

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061725\
 Data File : VU063409.D
 Acq On : 17 Jun 2025 10:38
 Operator : MD/SY
 Sample : Q2117-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2025-04

Quant Time: Jun 17 11:04:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM061625.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 17 11:04:00 2025
 Response via : Initial Calibration

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

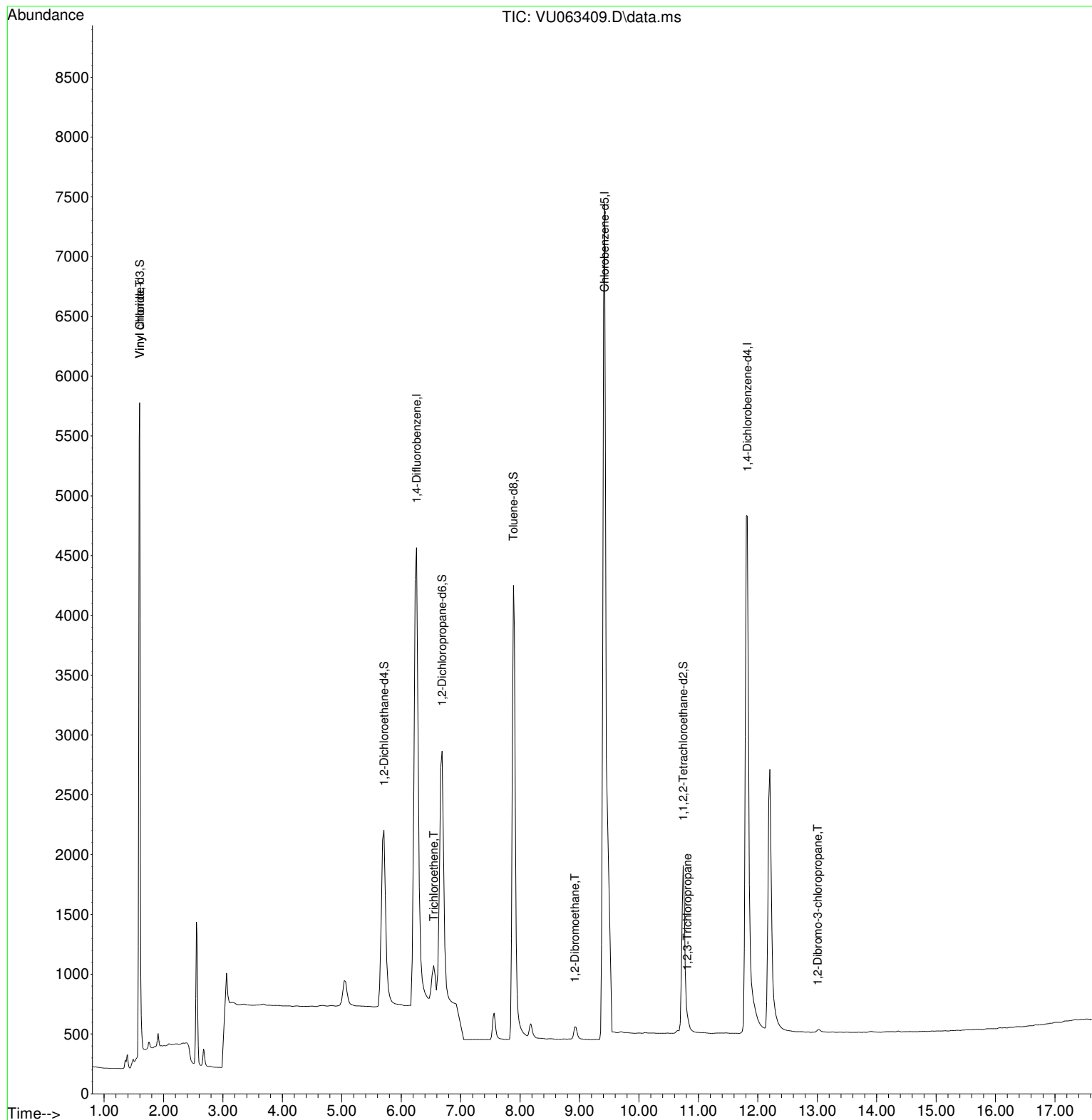
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	14017	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.419	117	19380	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.825	152	5714	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.597	65	6250	0.505	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.000%
4) 1,2-Dichloroethane-d4	5.709	65	3364	0.493	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
7) 1,2-Dichloropropane-d6	6.687	67	4066	0.536	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	108.000%
8) Toluene-d8	7.887	98	7893	0.486	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
10) 1,1,2,2-Tetrachloroeth...	10.745	84	3059	0.513	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.597	62	803	0.035	ug/L #	52
6) Trichloroethene	6.544	95	382	0.030	ug/L	93
9) 1,2-Dibromoethane	8.924	107	217	0.027	ug/L #	90
12) 1,2,3-Trichloropropane	10.814	75	210	0.028	ug/L	96
13) 1,2-Dibromo-3-chloropr...	13.007	75	46	0.034	ug/L #	83

