

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100824\
 Data File : VN084342.D
 Acq On : 08 Oct 2024 11:43
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 09 02:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:21:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31230	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	163026	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	146809	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	77525	30.834	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.767%
60) 4-Bromofluorobenzene	12.847	95	62466	25.781	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.933%
63) Toluene-d8	10.565	98	203214	29.879	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.600%

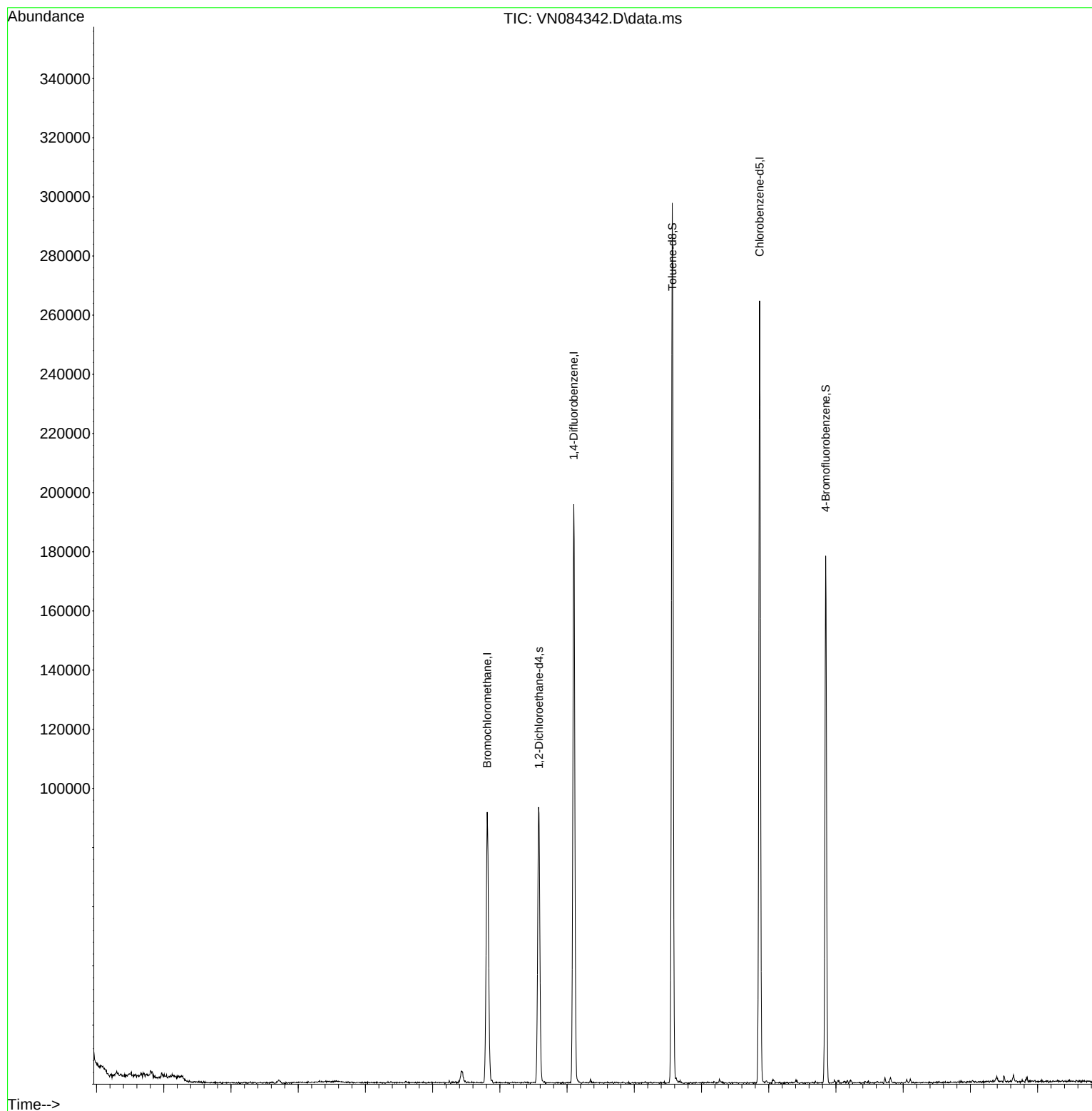
