

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072123\
 Data File : VU054838.D
 Acq On : 21 Jul 2023 11:37
 Operator : MD/SY
 Sample : 03573-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2023-06

Quant Time: Jul 22 02:29:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM072023.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 21 01:10:23 2023
 Response via : Initial Calibration

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

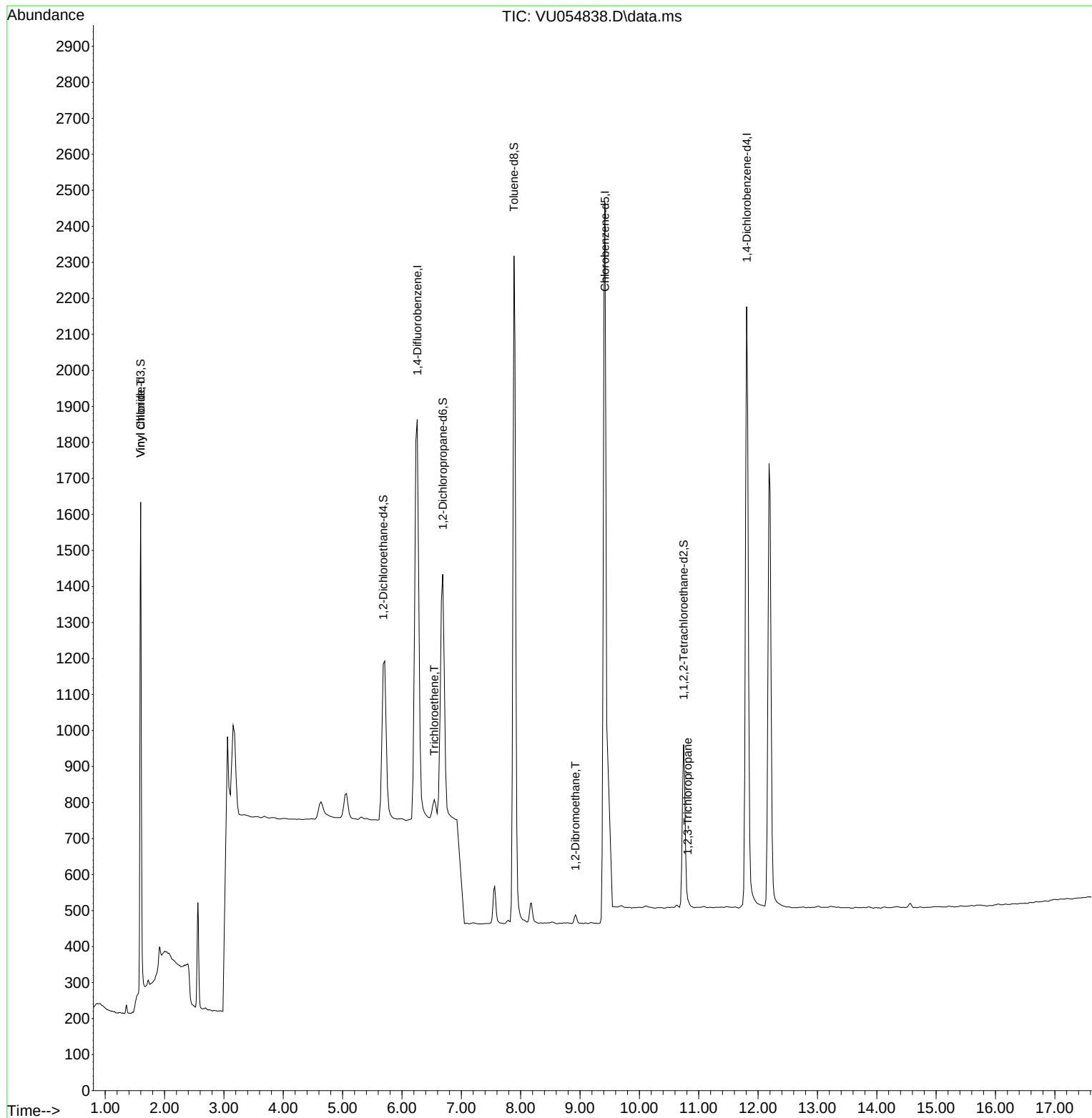
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	3973	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.419	117	5762	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.808	152	1751	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.597	65	1706	0.428	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	86.000%		
4) 1,2-Dichloroethane-d4	5.685	65	929	0.436	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	88.000%		
7) 1,2-Dichloropropane-d6	6.687	67	1256	0.485	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery =	98.000%		
8) Toluene-d8	7.887	98	3445	0.449	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	90.000%		
10) 1,1,2,2-Tetrachloroeth...	10.745	84	909	0.455	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	90.000%		
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.597	62	220	0.036	ug/L #	32
6) Trichloroethene	6.544	95	59	0.021	ug/L	87
9) 1,2-Dibromoethane	8.924	107	33	0.019	ug/L #	75
12) 1,2,3-Trichloropropane	10.814	75	35	0.024	ug/L #	78

