

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092425\
 Data File : VU063638.D
 Acq On : 24 Sep 2025 13:48
 Operator : MD/SY
 Sample : Q2899-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2025-05

Quant Time: Sep 25 04:20:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM092425.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 25 04:13:39 2025
 Response via : Initial Calibration

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

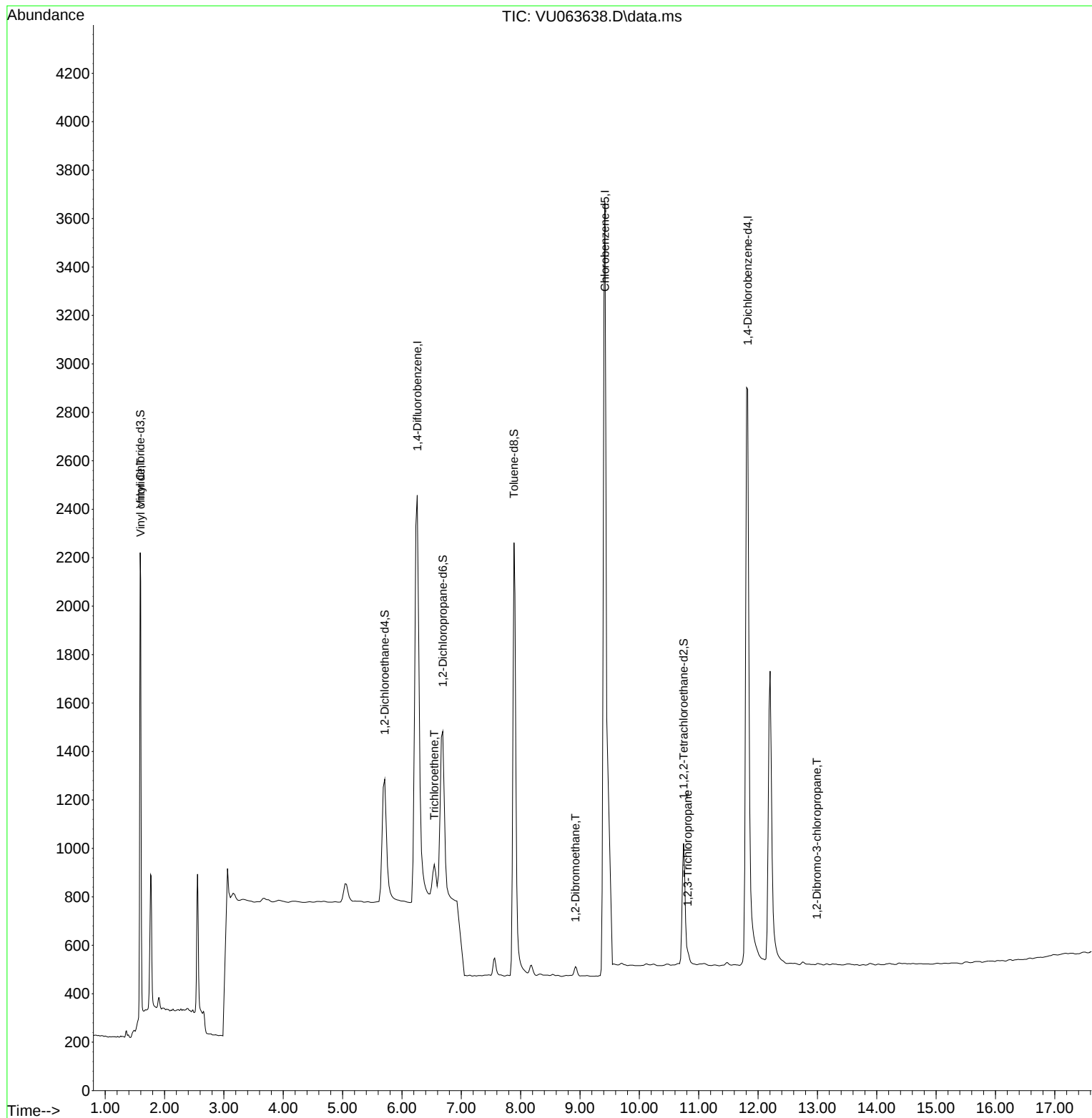
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	6558	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.419	117	9259	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.825	152	3029	0.500	ug/L	0.02
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.590	65	2130	0.483	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	96.000%
4) 1,2-Dichloroethane-d4	5.709	65	1220	0.467	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
7) 1,2-Dichloropropane-d6	6.687	67	1311	0.540	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	108.000%
8) Toluene-d8	7.887	98	3679	0.473	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.745	84	1064	0.492	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.597	62	297	0.034	ug/L #	30
6) Trichloroethene	6.544	95	198	0.037	ug/L	89
9) 1,2-Dibromoethane	8.924	107	69	0.023	ug/L #	78
12) 1,2,3-Trichloropropane	10.814	75	88	0.033	ug/L #	86
13) 1,2-Dibromo-3-chloropr...	12.990	75	23	0.062	ug/L	95

