

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
 Data File : VN085424.D
 Acq On : 10 Jan 2025 13:44
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 10 22:48:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	26142	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	120157	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	108129	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	69771	30.339	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.133%
60) 4-Bromofluorobenzene	12.847	95	40134	22.914	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	76.367%
63) Toluene-d8	10.565	98	148202	28.069	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.567%

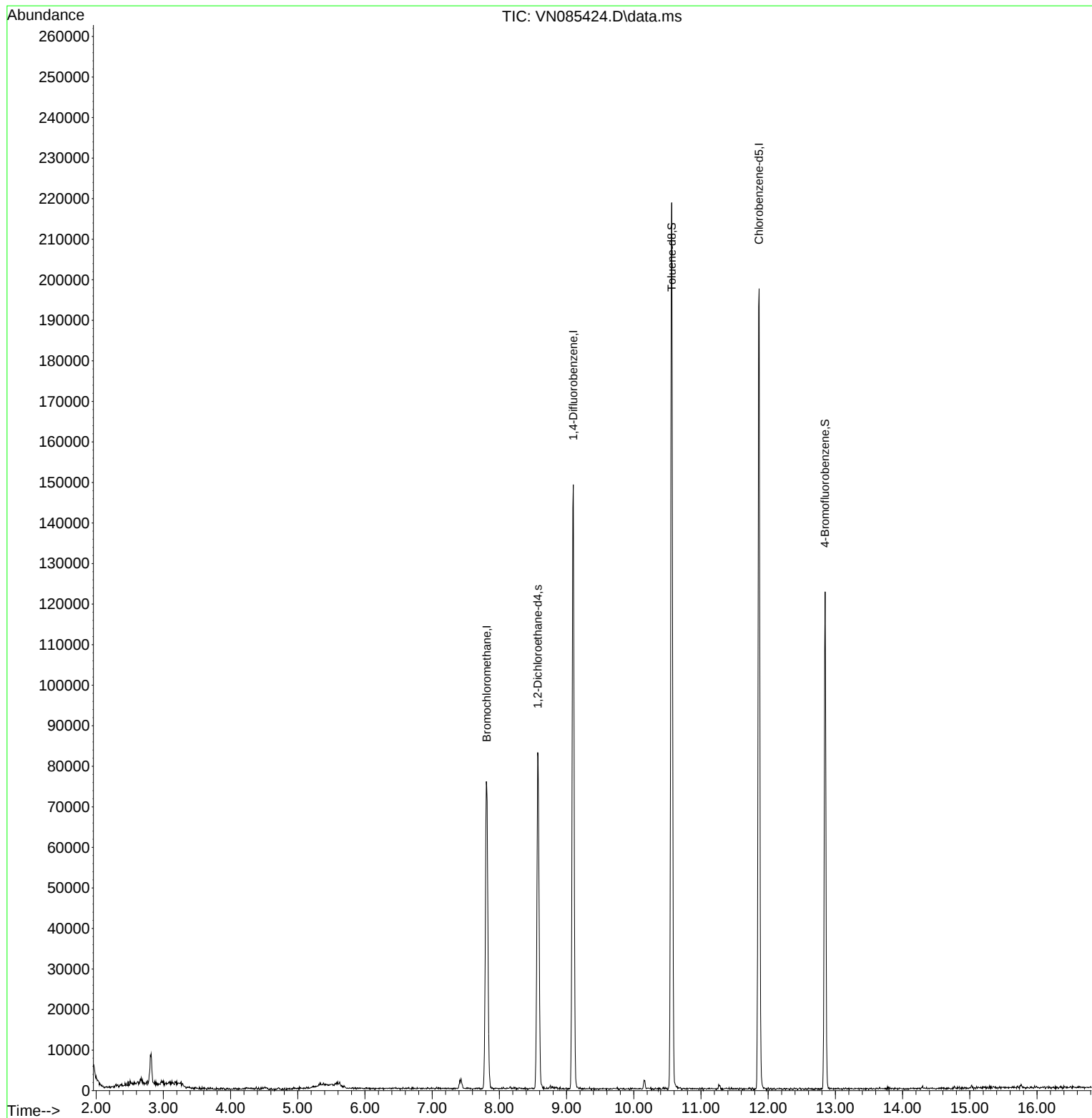
Target Compounds	Qvalue

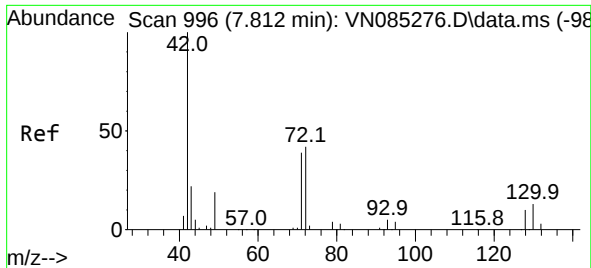
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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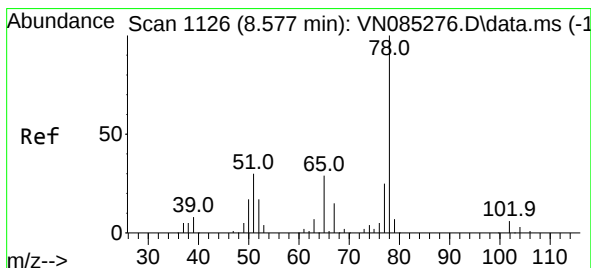
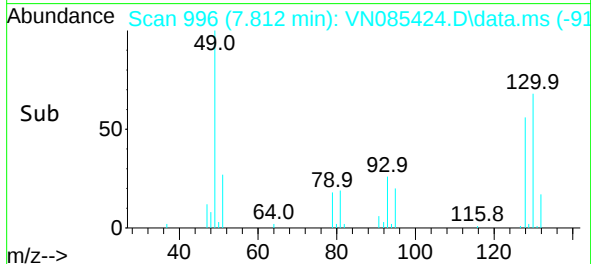
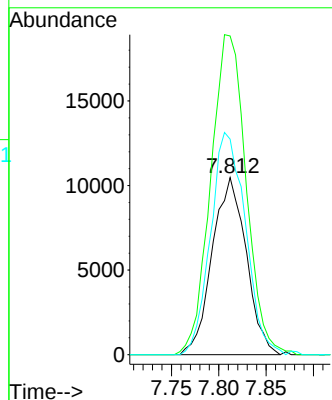
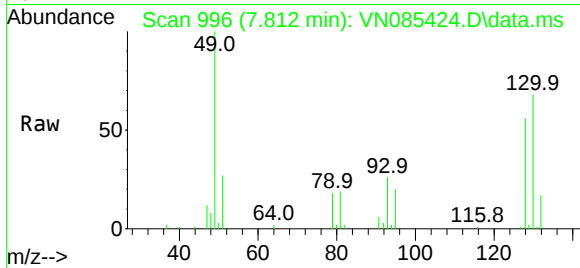




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

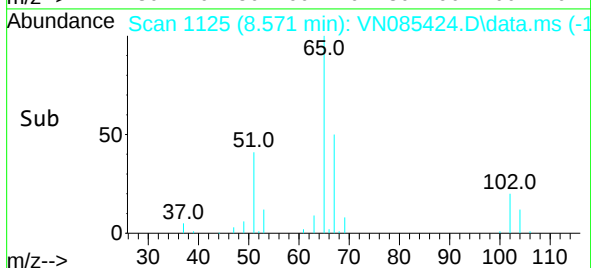
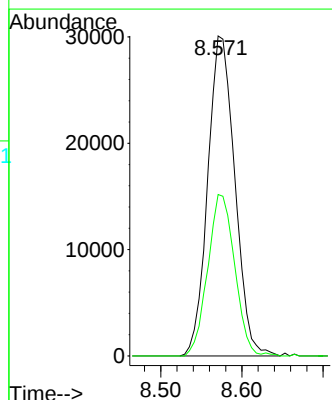
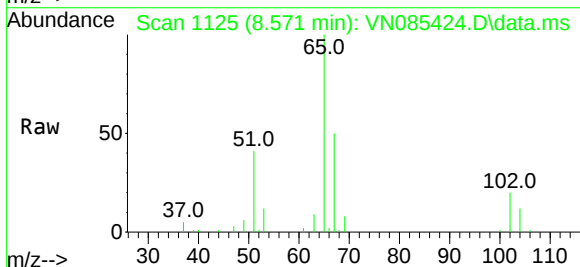
Instrument :
MSVOA_N
ClientSampleId :
IBLK

