

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086823.D
 Acq On : 29 May 2025 18:37
 Operator : JC\MD
 Sample : Q2098-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002RE

Quant Time: May 30 04:19:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	0.000	128	0	0.000	ug/l	-7.81
28) 1,4-Difluorobenzene	9.359	114	56	30.000	ug/l	# 0.26
57) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.86
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.953	65	348	0.000	ug/l	0.38
Spiked Amount	30.000	Range	91 - 110	Recovery	=	0.000%#
60) 4-Bromofluorobenzene	12.882	95	113	0.000	ug/l	0.04
Spiked Amount	30.000	Range	63 - 112	Recovery	=	0.000%#
63) Toluene-d8	10.406	98	476	0.000	ug/l	-0.16
Spiked Amount	30.000	Range	91 - 112	Recovery	=	0.000%#

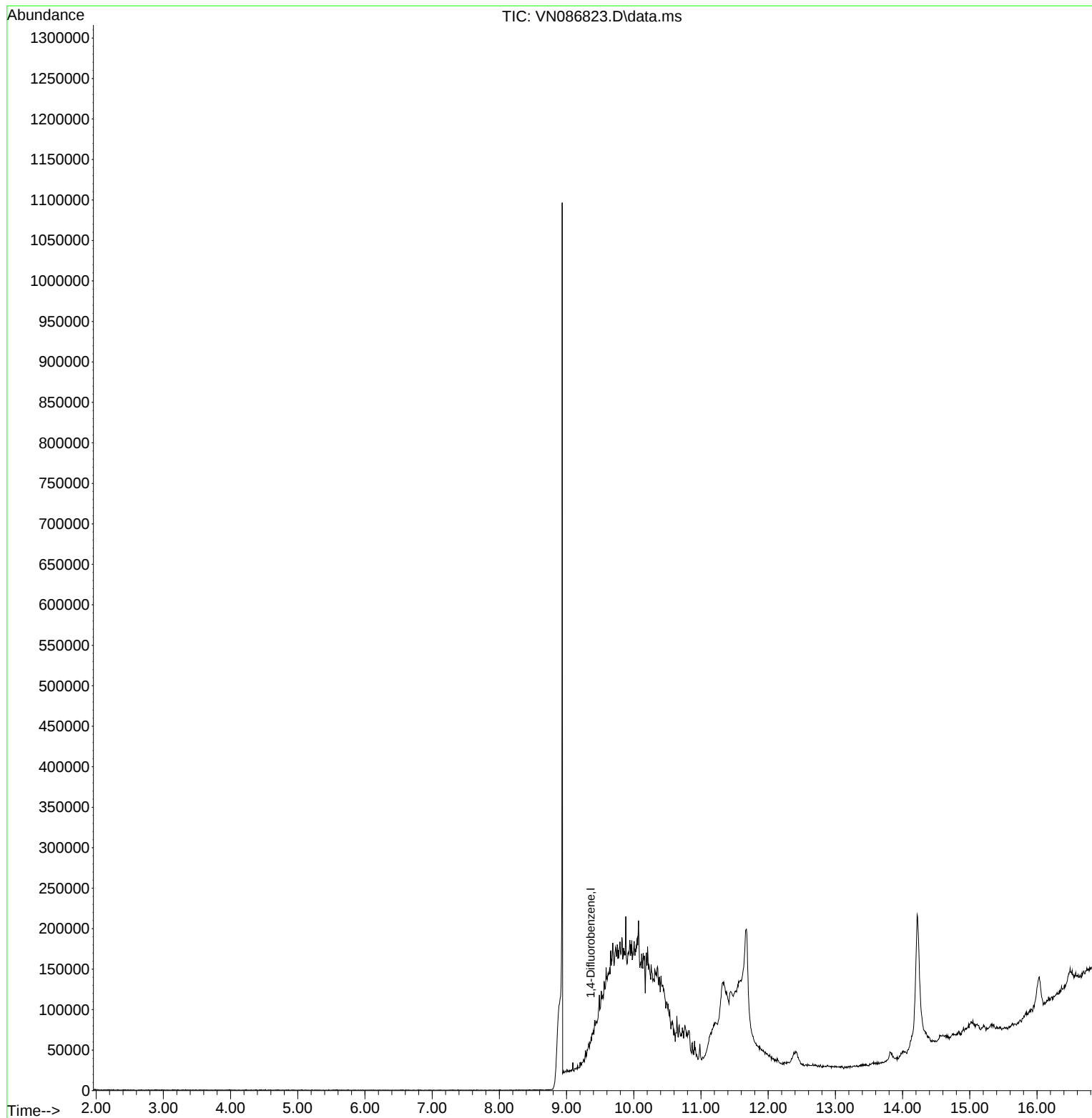
Target Compounds	Qvalue

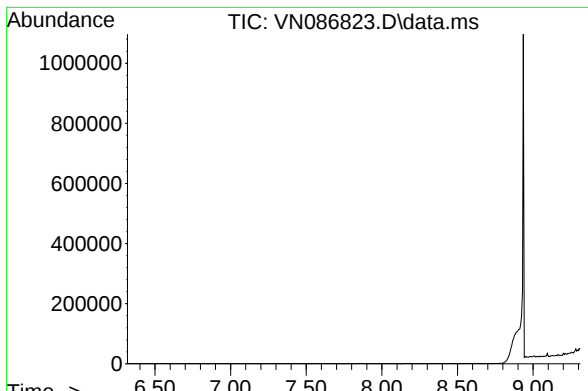
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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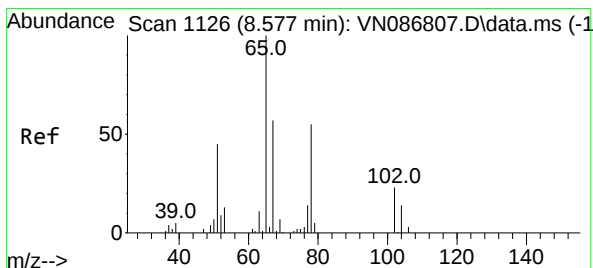
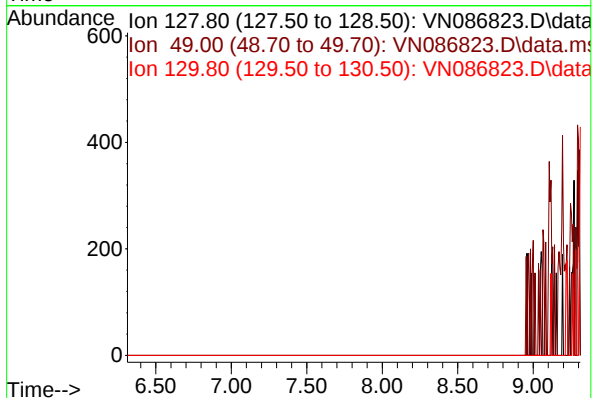


#1
Bromochloromethane
Concen: 0.000 ug/l
Expected RT: 7.81 min

Lab File: VN086823.D
Acq: 29 May 2025 18:37

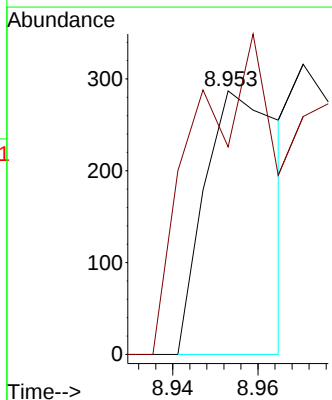
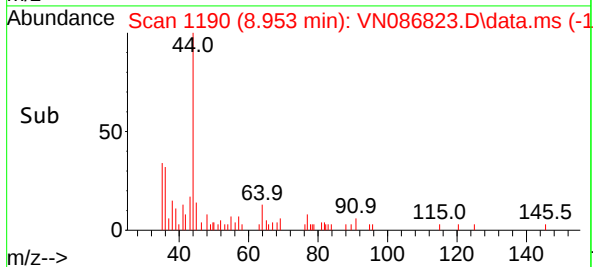
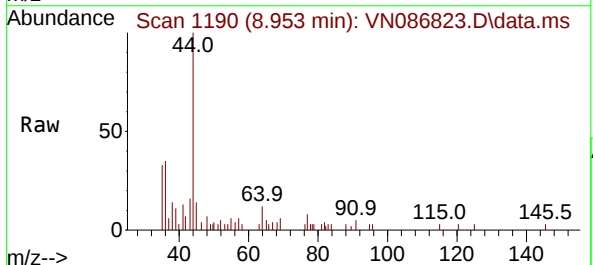
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002RE