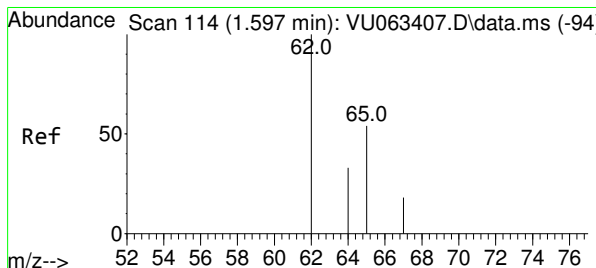
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.035 ug/L

RT: 1.597 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063409.D

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Instrument :

MSVOA_U

ClientSampleId :

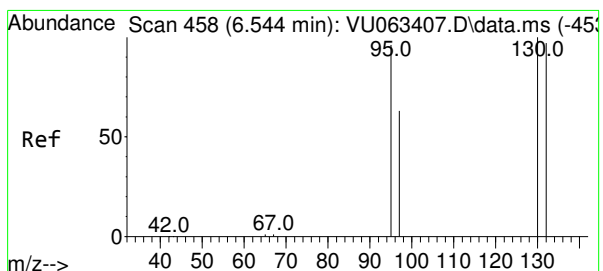
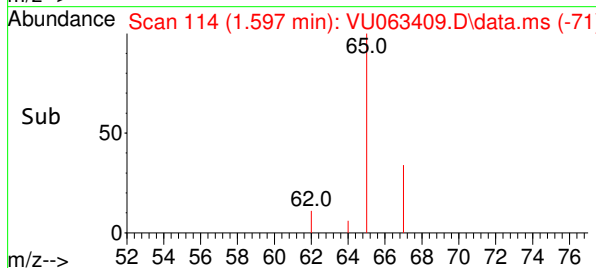
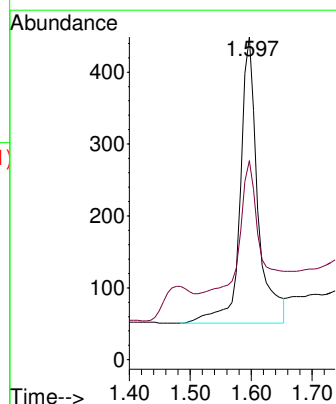
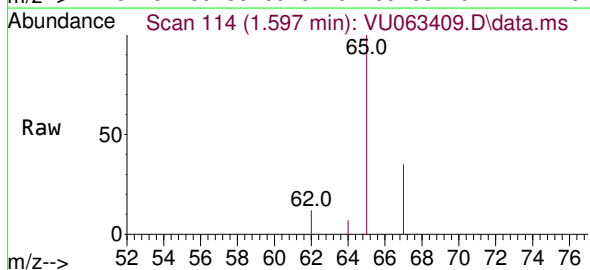
MDL-WATER-QT2-2025-04