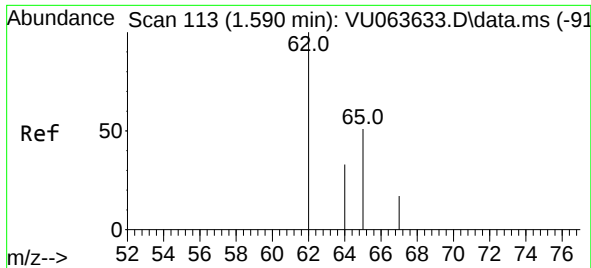
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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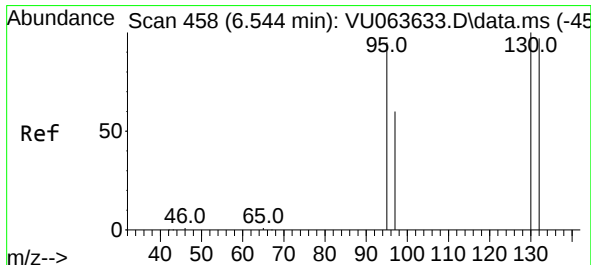
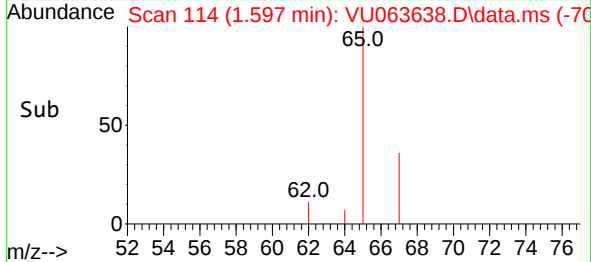
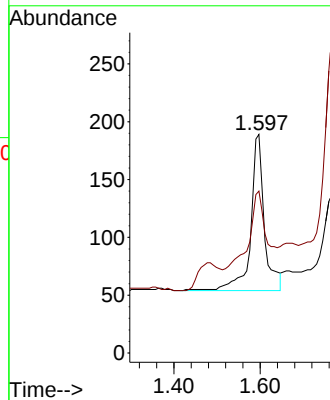
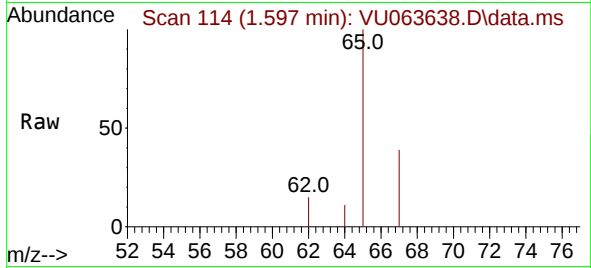




#3
 Vinyl chloride
 Concen: 0.034 ug/L
 RT: 1.597 min Scan# 114
 Delta R.T. 0.007 min
 Lab File: VU063638.D
 Acq: 24 Sep 2025 13:48