Target Compounds	Qvalue

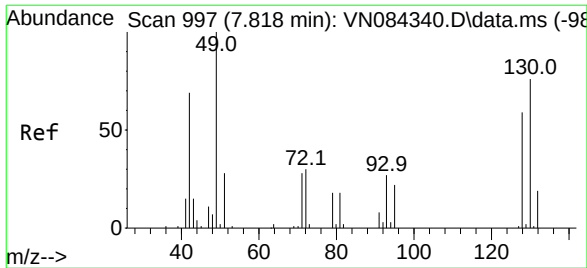
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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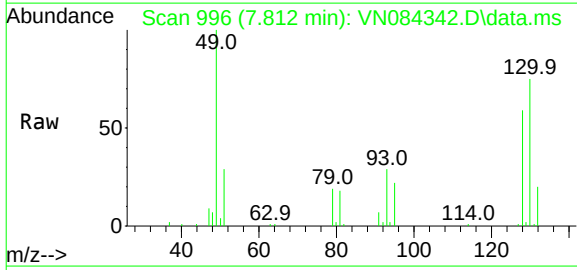
Quant Time: Oct 09 02:26:47 2024
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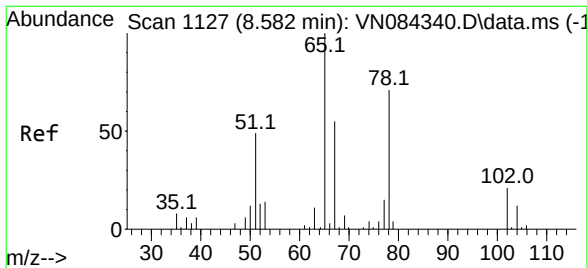
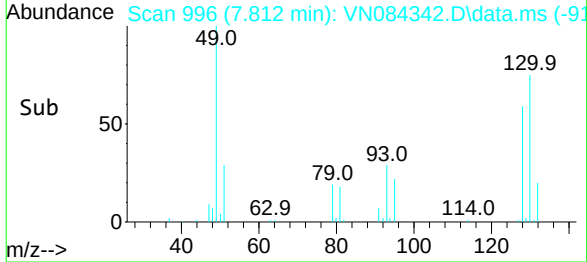
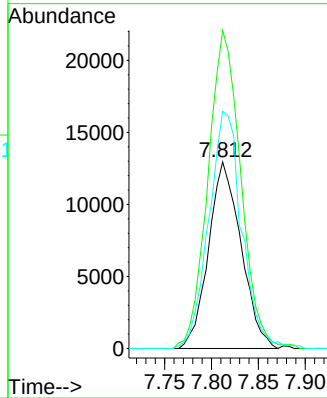


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN084342.D
Acq: 08 Oct 2024 11:43

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ClientSampleId :
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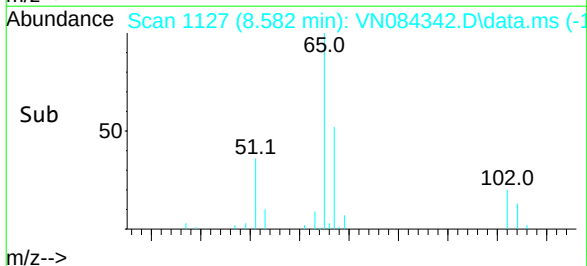
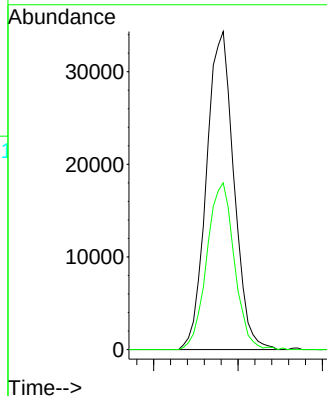
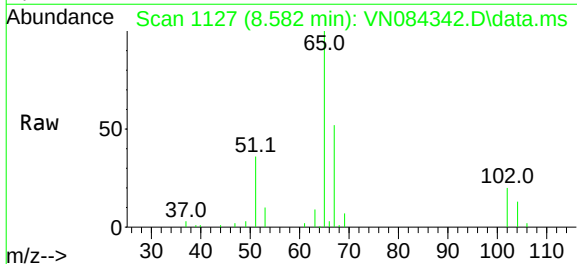


