

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050323\
 Data File : VU054051.D
 Acq On : 03 May 2023 15:20
 Operator : JC/MD
 Sample : VSTDCCC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5103

Quant Time: May 04 06:01:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM042723.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 27 08:10:40 2023
 Response via : Initial Calibration

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

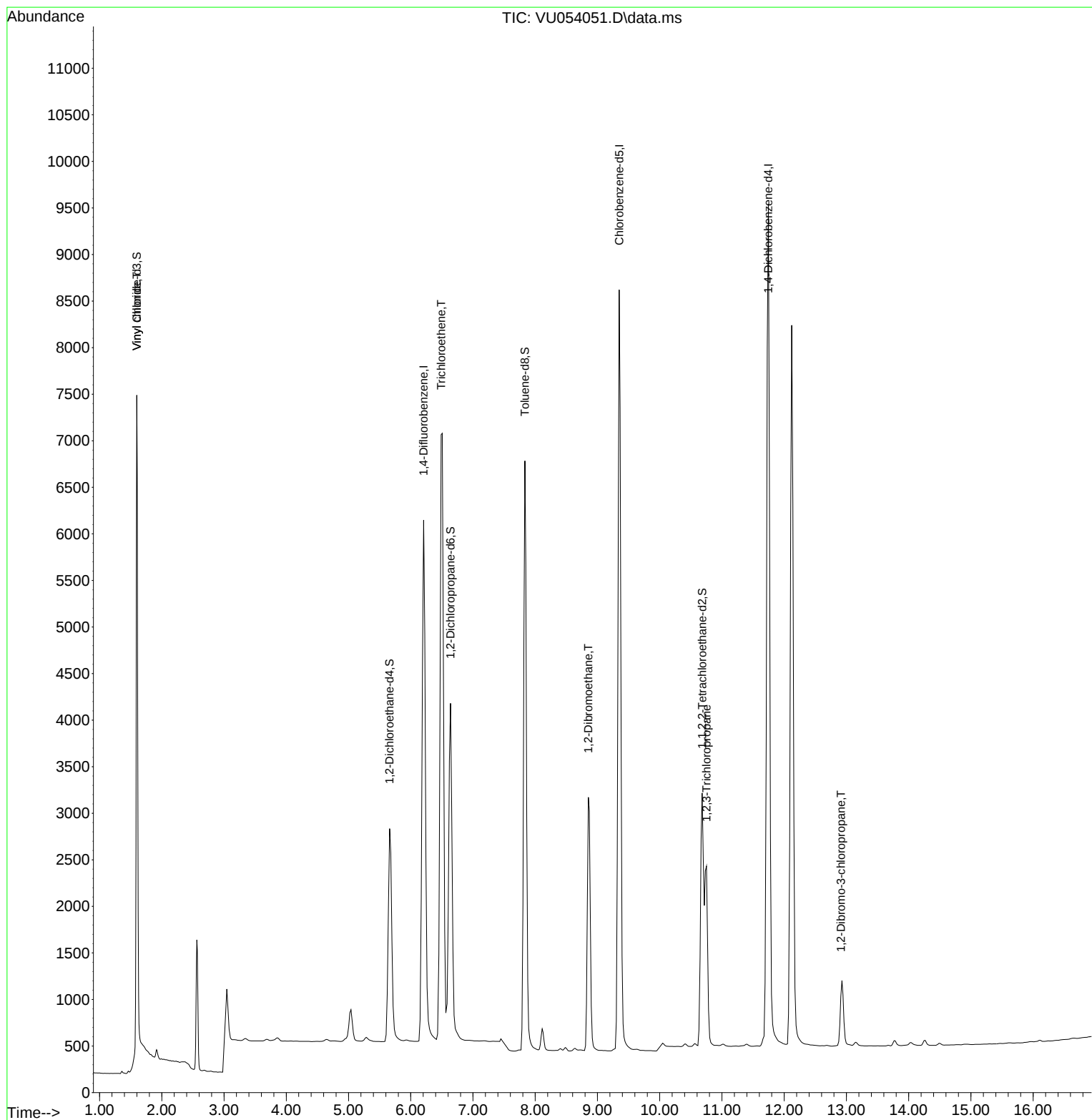
Internal Standards						
1) 1,4-Difluorobenzene	6.206	114	15431	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.349	117	14539	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.745	152	9501	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.598	65	4296	0.381	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	76.000%		
4) 1,2-Dichloroethane-d4	5.660	65	5015	0.432	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	86.000%		
7) 1,2-Dichloropropane-d6	6.639	67	5827	0.400	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery =	80.000%		
8) Toluene-d8	7.833	98	11618	0.429	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	86.000%		
10) 1,1,2,2-Tetrachloroeth...	10.682	84	5456	0.425	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	84.000%		
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.598	62	4530	0.385	ug/L	95
6) Trichloroethene	6.488	95	6899	0.419	ug/L	100
9) 1,2-Dibromoethane	8.854	107	4487	0.456	ug/L	95
12) 1,2,3-Trichloropropane	10.751	75	3791	0.397	ug/L	99
13) 1,2-Dibromo-3-chloropr...	12.910	75	697	0.441	ug/L #	67

