

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072023\
 Data File : VU054833.D
 Acq On : 20 Jul 2023 14:47
 Operator : MD/SY
 Sample : 03573-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Jul 21 01:16:08 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)

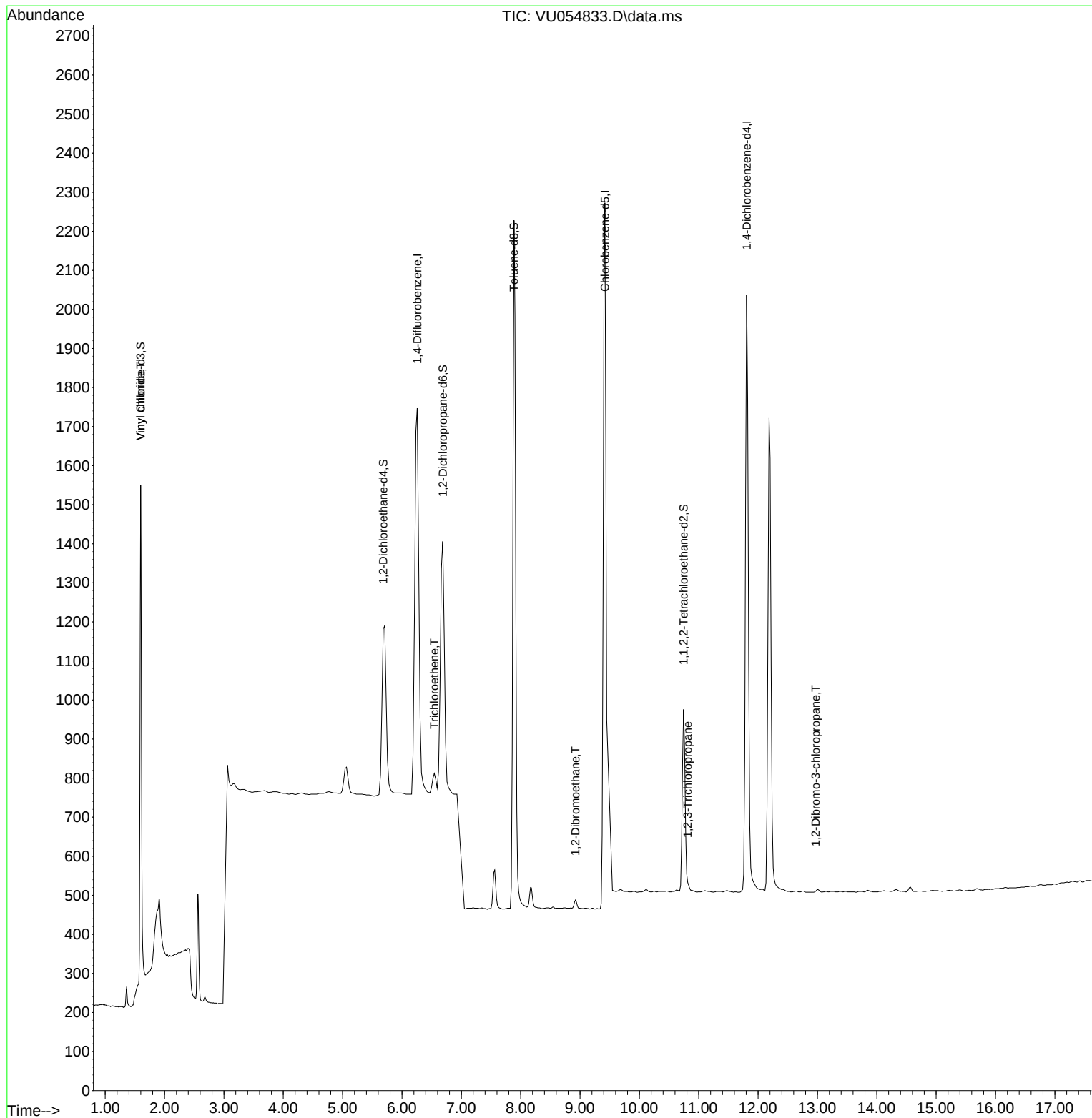
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	3500	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.418	117	5270	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.808	152	1586	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.597	65	1588	0.452	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	90.000%
4) 1,2-Dichloroethane-d4	5.685	65	912	0.485	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
7) 1,2-Dichloropropane-d6	6.687	67	1187	0.501	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	100.000%
8) Toluene-d8	7.887	98	3274	0.467	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.745	84	943	0.516	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.597	62	216	0.040	ug/L #	28
6) Trichloroethene	6.544	95	74	0.029	ug/L	88
9) 1,2-Dibromoethane	8.924	107	37	0.023	ug/L #	75
12) 1,2,3-Trichloropropane	10.814	75	35	0.026	ug/L #	86
13) 1,2-Dibromo-3-chloropr...	12.973	75	5	0.020	ug/L	96

