

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021623\
 Data File : VU053117.D
 Acq On : 16 Feb 2023 12:49
 Operator : JC/MD
 Sample : 01378-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-02

Quant Time: Feb 17 00:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM021523.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 16 00:50:34 2023
 Response via : Initial Calibration

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

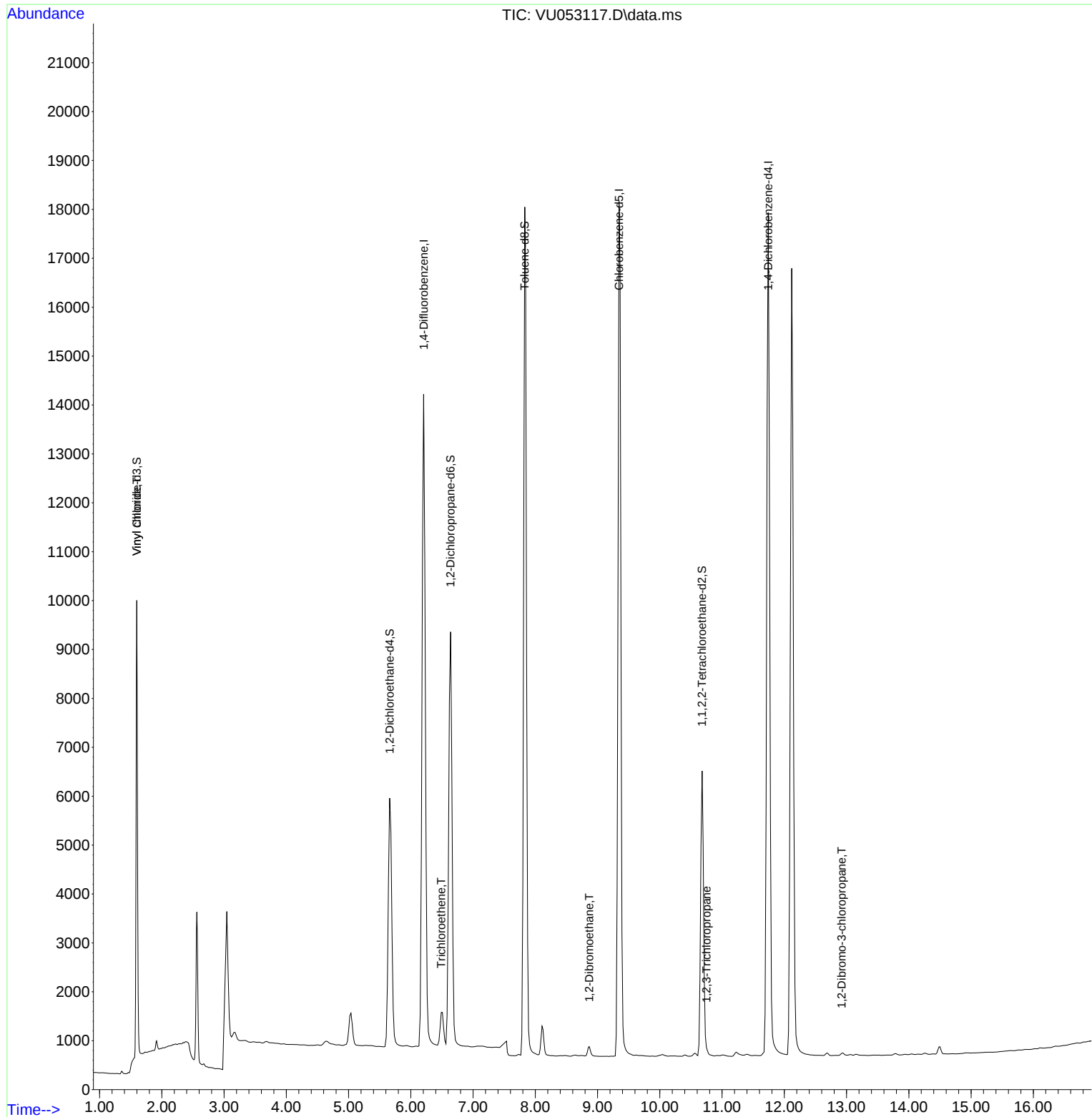
Internal Standards						
1) 1,4-Difluorobenzene	6.207	114	35967	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.346	117	31170	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.742	152	17955	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.599	65	11709	0.486	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	98.000%		
4) 1,2-Dichloroethane-d4	5.661	65	10298	0.456	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	92.000%		
7) 1,2-Dichloropropane-d6	6.639	67	14024	0.528	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery =	106.000%		
8) Toluene-d8	7.830	98	31818	0.480	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	96.000%		
10) 1,1,2,2-Tetrachloroeth...	10.679	84	11476	0.506	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	102.000%		
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.599	62	960	0.038	ug/L #	45
6) Trichloroethene	6.489	95	743	0.027	ug/L	85
9) 1,2-Dibromoethane	8.866	107	300	0.017	ug/L #	93
12) 1,2,3-Trichloropropane	10.748	75	260	0.017	ug/L #	92
13) 1,2-Dibromo-3-chloropr...	12.924	75	80	0.025	ug/L	95

