

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061625\
 Data File : VU063404.D
 Acq On : 16 Jun 2025 14:30
 Operator : MD/SY
 Sample : Q2117-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2025-03

Quant Time: Jun 16 15:16:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM061625.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 16 13:24:10 2025
 Response via : Initial Calibration

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

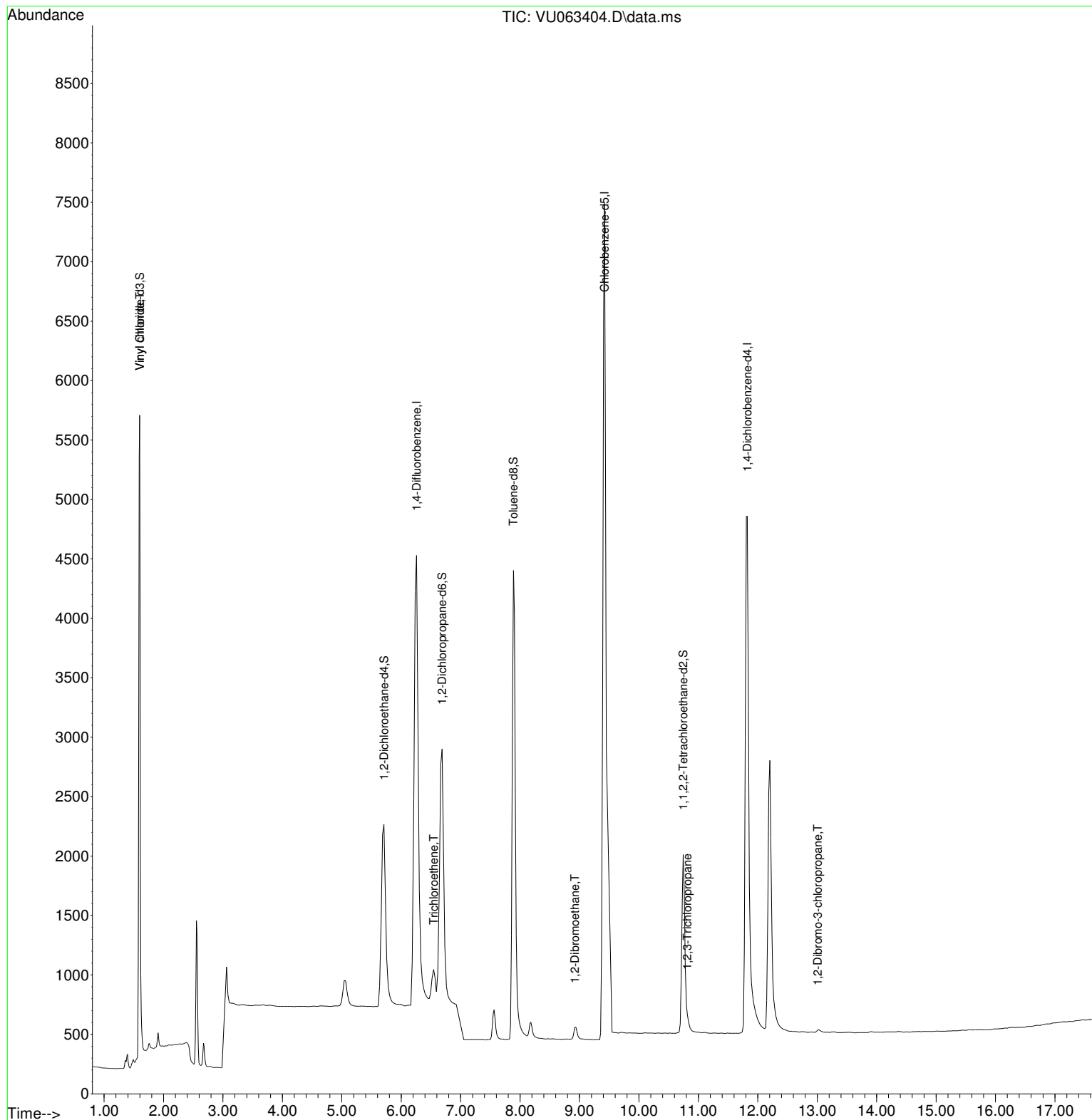
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	13769	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.419	117	19433	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.825	152	5756	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.597	65	6277	0.516	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	104.000%
4) 1,2-Dichloroethane-d4	5.709	65	3457	0.516	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	104.000%
7) 1,2-Dichloropropane-d6	6.687	67	4080	0.537	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	108.000%
8) Toluene-d8	7.887	98	8250	0.507	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	102.000%
10) 1,1,2,2-Tetrachloroeth...	10.745	84	3327	0.556	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.597	62	760	0.034	ug/L #	47
6) Trichloroethene	6.544	95	355	0.028	ug/L	95
9) 1,2-Dibromoethane	8.924	107	196	0.024	ug/L #	88
12) 1,2,3-Trichloropropane	10.814	75	208	0.027	ug/L #	92
13) 1,2-Dibromo-3-chloropr...	13.007	75	43	0.032	ug/L #	88