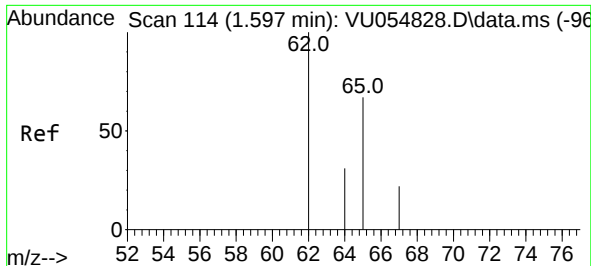
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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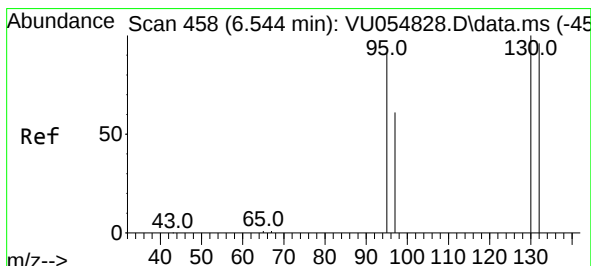
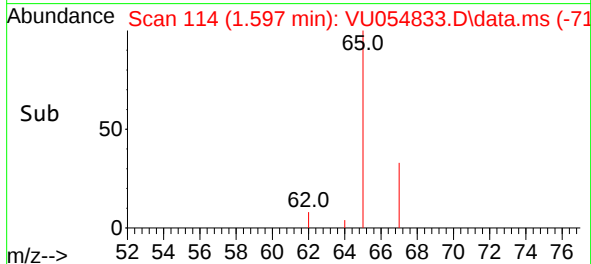
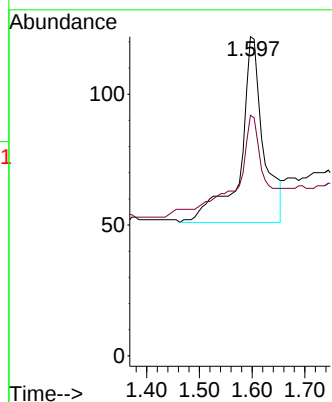
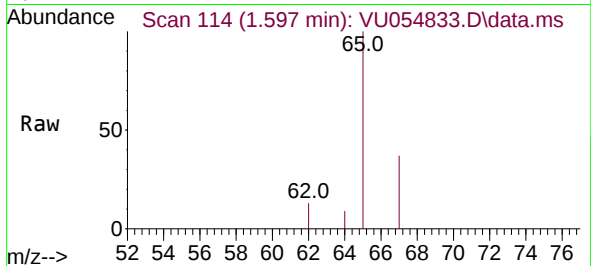




#3
 Vinyl chloride
 Concen: 0.040 ug/L
 RT: 1.597 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: VU054833.D
 Acq: 20 Jul 2023 14:47