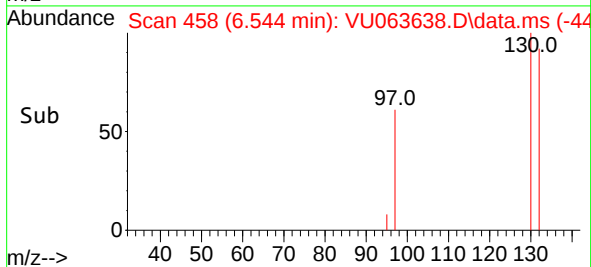
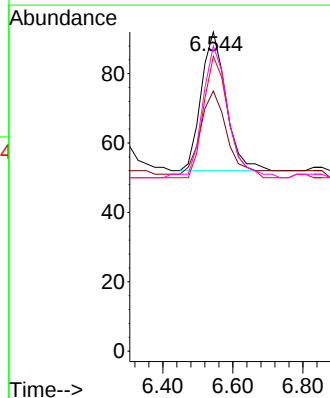
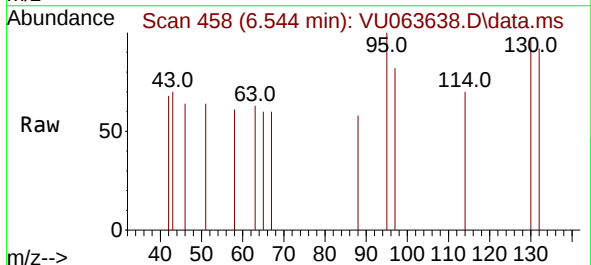
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2025-05

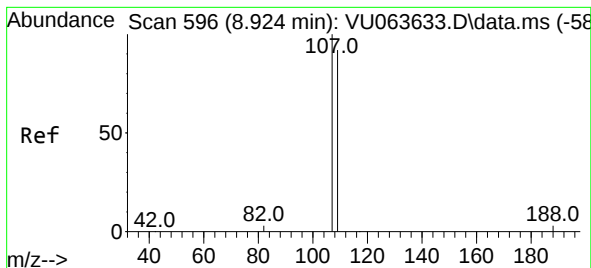
Tgt Ion: 62 Resp: 297
 Ion Ratio Lower Upper
 62 100
 64 74.1 23.9 44.3#



#6
 Trichloroethene
 Concen: 0.037 ug/L
 RT: 6.544 min Scan# 458
 Delta R.T. 0.000 min
 Lab File: VU063638.D
 Acq: 24 Sep 2025 13:48

Tgt Ion: 95 Resp: 198
 Ion Ratio Lower Upper
 95 100
 97 81.5 46.8 87.0
 132 92.4 71.0 131.8
 130 95.7 73.4 136.2