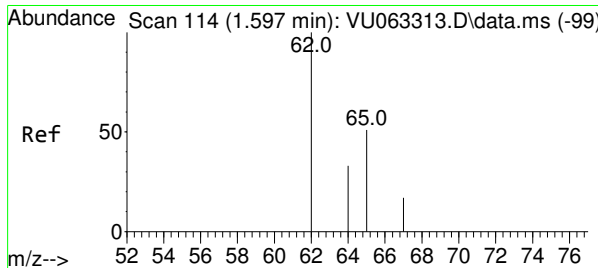
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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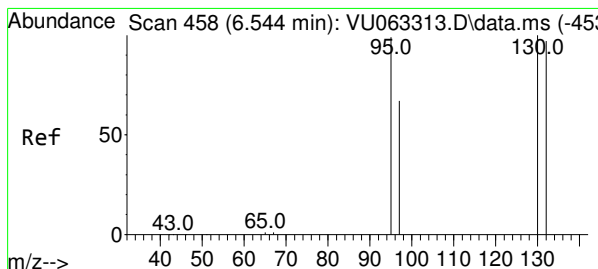
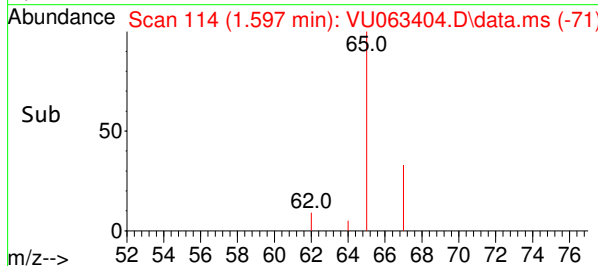
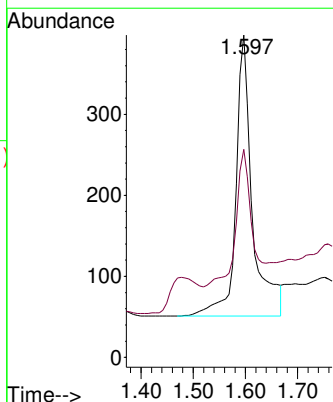
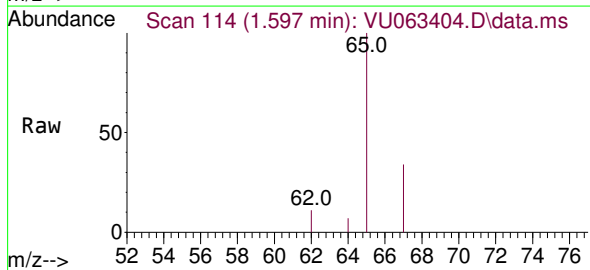




#3
 Vinyl chloride
 Concen: 0.034 ug/L
 RT: 1.597 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU063404.D
 Acq: 16 Jun 2025 14:30

