

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050423\
 Data File : VV030987.D
 Acq On : 04 May 2023 12:52
 Operator : SY/MD
 Sample : 02215-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Quant Time: May 05 05:15:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVSIM050223.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 03 06:25:35 2023
 Response via : Initial Calibration

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

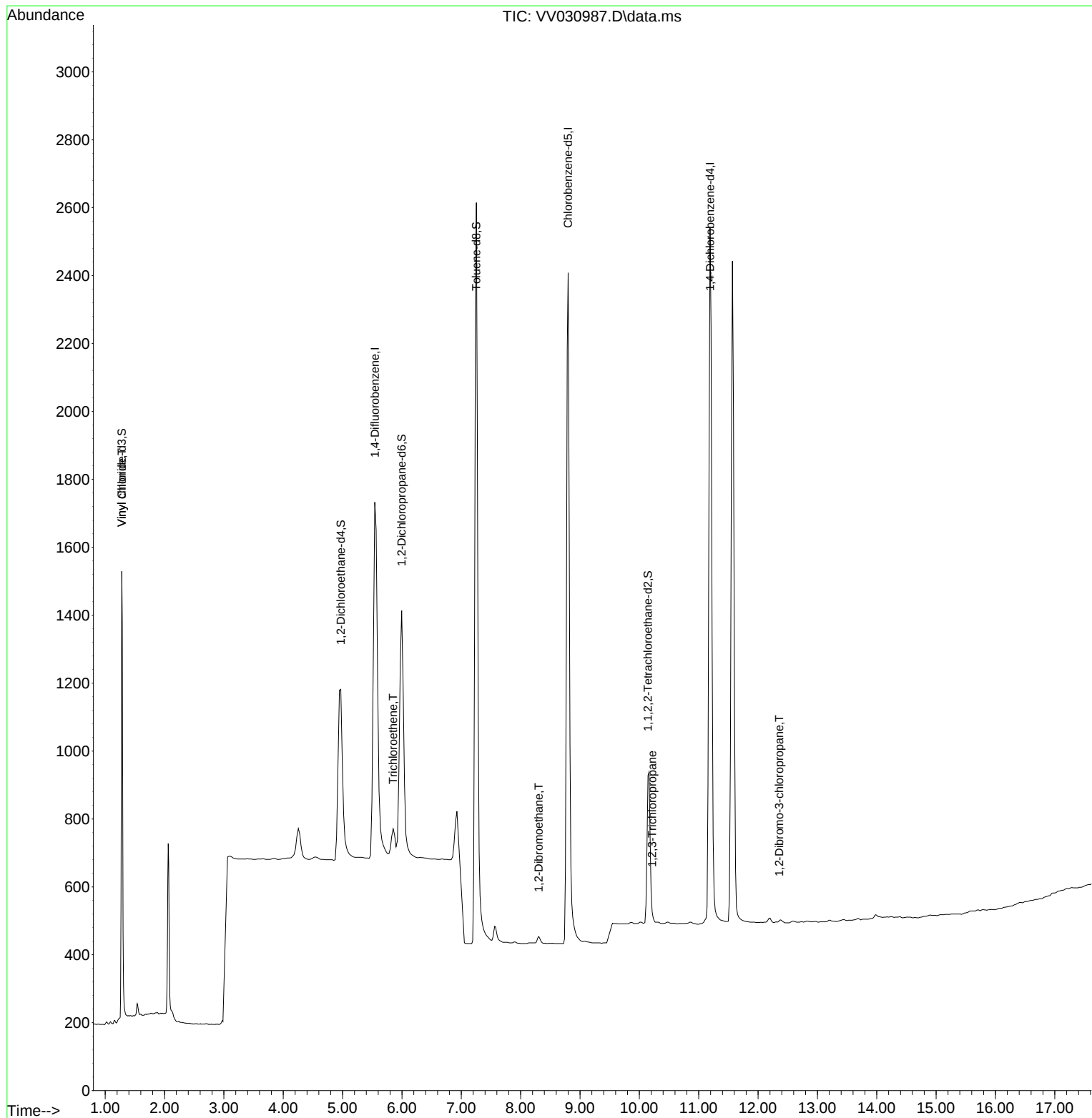
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	4026	0.500	ug/L	0.00
5) Chlorobenzene-d5	8.800	117	3782	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.191	152	2206	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.280	65	1537	0.450	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	90.000%
4) 1,2-Dichloroethane-d4	4.970	65	1350	0.464	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	5.996	67	1246	0.497	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	100.000%
8) Toluene-d8	7.254	98	4407	0.481	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.146	84	974	0.496	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.280	62	65	0.021	ug/L #	13
6) Trichloroethene	5.852	95	106	0.036	ug/L	90
9) 1,2-Dibromoethane	8.305	107	35	0.021	ug/L #	75
12) 1,2,3-Trichloropropane	10.214	75	33	0.024	ug/L #	45
13) 1,2-Dibromo-3-chloropr...	12.357	75	10	0.032	ug/L	92