Tgt Ion: 62 Resp: 803

Ion Ratio Lower Upper

62 100

64 61.7 24.0 44.6#



#6

Trichloroethene

Concen: 0.030 ug/L

RT: 6.544 min Scan# 458

Delta R.T. 0.000 min

Lab File: VU063409.D

Acq: 17 Jun 2025 10:38

Tgt Ion: 95 Resp: 382

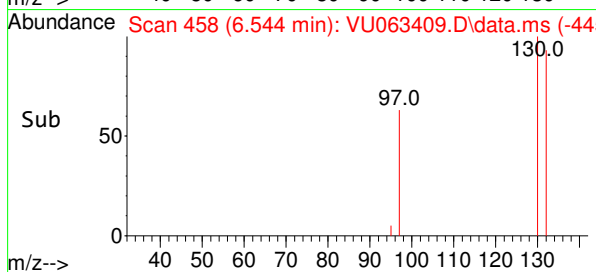
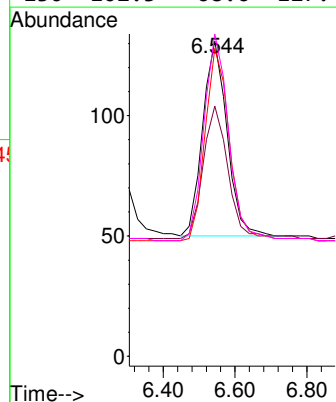
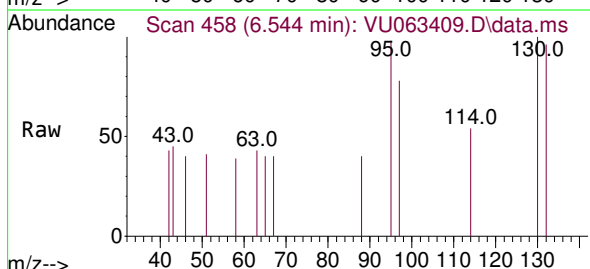
Ion Ratio Lower Upper

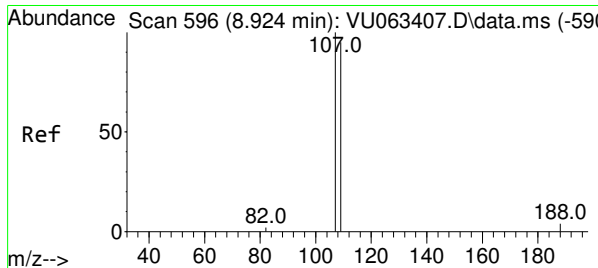
95 100

97 79.4 46.6 86.6

132 97.7 66.7 123.9

130 102.3 68.6 127.4

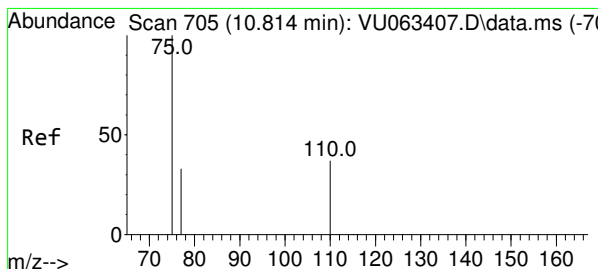
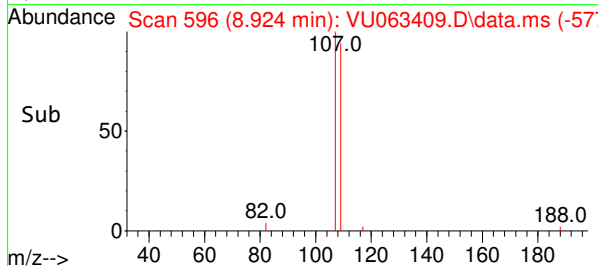
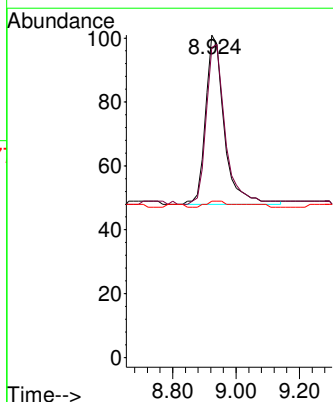
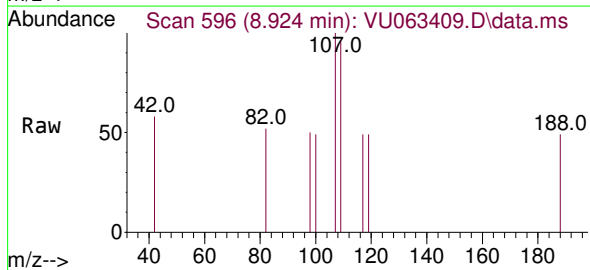