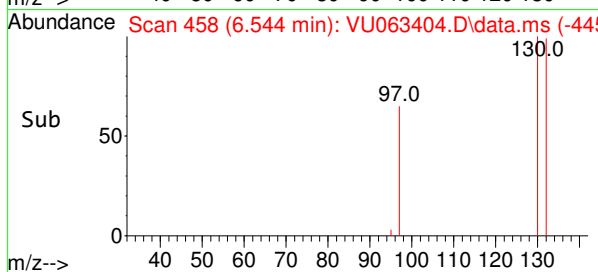
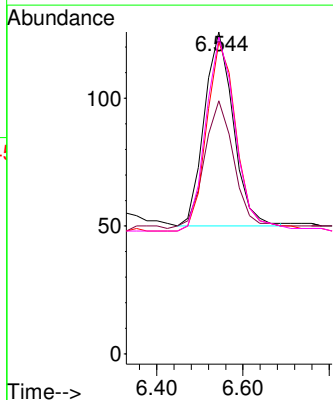
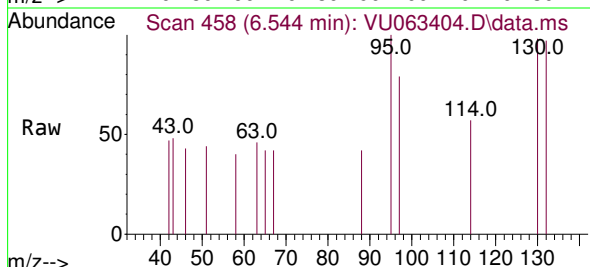
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2025-03

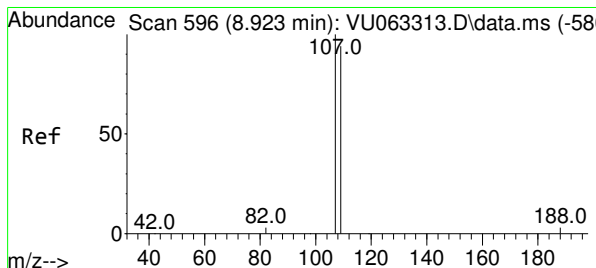
Tgt Ion: 62 Resp: 760
 Ion Ratio Lower Upper
 62 100
 64 64.6 24.0 44.6#



#6
 Trichloroethene
 Concen: 0.028 ug/L
 RT: 6.544 min Scan# 458
 Delta R.T. -0.000 min
 Lab File: VU063404.D
 Acq: 16 Jun 2025 14:30

Tgt Ion: 95 Resp: 355
 Ion Ratio Lower Upper
 95 100
 97 78.6 46.6 86.6
 132 96.8 66.7 123.9
 130 98.4 68.6 127.4





#9

1,2-Dibromoethane

Concen: 0.024 ug/L

RT: 8.924 min Scan# 5

Delta R.T. -0.000 min

Lab File: VU063404.D

Acq: 16 Jun 2025 14:30

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2025-03

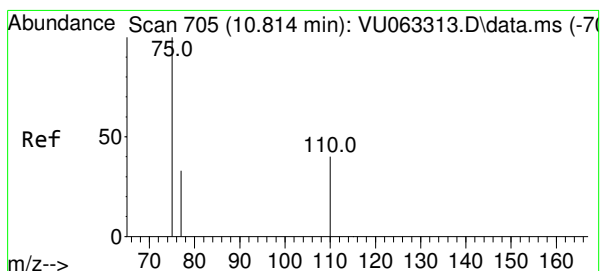
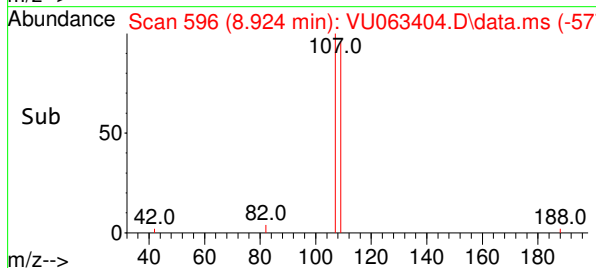
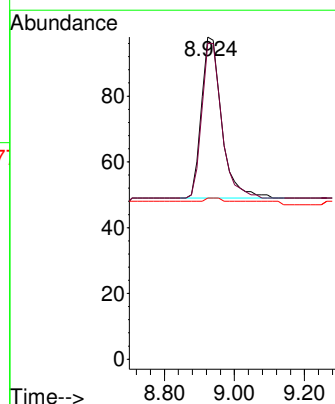
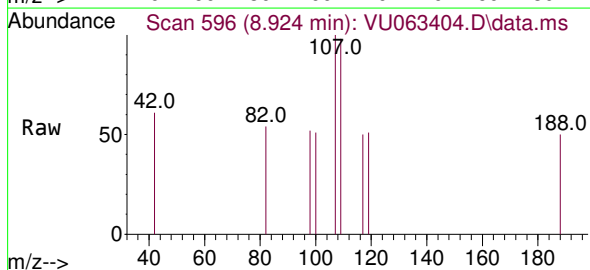
Tgt Ion:107 Resp: 196