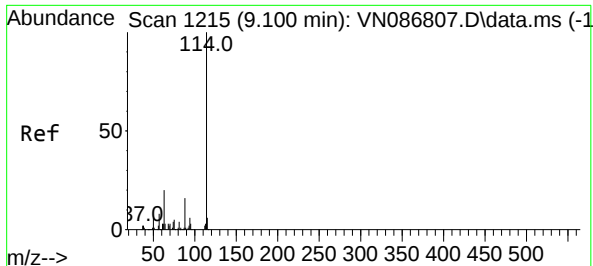
Tgt Ion: 128
Sig Exp Ratio
128 100
49 161.8
130 128.9



#27
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 8.953 min Scan# 1190
Delta R.T. 0.376 min
Lab File: VN086823.D
Acq: 29 May 2025 18:37

Tgt Ion: 65 Resp: 348
Ion Ratio Lower Upper
65 100
67 44.3 44.6 67.0#

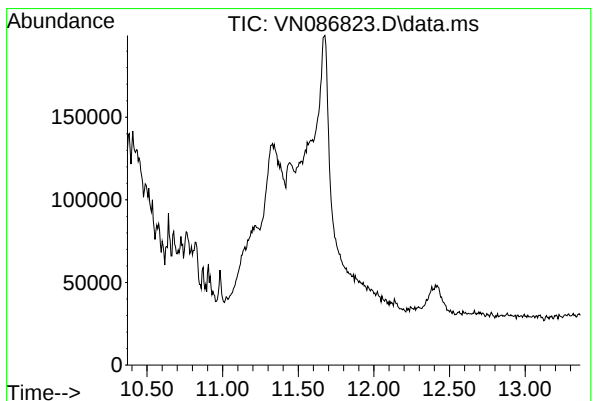
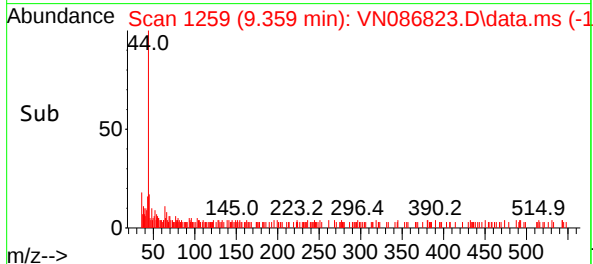
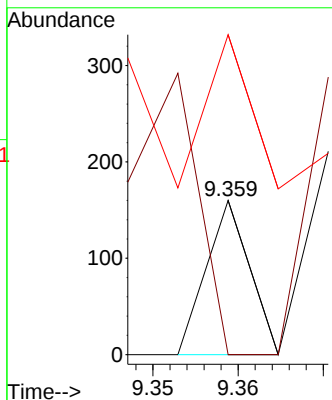
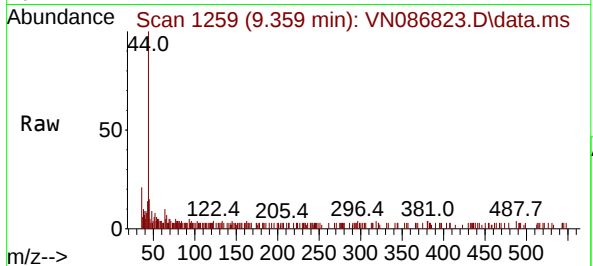




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.259 min
Lab File: VN086823.D
Acq: 29 May 2025 18:37

