

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021623\
 Data File : VU053115.D
 Acq On : 16 Feb 2023 10:16
 Operator : JC/MD
 Sample : VSTDCCC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5099

Quant Time: Feb 17 00:39:52 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)

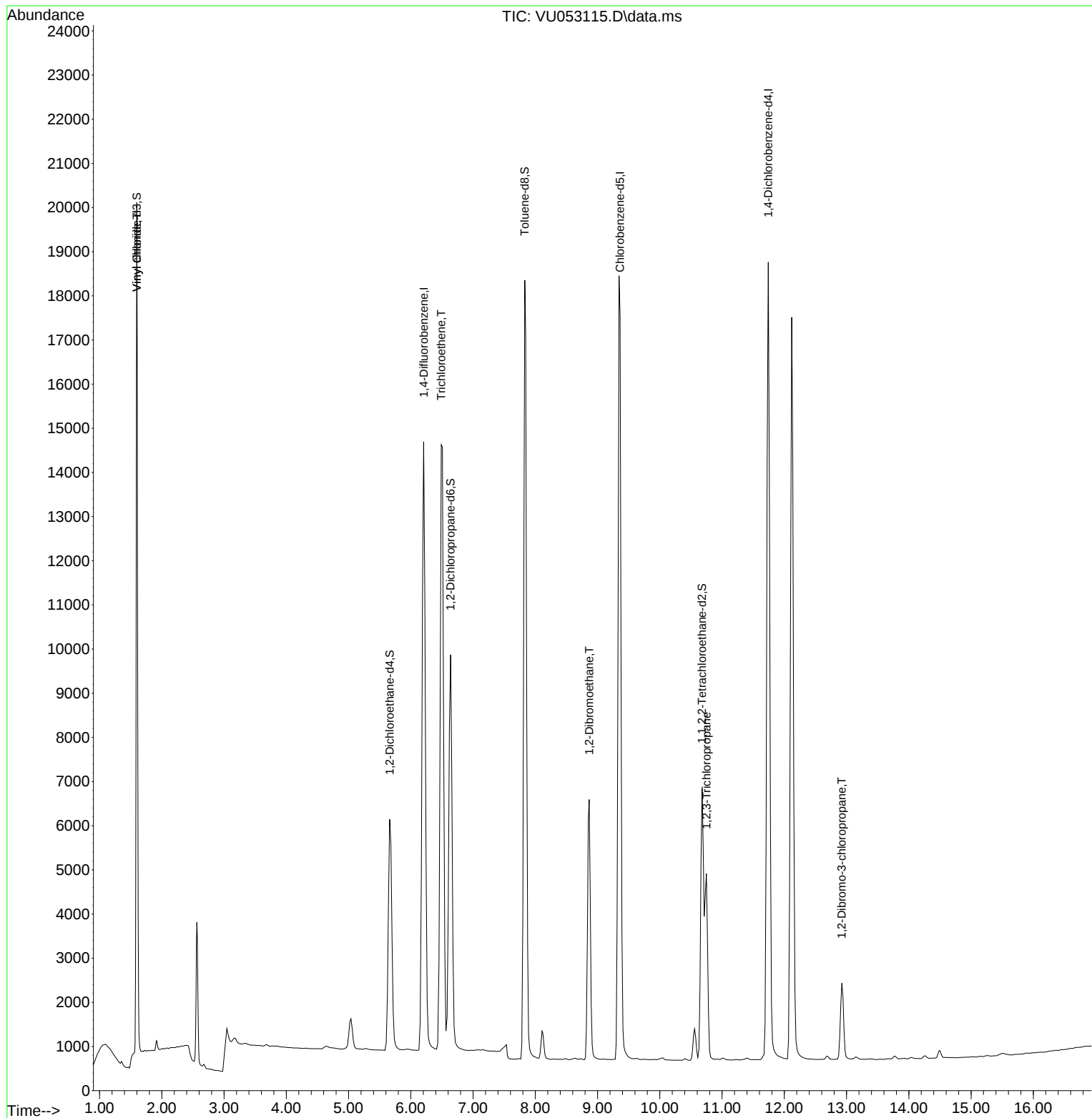
Internal Standards						
1) 1,4-Difluorobenzene	6.206	114	37144	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.361	117	32221	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.742	152	18556	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.598	65	12502	0.503	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.000%
4) 1,2-Dichloroethane-d4	5.661	65	10706	0.460	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	92.000%
7) 1,2-Dichloropropane-d6	6.639	67	14639	0.533	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	106.000%
8) Toluene-d8	7.830	98	32743	0.478	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.679	84	12015	0.512	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.598	62	12162	0.463	ug/L	99
6) Trichloroethene	6.489	95	14311	0.496	ug/L	99
9) 1,2-Dibromoethane	8.866	107	9500	0.532	ug/L	100
12) 1,2,3-Trichloropropane	10.748	75	8005	0.512	ug/L	99
13) 1,2-Dibromo-3-chloropr...	12.924	75	1632	0.489	ug/L #	51