#9
1,2-Dibromoethane
Concen: 0.027 ug/L
RT: 8.924 min Scan# 596
Delta R.T. 0.000 min
Lab File: VU063409.D
Acq: 17 Jun 2025 10:38

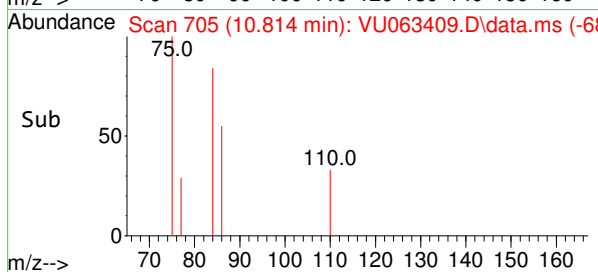
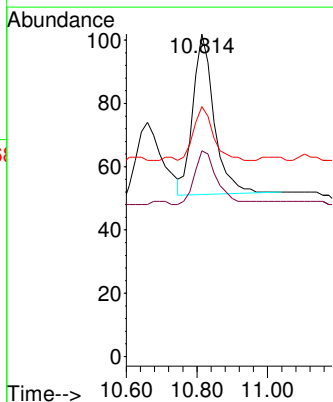
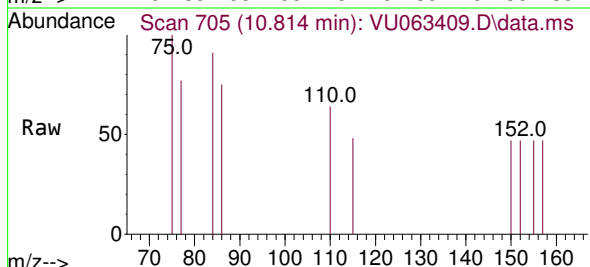
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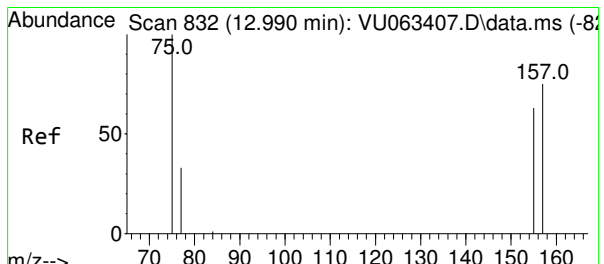
Tgt Ion: 107 Resp: 217
Ion Ratio Lower Upper
107 100
109 96.0 66.8 124.0
188 48.5 6.9 10.3#



#12
1,2,3-Trichloropropane
Concen: 0.028 ug/L
RT: 10.814 min Scan# 705
Delta R.T. 0.000 min
Lab File: VU063409.D
Acq: 17 Jun 2025 10:38

Tgt Ion: 75 Resp: 210
Ion Ratio Lower Upper
75 100
110 38.6 32.7 49.1
77 31.9 27.1 40.7





#13
1,2-Dibromo-3-chloropropane
Concen: 0.034 ug/L
RT: 13.007 min Scan# 8
Delta R.T. 0.017 min
Lab File: VU063409.D
Acq: 17 Jun 2025 10:38

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2025-04

Tgt Ion:	75	Resp:	46
Ion	Ratio	Lower	Upper
75	100		
157	91.5	65.4	98.2
155	89.8	55.8	83.6#