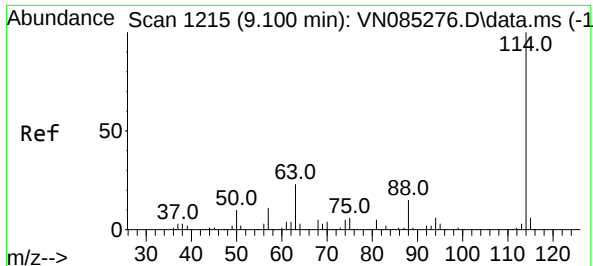
Tgt Ion:128 Resp: 26142
Ion Ratio Lower Upper
128 100
49 188.0 0.0 497.8
130 128.5 0.0 328.5



#27
1,2-Dichloroethane-d4
Concen: 30.339 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Tgt Ion: 65 Resp: 69771
Ion Ratio Lower Upper
65 100
67 50.0 42.0 63.0

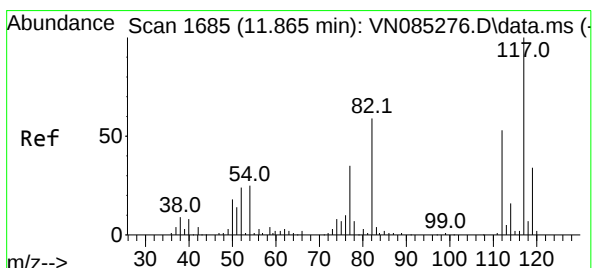
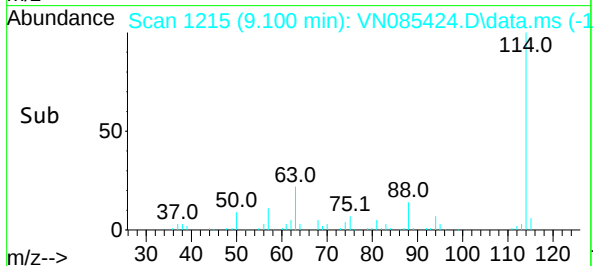
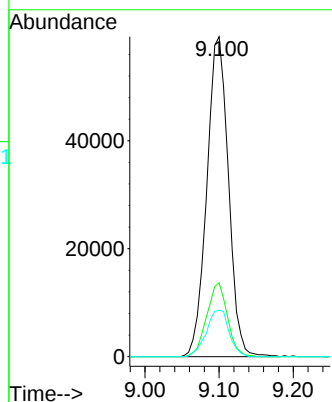
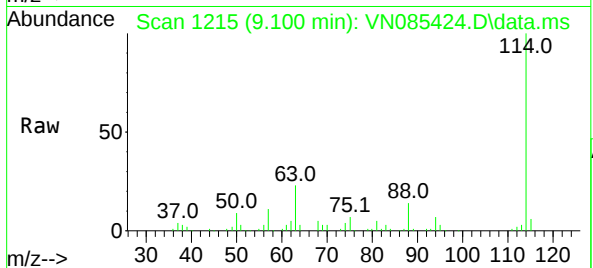




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

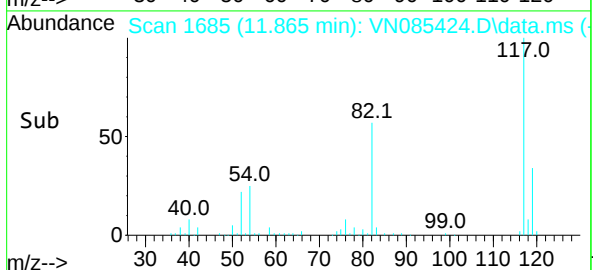
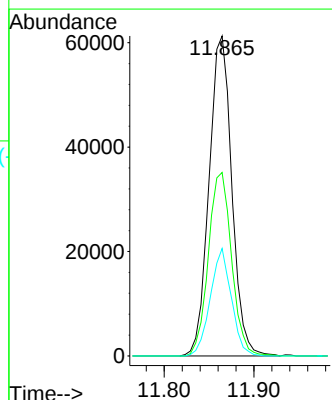
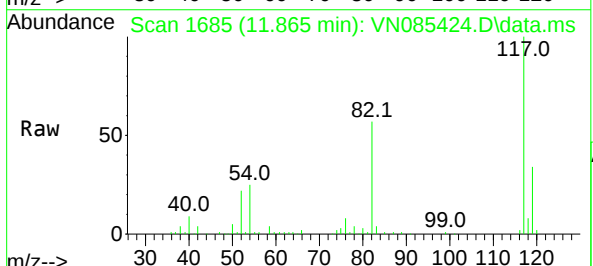
Instrument :
MSVOA_N
ClientSampleId :
IBLK