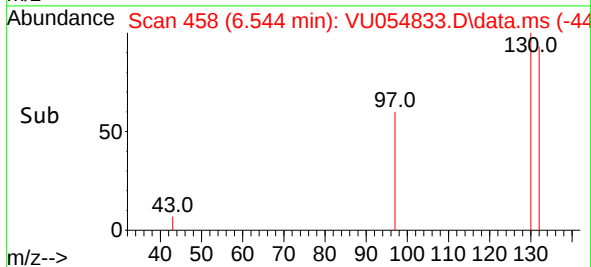
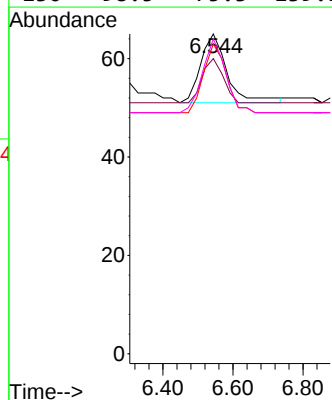
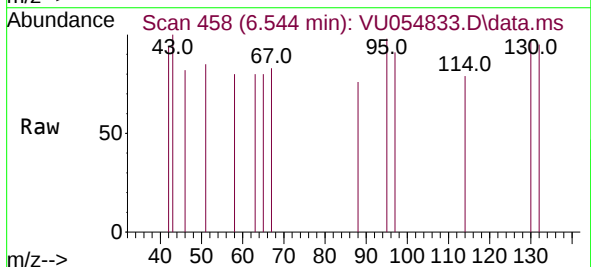
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2023-05

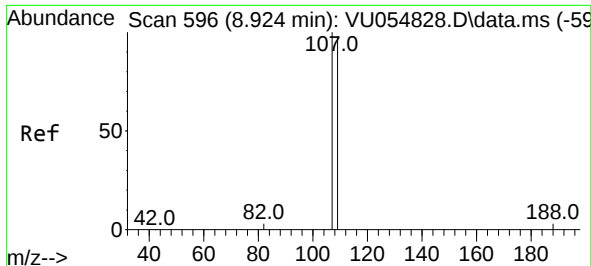
Tgt Ion: 62 Resp: 216
 Ion Ratio Lower Upper
 62 100
 64 75.4 23.9 44.3#



#6
 Trichloroethene
 Concen: 0.029 ug/L
 RT: 6.544 min Scan# 458
 Delta R.T. -0.000 min
 Lab File: VU054833.D
 Acq: 20 Jul 2023 14:47

Tgt Ion: 95 Resp: 74
 Ion Ratio Lower Upper
 95 100
 97 92.3 50.2 93.2
 132 96.9 72.5 134.7
 130 98.5 75.3 139.9

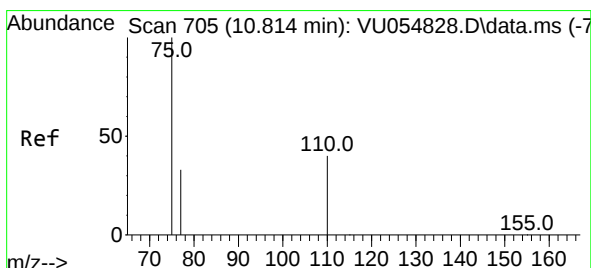
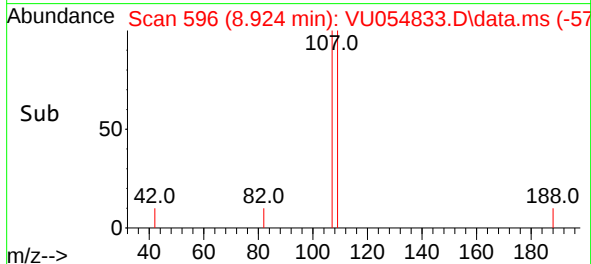
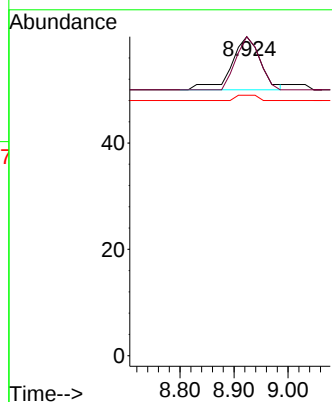
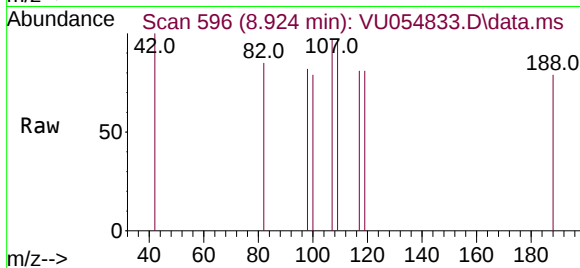