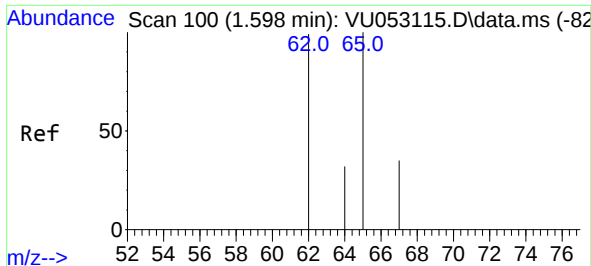
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.038 ug/L

RT: 1.599 min Scan# 100

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

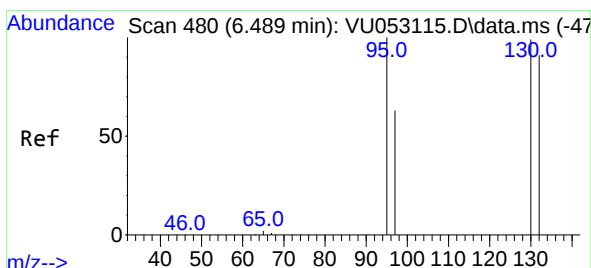
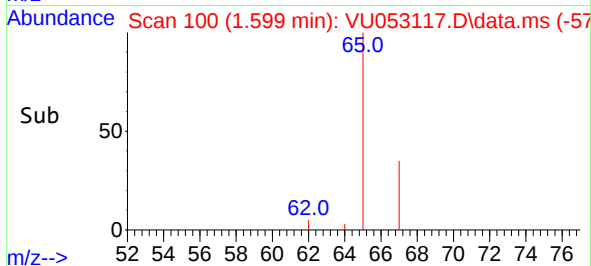
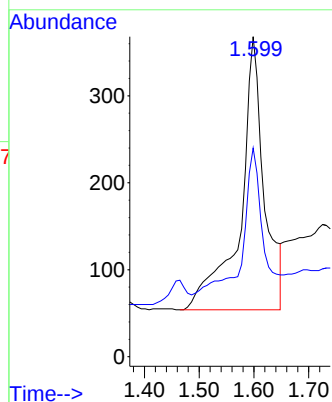
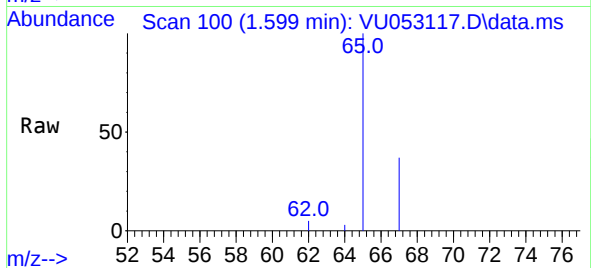
MDL-WATER-QT1-2023-02