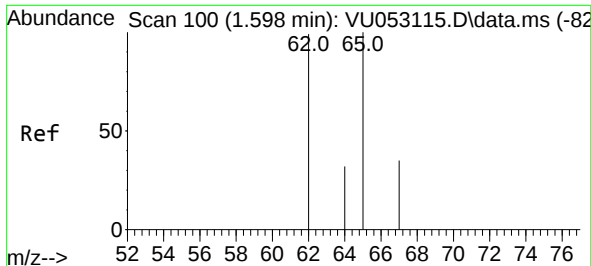
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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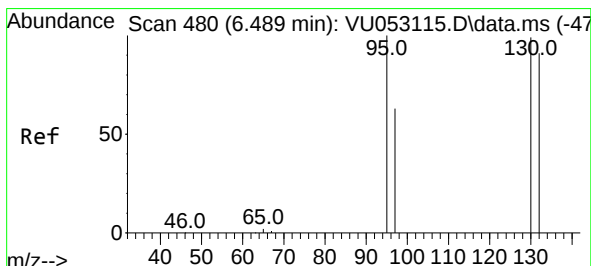
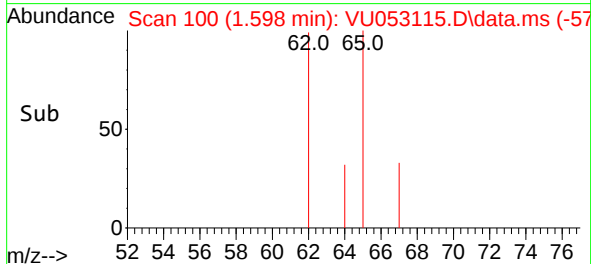
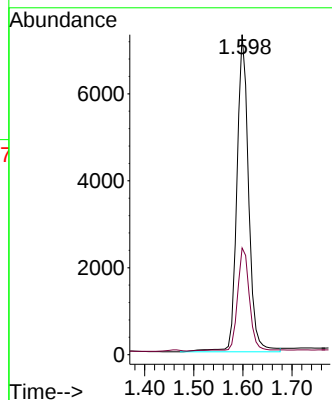
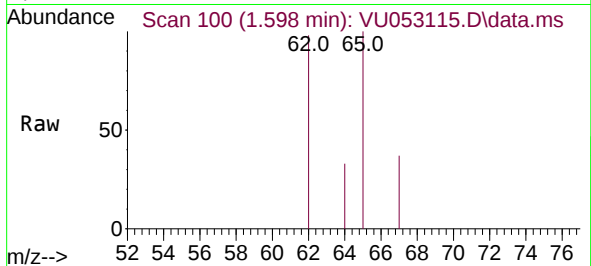




#3
 Vinyl chloride
 Concen: 0.463 ug/L
 RT: 1.598 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VU053115.D
 Acq: 16 Feb 2023 10:16

