024 14:46

Tgt Ion:	117	Resp:	114724
Ion	Ratio	Lower	Upper
117	100		
82	63.6	46.6	69.8
119	33.3	25.4	38.2

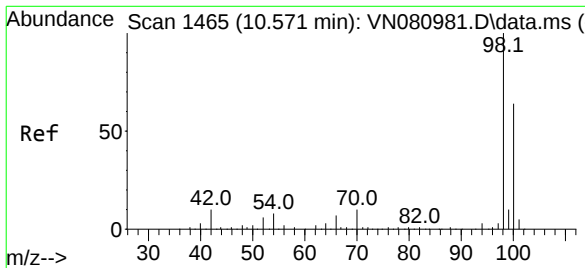
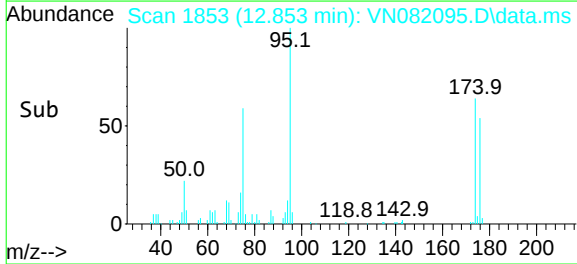
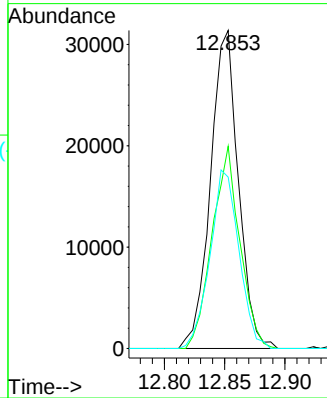
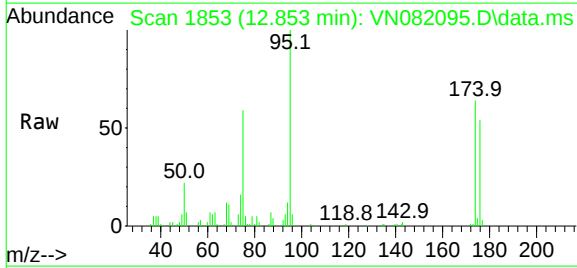




#60
4-Bromofluorobenzene
Concen: 26.478 ug/l
RT: 12.853 min Scan# 18
Delta R.T. 0.006 min
Lab File: VN082095.D
Acq: 13 May 2024 14:46

Instrument :
MSVOA_N
ClientSampleId :
240508035-05

Tgt Ion:	95	Resp:	50553
Ion	Ratio	Lower	Upper
95	100		
174	63.2	60.5	90.7
176	58.3	57.8	86.6



#63
Toluene-d8
Concen: 31.459 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082095.D
Acq: 13 May 2024 14:46

Tgt Ion:	98	Resp:	171397
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.7	79.1