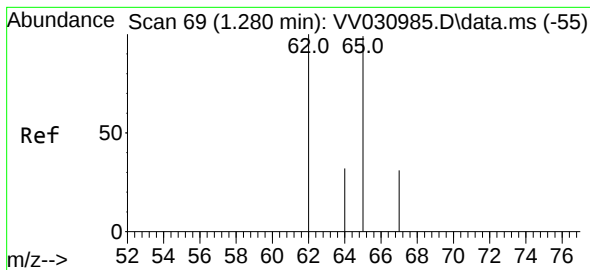
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.021 ug/L

RT: 1.280 min Scan# 69

Delta R.T. 0.000 min

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MSVOA_V

ClientSampleId :

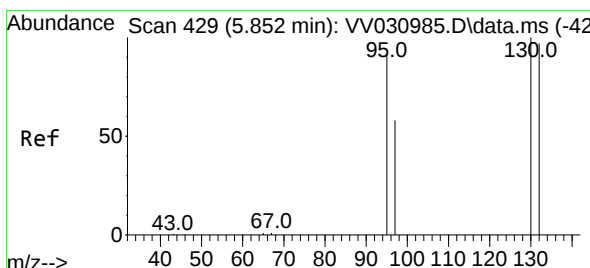
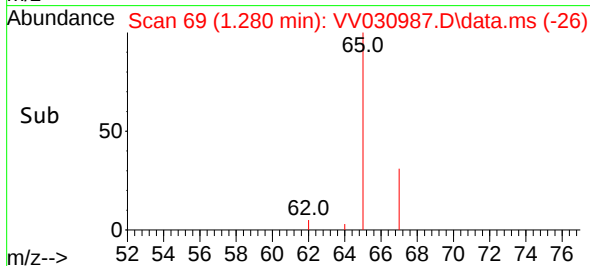
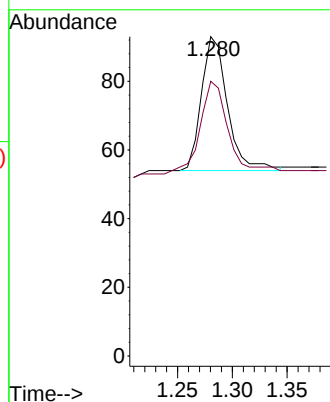
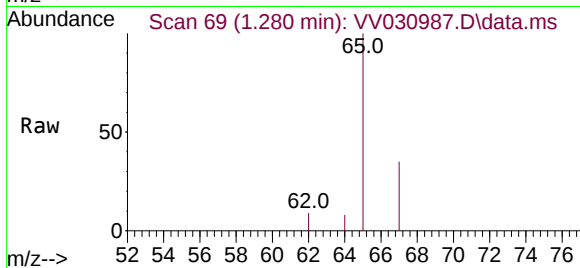
MDL-WATER-QT2-2023-04