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002RE

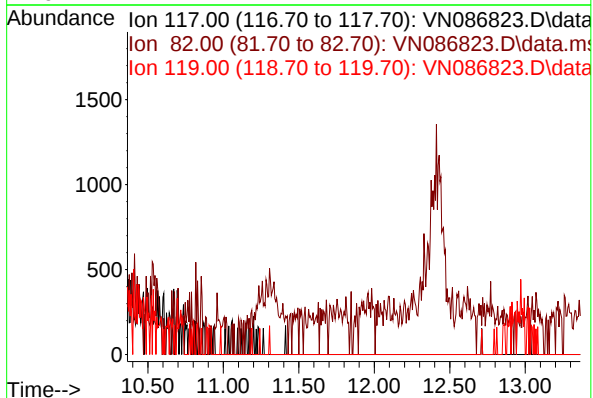
Tgt Ion:	114	Resp:	56
Ion	Ratio	Lower	Upper
114	100		
63	296.4	15.8	23.8#
88	621.4	12.9	19.3#

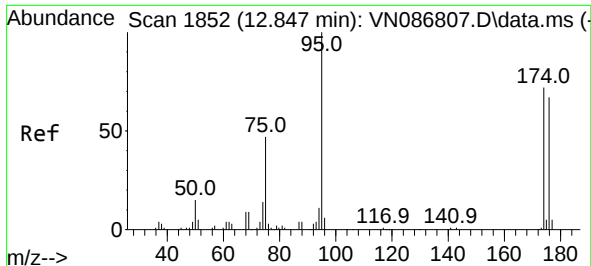


#57
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.86 min

Lab File: VN086823.D
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Tgt Ion:	117
Sig	Exp Ratio
117	100
82	55.9
119	32.0

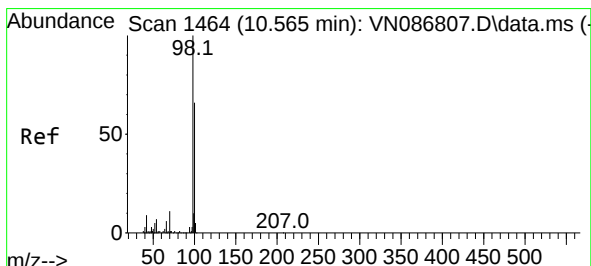
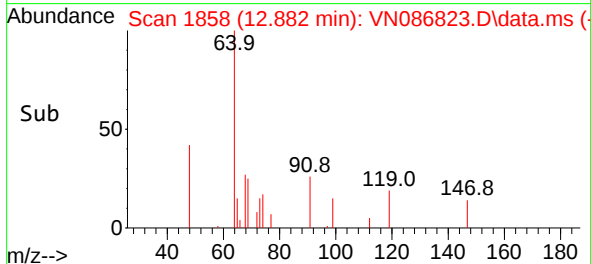
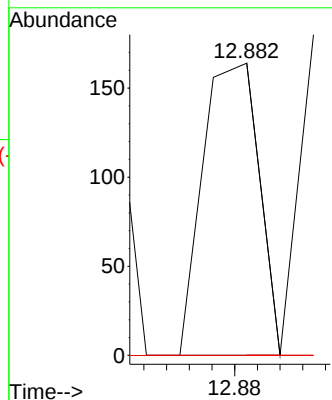
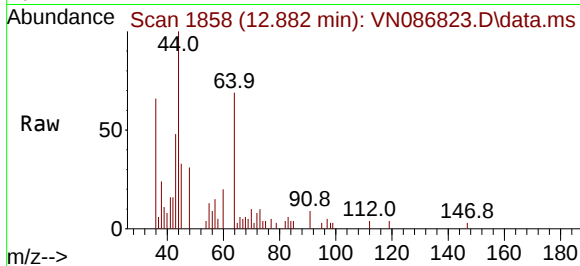




#60
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 12.882 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN086823.D
Acq: 29 May 2025 18:37

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002RE

Tgt Ion: 95 Resp: 113
Ion Ratio Lower Upper
95 100
174 0.0 56.2 84.4#
176 0.0 53.4 80.0#



#63
Toluene-d8
Concen: 0.000 ug/l
RT: 10.406 min Scan# 1437
Delta R.T. -0.159 min
Lab File: VN086823.D
Acq: 29 May 2025 18:37

Tgt Ion: 98 Resp: 476
Ion Ratio Lower Upper
98 100
100 62.8 52.7 79.1