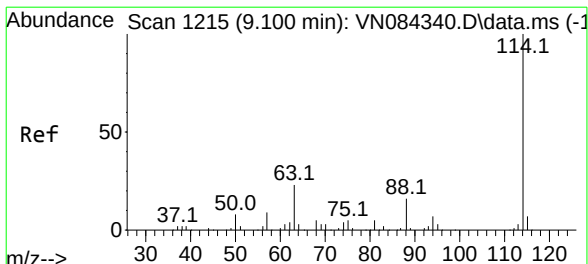
Tgt Ion:128 Resp: 31230
Ion Ratio Lower Upper
128 100
49 171.4 0.0 430.0
130 129.3 0.0 329.8



#27
1,2-Dichloroethane-d4
Concen: 30.834 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN084342.D
Acq: 08 Oct 2024 11:43

Tgt Ion: 65 Resp: 77525
Ion Ratio Lower Upper
65 100
67 52.3 41.5 62.3

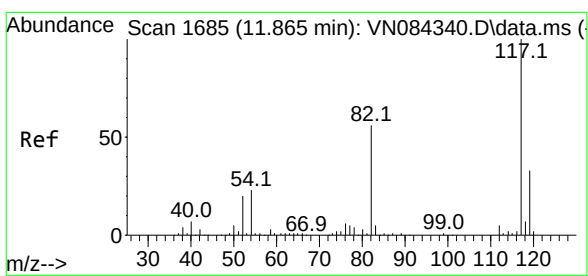
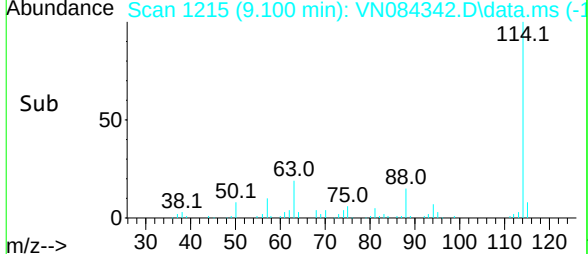
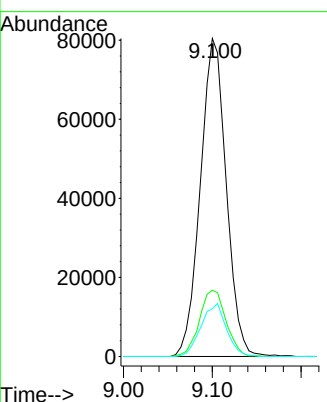
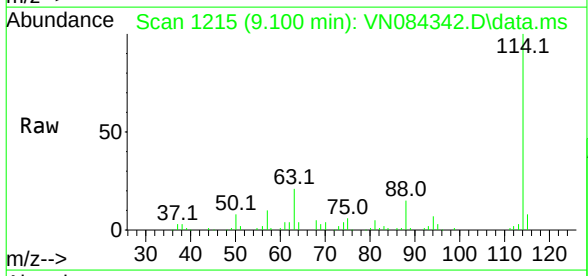




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084342.D
Acq: 08 Oct 2024 11:43

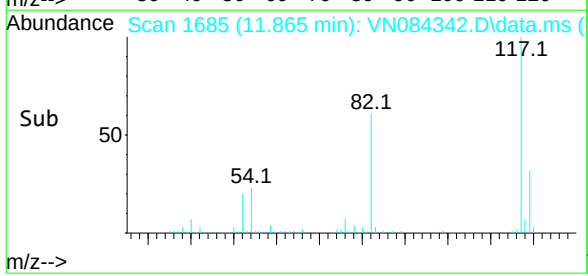
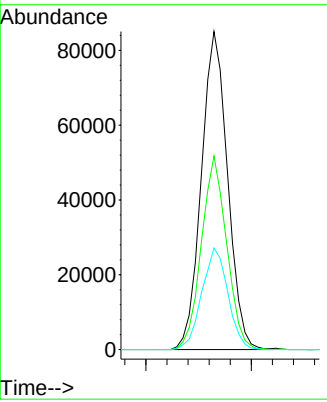
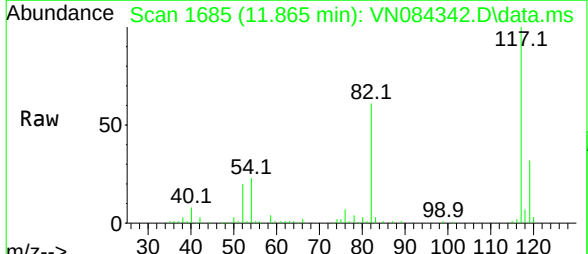
Instrument :
MSVOA_N
ClientSampleId :
IBLK