Tgt Ion: 62 Resp: 65

Ion Ratio Lower Upper

62 100

64 86.0 24.6 45.8#



#6

Trichloroethene

Concen: 0.036 ug/L

RT: 5.852 min Scan# 429

Delta R.T. 0.000 min

Lab File: VV030987.D

Acq: 04 May 2023 12:52

Tgt Ion: 95 Resp: 106

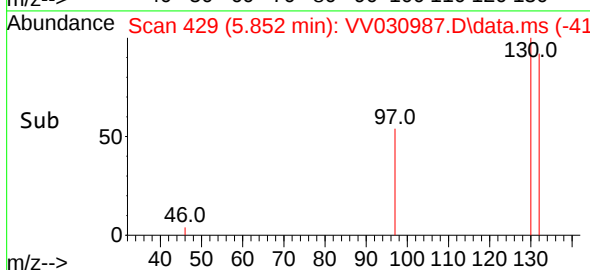
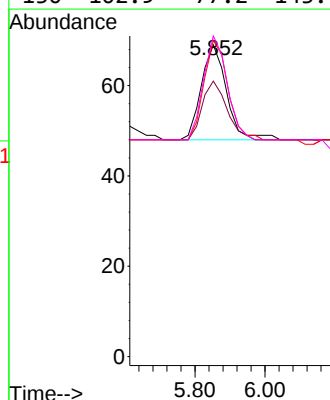
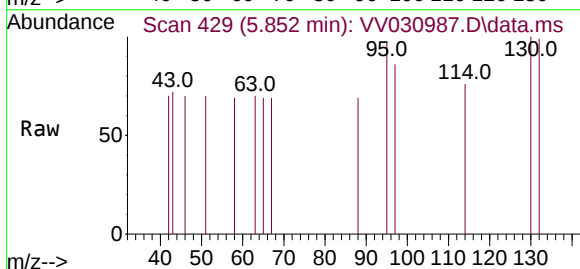
Ion Ratio Lower Upper

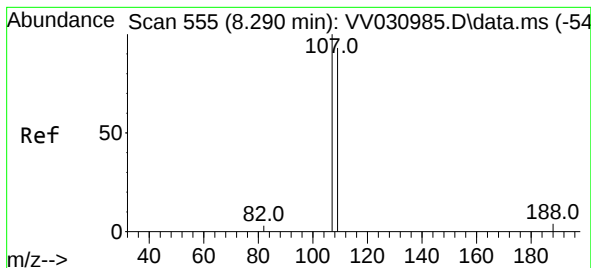
95 100

97 88.4 49.6 92.2

132 101.4 76.2 141.4

130 102.9 77.2 143.4





#9

1,2-Dibromoethane

Concen: 0.021 ug/L

RT: 8.305 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV030987.D

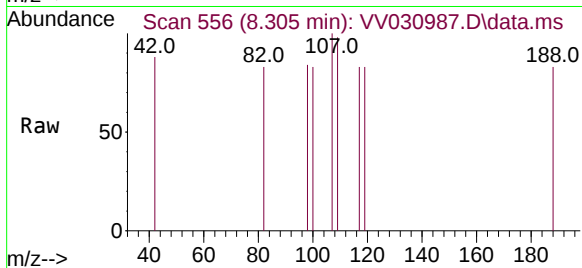
Acq: 04 May 2023 12:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2023-04



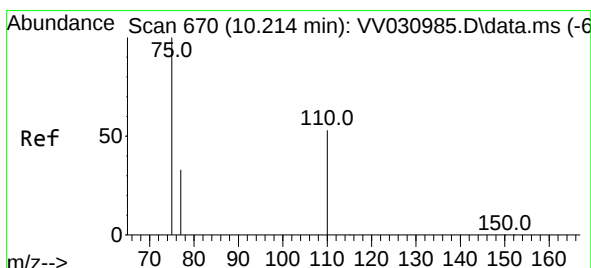
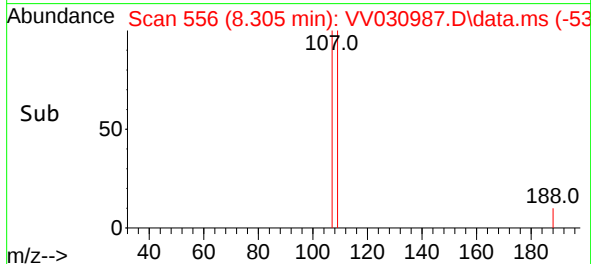
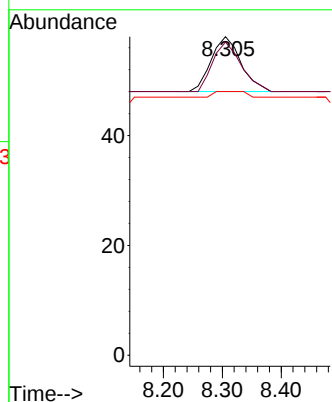
Tgt Ion:107 Resp: 35