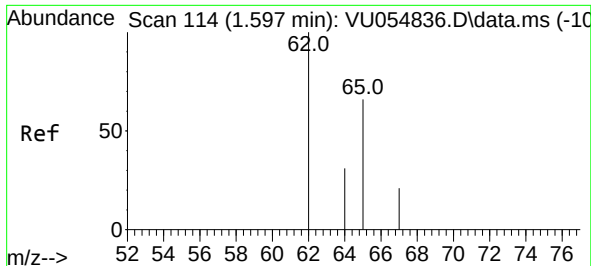
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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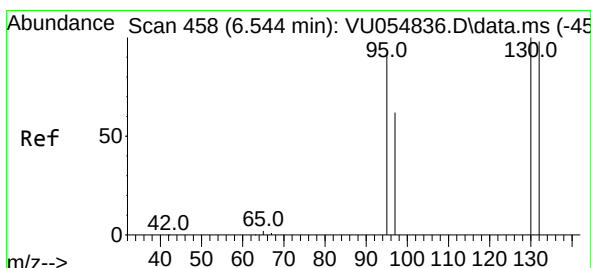
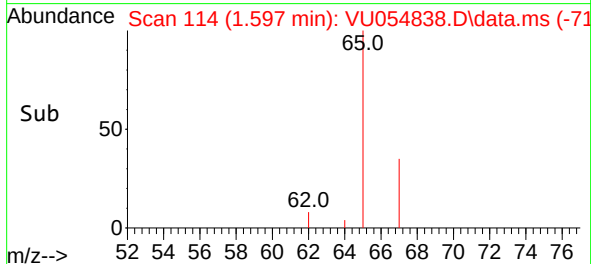
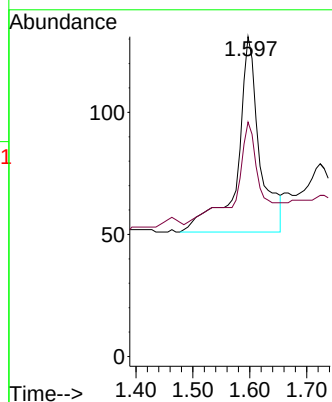
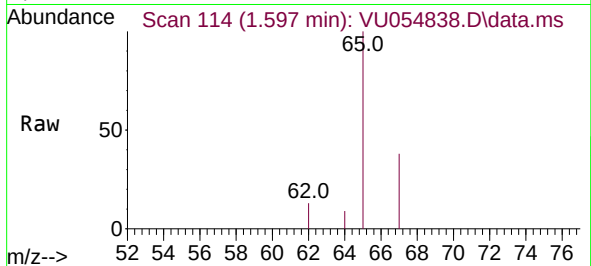




#3
 Vinyl chloride
 Concen: 0.036 ug/L
 RT: 1.597 min Scan# 114
 Delta R.T. 0.000 min
 Lab File: VU054838.D
 Acq: 21 Jul 2023 11:37

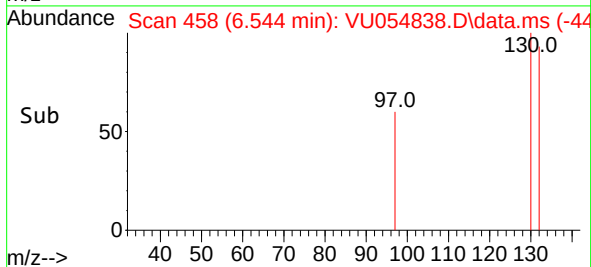
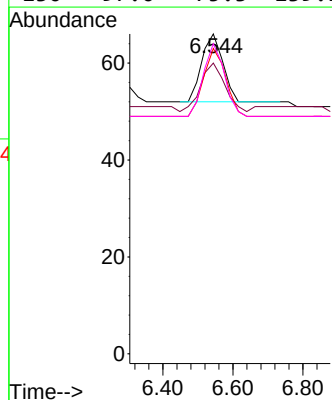
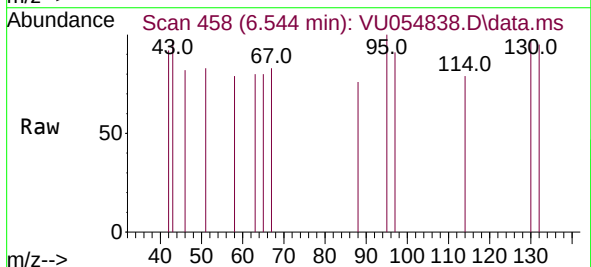
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2023-06