Tgt Ion: 62 Resp: 960

Ion Ratio Lower Upper

62 100

64 65.2 23.7 43.9#



#6

Trichloroethene

Concen: 0.027 ug/L

RT: 6.489 min Scan# 480

Delta R.T. 0.000 min

Lab File: VU053117.D

Acq: 16 Feb 2023 12:49

Tgt Ion: 95 Resp: 743

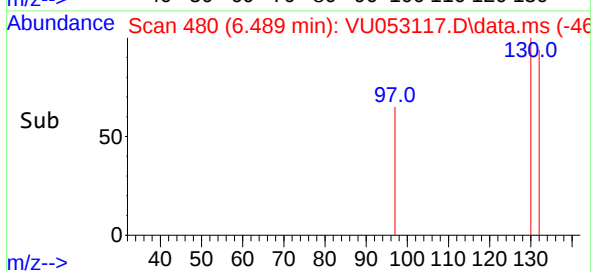
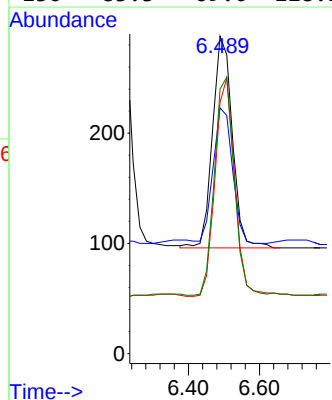
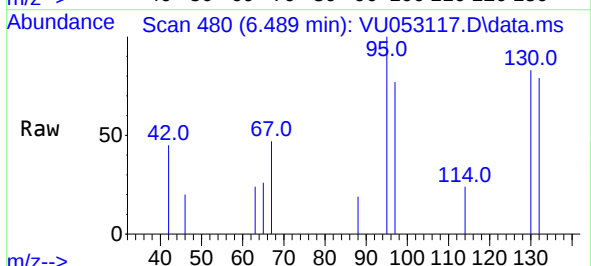
Ion Ratio Lower Upper

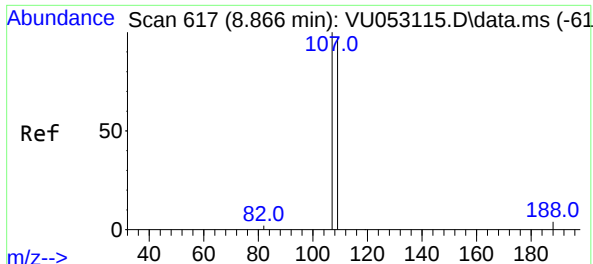
95 100

97 77.4 44.7 83.1

132 79.2 64.0 118.8

130 83.3 69.0 128.2



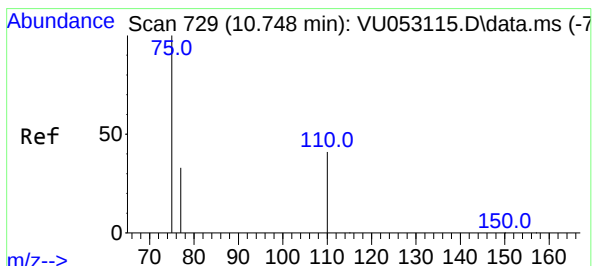
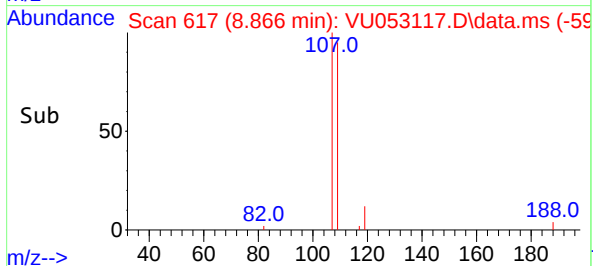
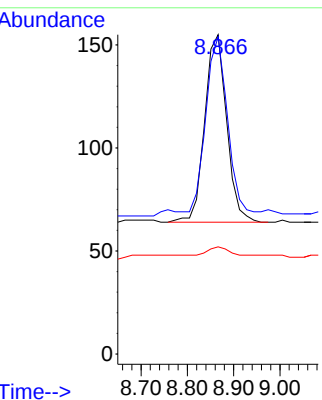
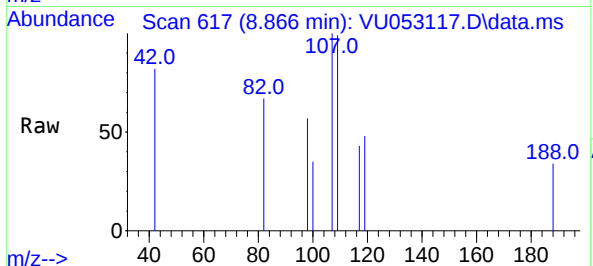