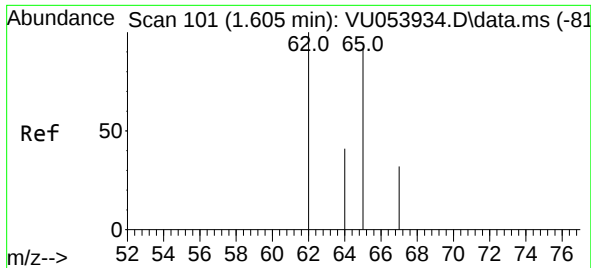
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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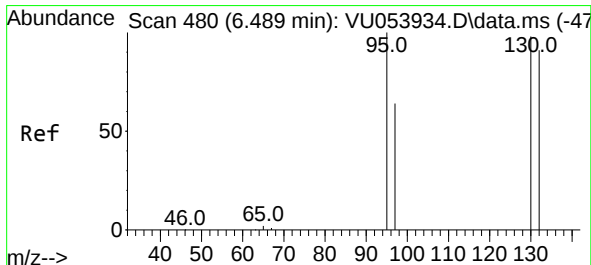
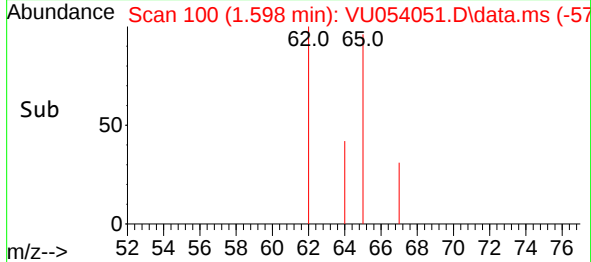
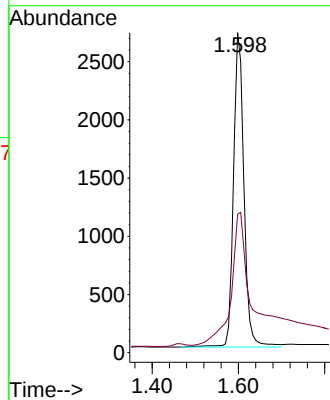
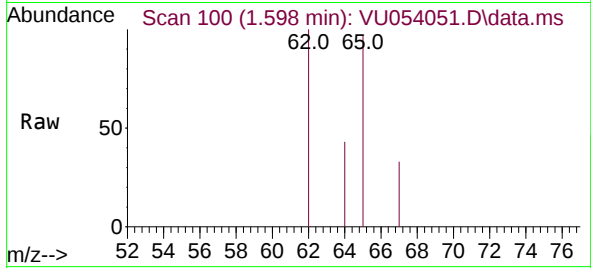




#3
 Vinyl chloride
 Concen: 0.385 ug/L
 RT: 1.598 min Scan# 100
 Delta R.T. -0.000 min
 Lab File: VU054051.D
 Acq: 03 May 2023 15:20

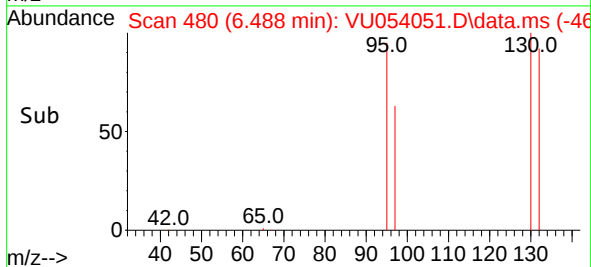
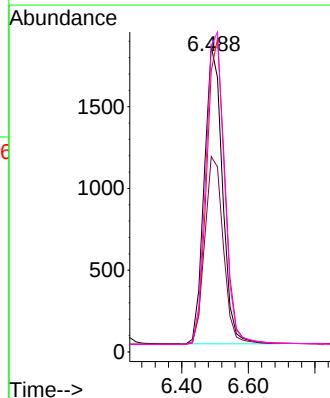
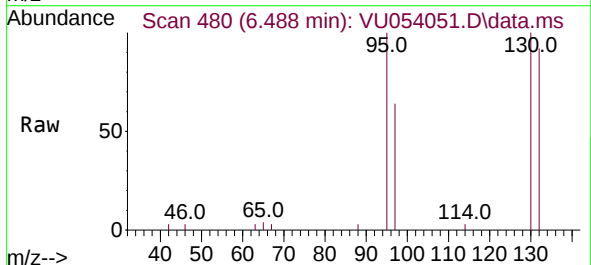
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5103

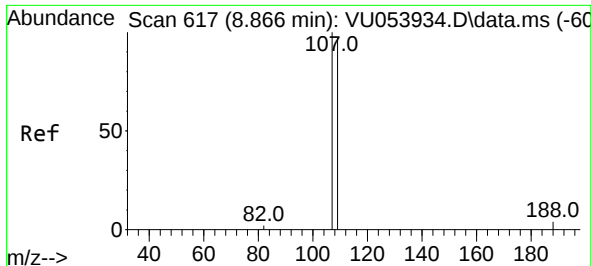
Tgt Ion: 62 Resp: 4530
 Ion Ratio Lower Upper
 62 100
 64 43.3 28.0 52.0