#9
1,2-Dibromoethane
Concen: 0.023 ug/L
RT: 8.924 min Scan# 596
Delta R.T. -0.000 min
Lab File: VU054833.D
Acq: 20 Jul 2023 14:47

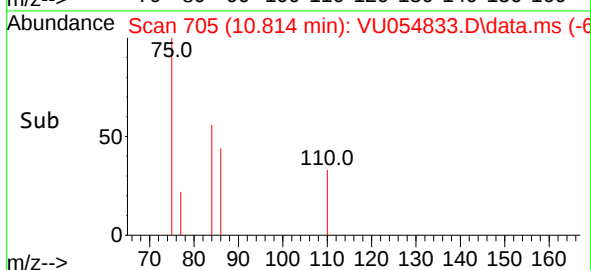
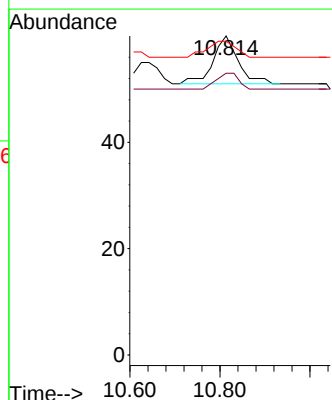
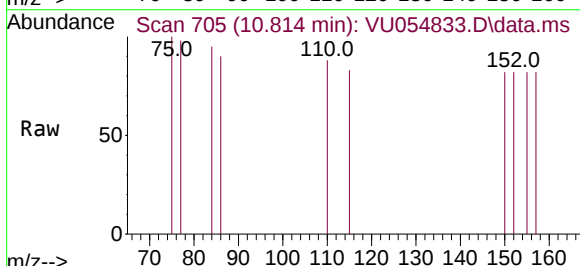
Instrument :
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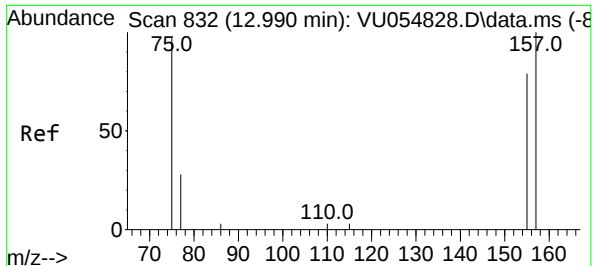
Tgt Ion:	107	Resp:	37
Ion	Ratio	Lower	Upper
107	100		
109	100.0	68.4	127.0
188	81.7	15.0	22.6#



#12
1,2,3-Trichloropropane
Concen: 0.026 ug/L
RT: 10.814 min Scan# 705
Delta R.T. -0.000 min
Lab File: VU054833.D
Acq: 20 Jul 2023 14:47

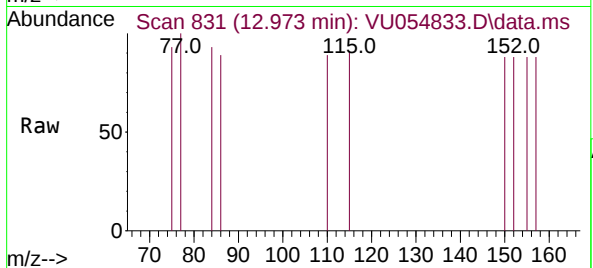
Tgt Ion:	75	Resp:	35
Ion	Ratio	Lower	Upper
75	100		
110	28.6	32.6	49.0#
77	37.1	26.1	39.1





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.020 ug/L
 RT: 12.973 min Scan# 81
 Delta R.T. -0.017 min
 Lab File: VU054833.D
 Acq: 20 Jul 2023 14:47

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2023-05



Tgt Ion: 75	Resp: 5
Ion Ratio	Lower Upper
75 100	
157 94.2	78.2 117.4
155 94.2	71.9 107.9