#9

1,2-Dibromoethane

Concen: 0.023 ug/L

RT: 8.924 min Scan# 596

Delta R.T. 0.000 min

Lab File: VU063638.D

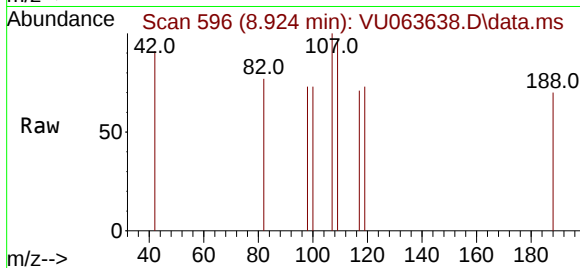
Acq: 24 Sep 2025 13:48

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2025-05



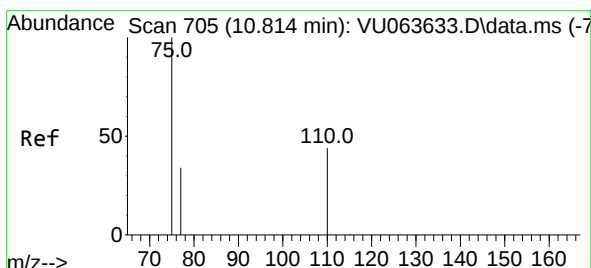
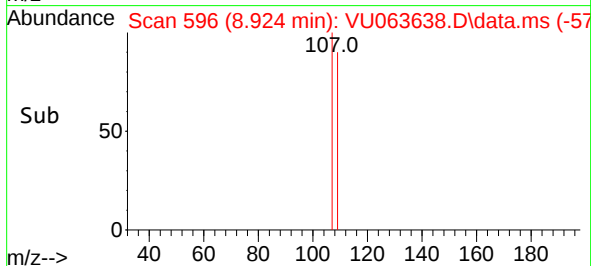
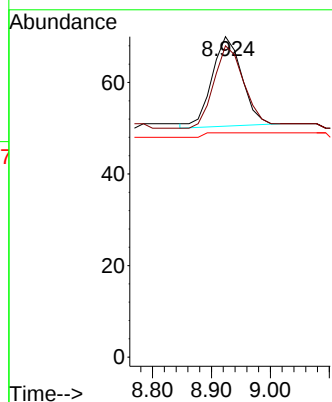
Tgt Ion:107 Resp: 69

Ion Ratio Lower Upper

107 100

109 97.1 65.0 120.6

188 70.0 10.2 15.4#



#12

1,2,3-Trichloropropane

Concen: 0.033 ug/L

RT: 10.814 min Scan# 705

Delta R.T. 0.000 min

Lab File: VU063638.D

Acq: 24 Sep 2025 13:48

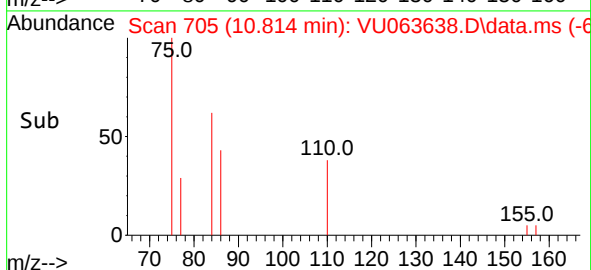
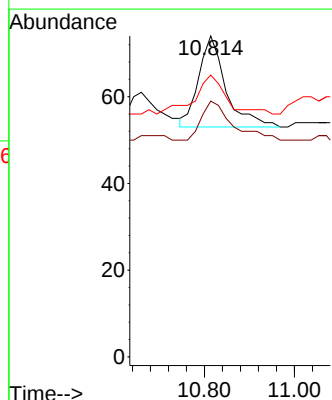
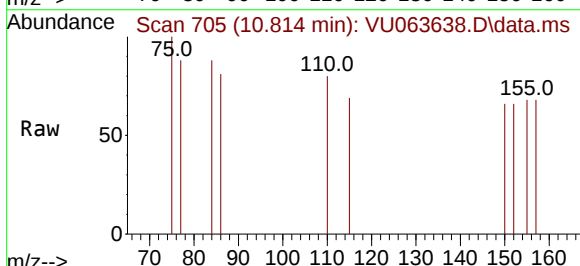
Tgt Ion: 75 Resp: 88

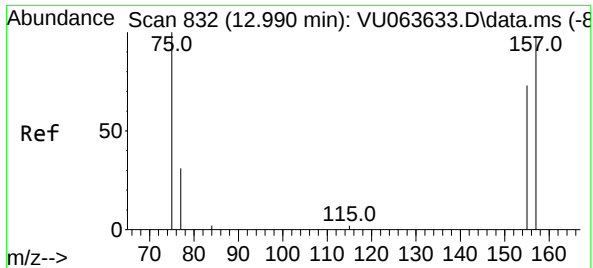
Ion Ratio Lower Upper

75 100

110 47.7 33.8 50.6

77 46.6 27.8 41.8#





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.062 ug/L
 RT: 12.990 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU063638.D
 Acq: 24 Sep 2025 13:48

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2025-05

Tgt Ion: 75	Resp: 23
Ion Ratio	Lower Upper
75 100	
157 91.1	76.1 114.1
155 89.3	66.6 100.0