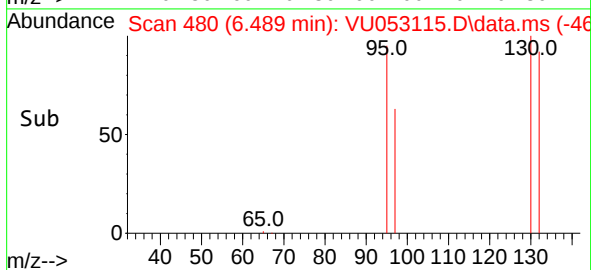
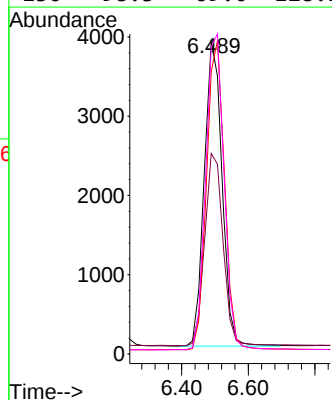
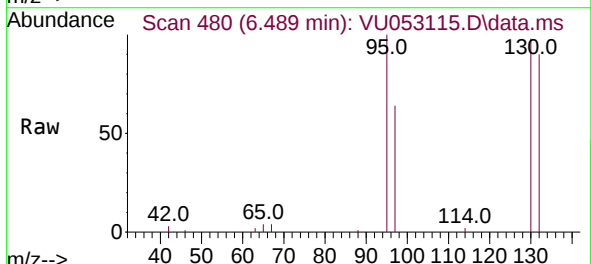
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5099

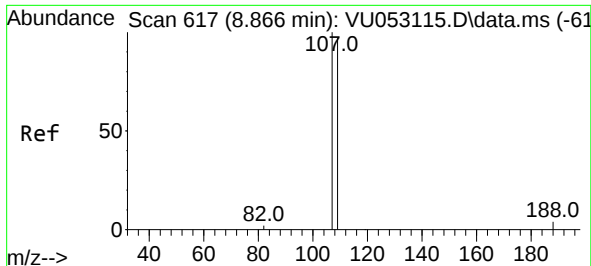
Tgt Ion: 62 Resp: 12162
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.7 43.9



#6
 Trichloroethene
 Concen: 0.496 ug/L
 RT: 6.489 min Scan# 480
 Delta R.T. 0.000 min
 Lab File: VU053115.D
 Acq: 16 Feb 2023 10:16

Tgt Ion: 95 Resp: 14311
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.7 83.1
 132 90.3 64.0 118.8
 130 98.3 69.0 128.2

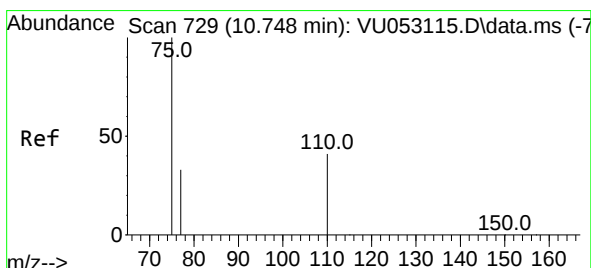
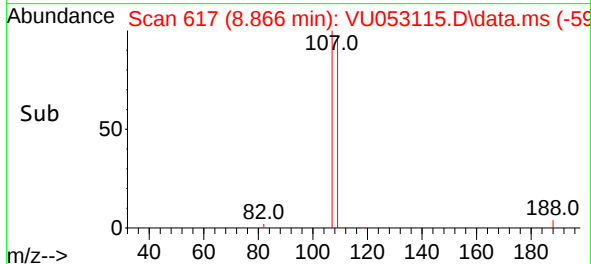
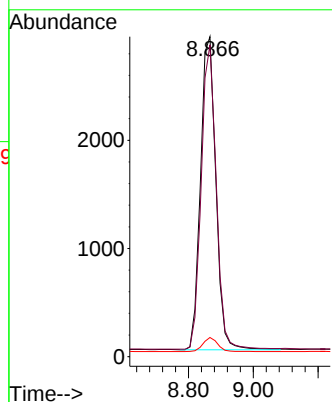
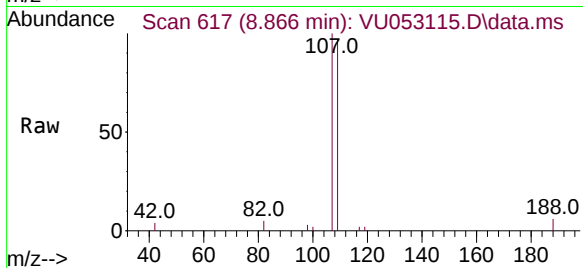