#9
1,2-Dibromoethane
Concen: 0.017 ug/L
RT: 8.866 min Scan# 617
Delta R.T. 0.000 min
Lab File: VU053117.D
Acq: 16 Feb 2023 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2023-02

Tgt Ion:107 Resp: 300

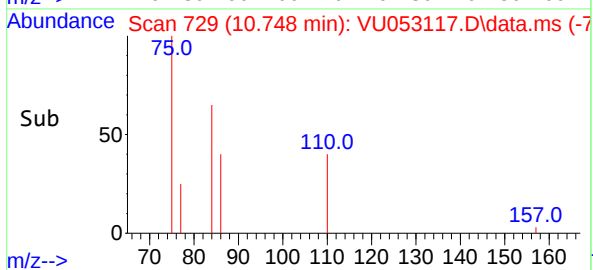
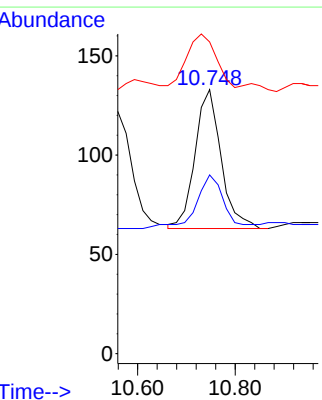
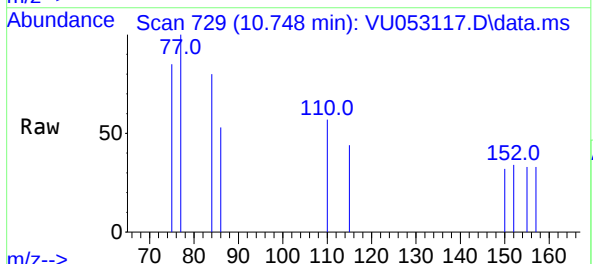
Ion	Ratio	Lower	Upper
107	100		
109	99.4	68.2	126.6
188	33.5	4.9	7.3#

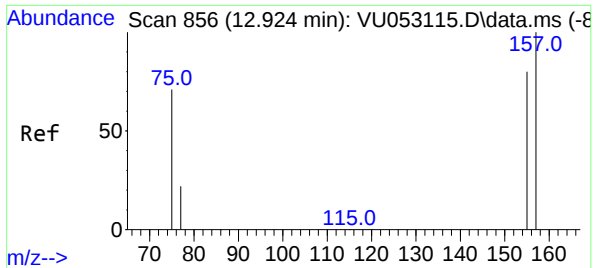


#12
1,2,3-Trichloropropane
Concen: 0.017 ug/L
RT: 10.748 min Scan# 729
Delta R.T. 0.000 min
Lab File: VU053117.D
Acq: 16 Feb 2023 12:49

Tgt Ion: 75 Resp: 260

Ion	Ratio	Lower	Upper
75	100		
110	40.8	31.5	47.3
77	42.7	27.0	40.4#





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.025 ug/L
 RT: 12.924 min Scan# 80
 Delta R.T. 0.017 min
 Lab File: VU053117.D
 Acq: 16 Feb 2023 12:49

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2023-02

Tgt Ion:	75	Resp:	80
Ion	Ratio	Lower	Upper
75	100		
157	82.7	67.2	100.8
155	80.2	58.2	87.2