Ion Ratio Lower Upper

107 100

109 98.3 67.3 125.1

188 82.8 16.2 24.4#



#12

1,2,3-Trichloropropane

Concen: 0.024 ug/L

RT: 10.214 min Scan# 670

Delta R.T. 0.000 min

Lab File: VV030987.D

Acq: 04 May 2023 12:52

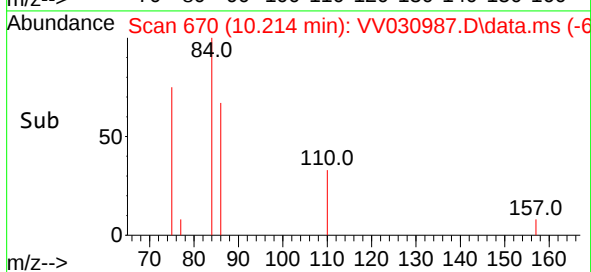
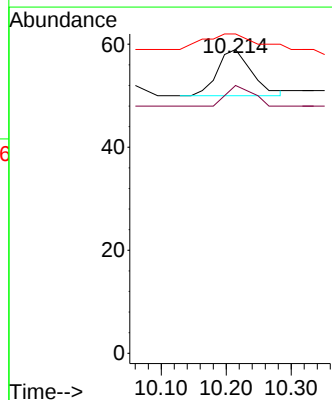
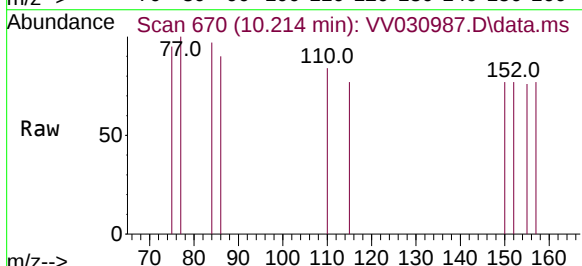
Tgt Ion: 75 Resp: 33

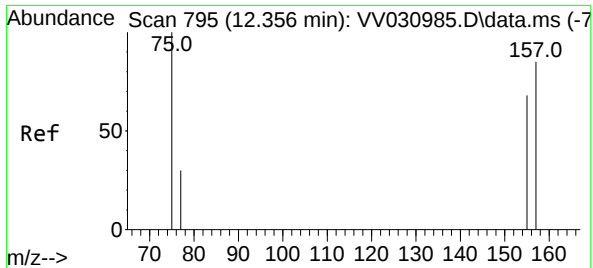
Ion Ratio Lower Upper

75 100

110 33.3 38.9 58.3#

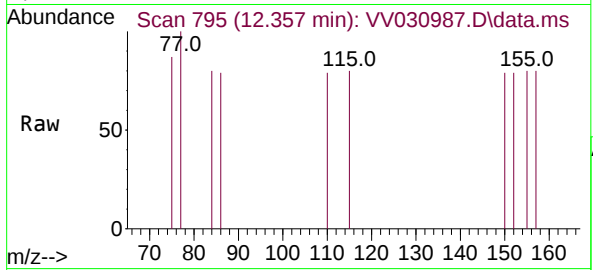
77 90.9 26.7 40.1#





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.032 ug/L
 RT: 12.357 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VV030987.D
 Acq: 04 May 2023 12:52

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2023-04



Tgt Ion: 75	Resp:	10
Ion	Ratio	Lower Upper
75	100	
157	92.5	70.1 105.1
155	92.5	66.0 99.0