#9
1,2-Dibromoethane
Concen: 0.532 ug/L
RT: 8.866 min Scan# 617
Delta R.T. 0.000 min
Lab File: VU053115.D
Acq: 16 Feb 2023 10:16

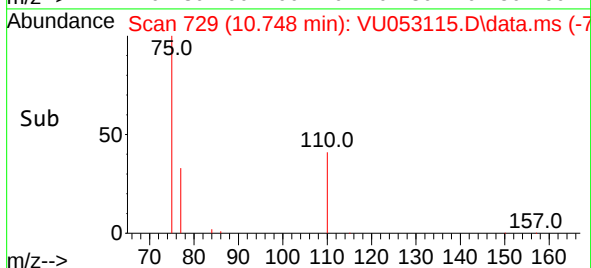
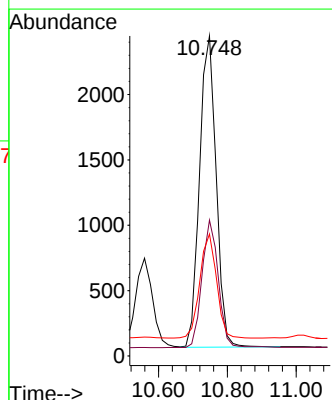
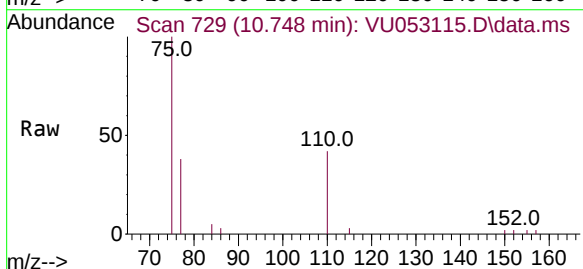
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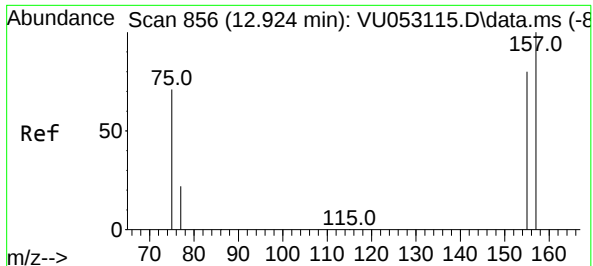
Tgt Ion:107 Resp: 9500
Ion Ratio Lower Upper
107 100
109 97.5 68.2 126.6
188 6.0 4.9 7.3



#12
1,2,3-Trichloropropane
Concen: 0.512 ug/L
RT: 10.748 min Scan# 729
Delta R.T. 0.000 min
Lab File: VU053115.D
Acq: 16 Feb 2023 10:16

Tgt Ion: 75 Resp: 8005
Ion Ratio Lower Upper
75 100
110 40.4 31.5 47.3
77 33.7 27.0 40.4





#13

1,2-Dibromo-3-chloropropane

Concen: 0.489 ug/L

RT: 12.924 min Scan# 8

Delta R.T. 0.017 min

Lab File: VU053115.D

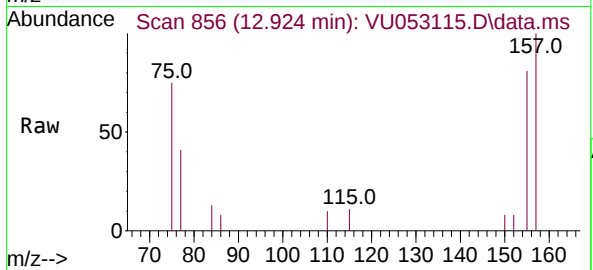
Acq: 16 Feb 2023 10:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5099



Tgt Ion: 75 Resp: 1632

Ion Ratio Lower Upper

75 100

157 133.8 67.2 100.8#

155 108.8 58.2 87.2#