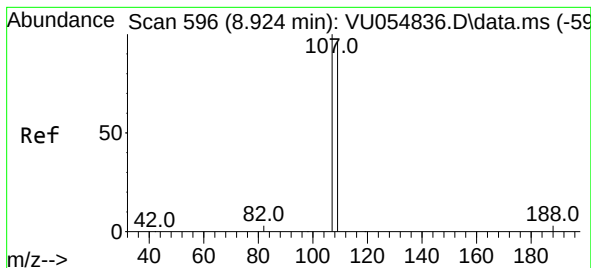
Tgt Ion: 62 Resp: 220
 Ion Ratio Lower Upper
 62 100
 64 73.3 23.9 44.3#



#6
 Trichloroethene
 Concen: 0.021 ug/L
 RT: 6.544 min Scan# 458
 Delta R.T. 0.000 min
 Lab File: VU054838.D
 Acq: 21 Jul 2023 11:37

Tgt Ion: 95 Resp: 59
 Ion Ratio Lower Upper
 95 100
 97 90.9 50.2 93.2
 132 95.5 72.5 134.7
 130 97.0 75.3 139.9





#9

1,2-Dibromoethane

Concen: 0.019 ug/L

RT: 8.924 min Scan# 596

Delta R.T. 0.000 min

Lab File: VU054838.D

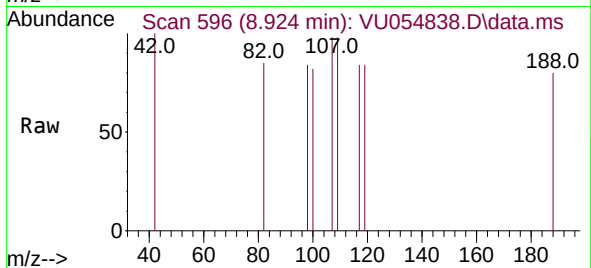
Acq: 21 Jul 2023 11:37

Instrument :

MSVOA_U

ClientSampleId :

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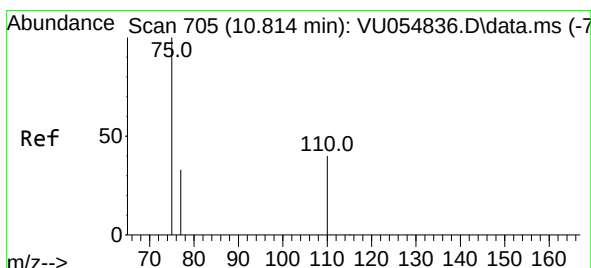
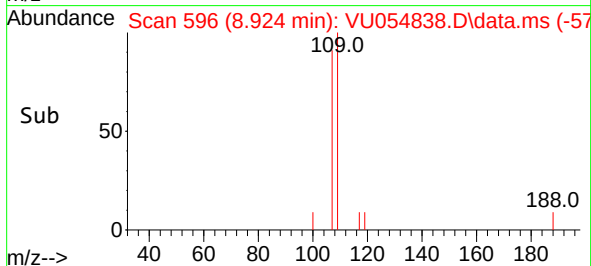
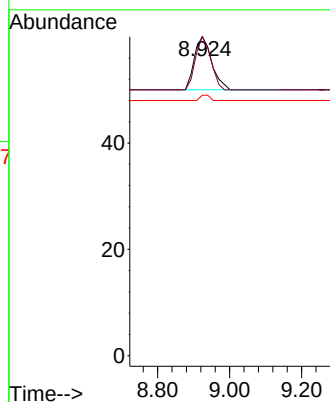
Tgt Ion:107 Resp: 33

Ion Ratio Lower Upper

107 100

109 100.0 68.4 127.0

188 81.7 15.0 22.6#



#12

1,2,3-Trichloropropane

Concen: 0.024 ug/L

RT: 10.814 min Scan# 705

Delta R.T. 0.000 min

Lab File: VU054838.D

Acq: 21 Jul 2023 11:37

Tgt Ion: 75 Resp: 35

Ion Ratio Lower Upper

75 100

110 25.7 32.6 49.0#

77 42.9 26.1 39.1#