Ion Ratio Lower Upper

107 100

109 98.0 66.8 124.0

188 50.0 6.9 10.3#



#12

1,2,3-Trichloropropane

Concen: 0.027 ug/L

RT: 10.814 min Scan# 705

Delta R.T. -0.000 min

Lab File: VU063404.D

Acq: 16 Jun 2025 14:30

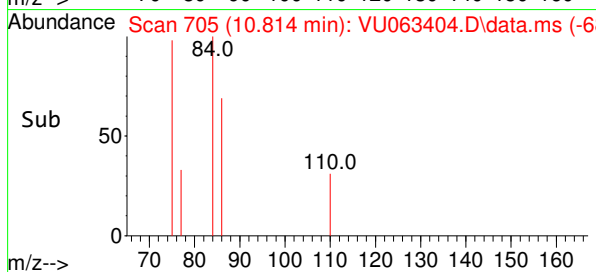
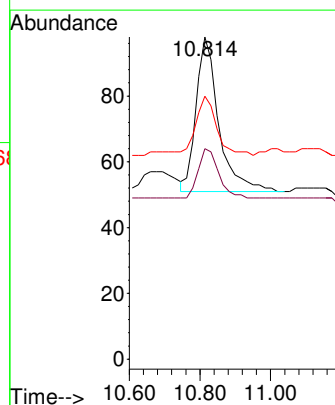
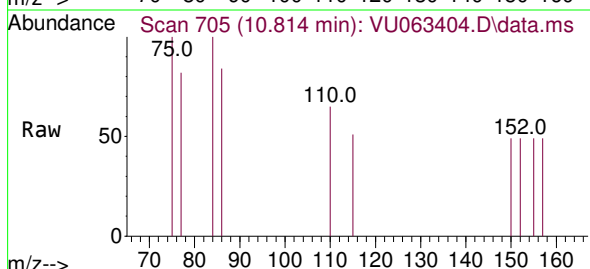
Tgt Ion: 75 Resp: 208

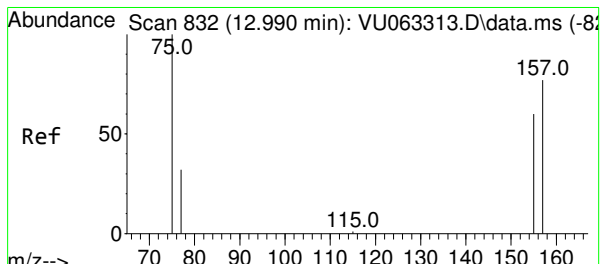
Ion Ratio Lower Upper

75 100

110 32.7 32.7 49.1#

77 35.1 27.1 40.7





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.032 ug/L
 RT: 13.007 min Scan# 8
 Delta R.T. 0.017 min
 Lab File: VU063404.D
 Acq: 16 Jun 2025 14:30

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2025-03

Tgt Ion:	75	Resp:	43
Ion	Ratio	Lower	Upper
75	100		
157	87.1	65.4	98.2
155	85.5	55.8	83.6#