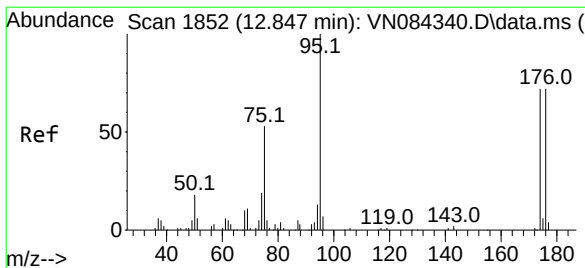
Tgt Ion:	114	Resp:	163026
Ion Ratio	Lower	Upper	
114	100		
63	21.4	17.4	26.0
88	16.3	13.2	19.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084342.D
Acq: 08 Oct 2024 11:43

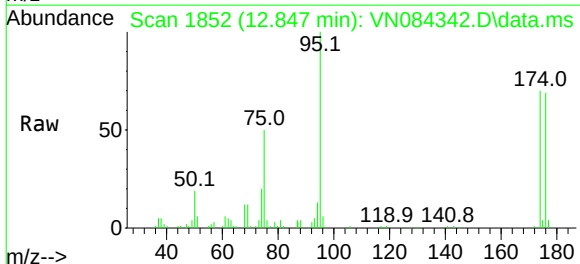
Tgt Ion:	117	Resp:	146809
Ion Ratio	Lower	Upper	
117	100		
82	58.7	46.2	69.4
119	31.8	25.4	38.2



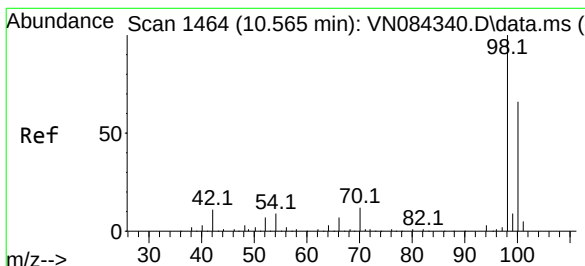
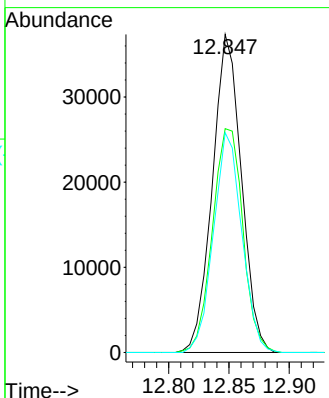
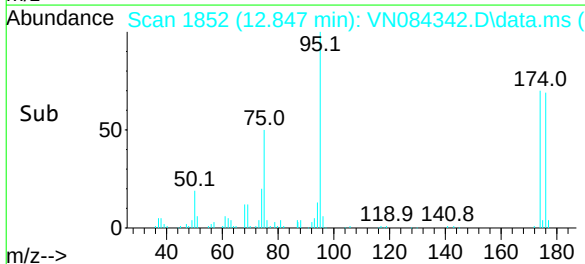


#60
4-Bromofluorobenzene
Concen: 25.781 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084342.D
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Tgt Ion:	95	Resp:	62466
Ion	Ratio	Lower	Upper
95	100		
174	73.8	58.2	87.2
176	67.7	56.4	84.6



#63
Toluene-d8
Concen: 29.879 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084342.D
Acq: 08 Oct 2024 11:43

Tgt Ion:	98	Resp:	203214
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7