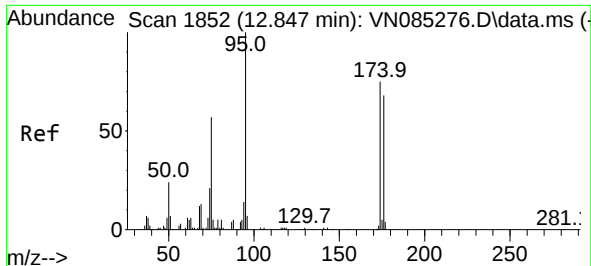
Tgt Ion:114	Resp: 120157
Ion Ratio	Lower Upper
114 100	
63 22.1	18.0 27.0
88 15.4	12.9 19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Tgt Ion:117	Resp: 108129		
Ion Ratio	Lower	Upper	
117 100			
82 58.5	47.4	71.0	
119 31.0	25.3	37.9	

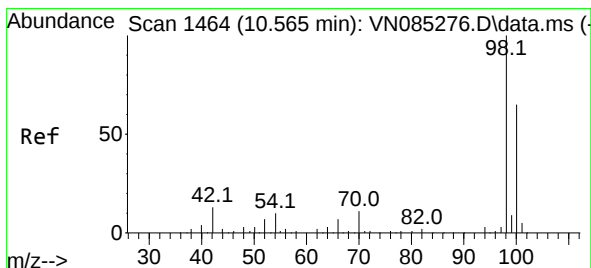
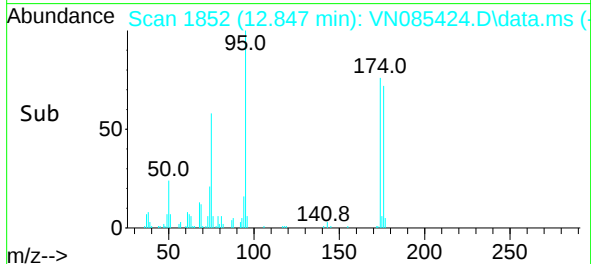
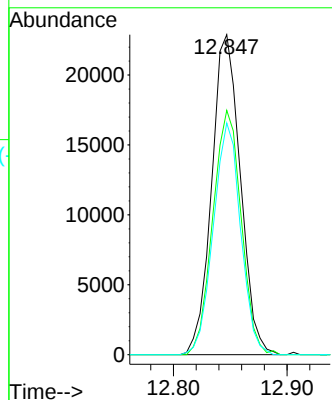
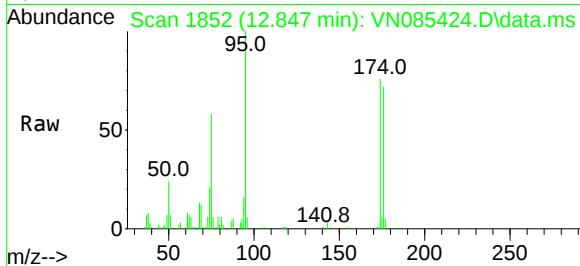




#60
4-Bromofluorobenzene
Concen: 22.914 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 40134
Ion Ratio Lower Upper
95 100
174 75.5 57.8 86.8
176 69.0 57.1 85.7



#63
Toluene-d8
Concen: 28.069 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085424.D
Acq: 10 Jan 2025 13:44

Tgt Ion: 98 Resp: 148202
Ion Ratio Lower Upper
98 100
100 64.1 50.8 76.2