#6
 Trichloroethene
 Concen: 0.419 ug/L
 RT: 6.488 min Scan# 480
 Delta R.T. -0.000 min
 Lab File: VU054051.D
 Acq: 03 May 2023 15:20

Tgt Ion: 95 Resp: 6899
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.4 82.4
 132 91.9 64.0 119.0
 130 99.8 69.8 129.6

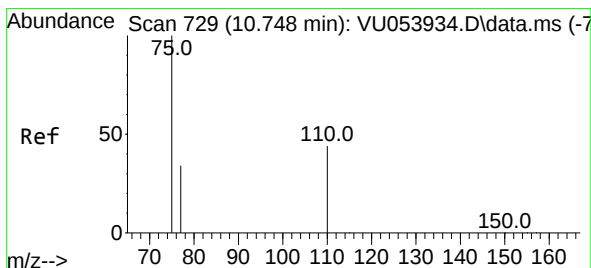
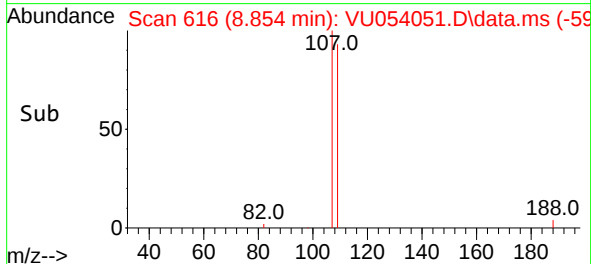
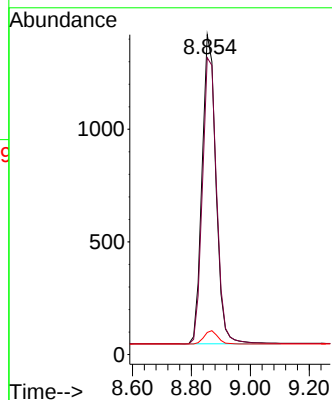
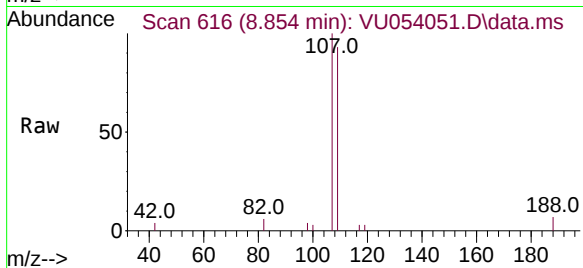




#9
1,2-Dibromoethane
Concen: 0.456 ug/L
RT: 8.854 min Scan# 617
Delta R.T. -0.013 min
Lab File: VU054051.D
Acq: 03 May 2023 15:20

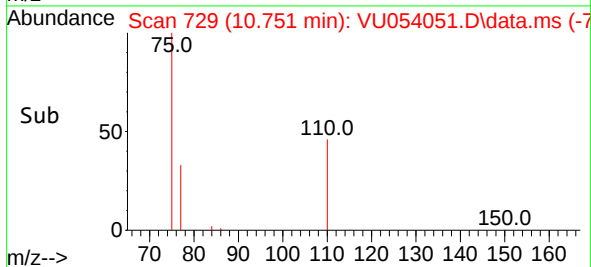
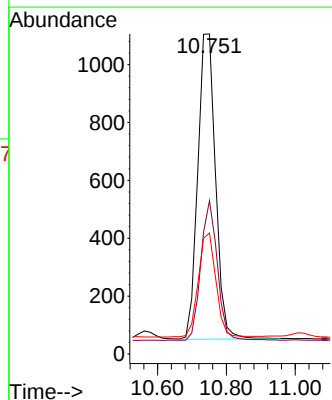
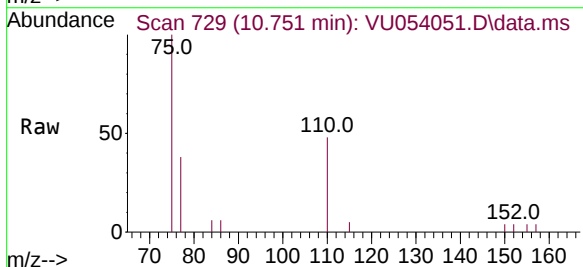
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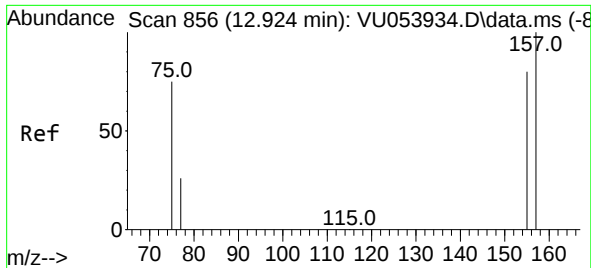
Tgt Ion:107 Resp: 4487
Ion Ratio Lower Upper
107 100
109 92.8 68.7 127.5
188 6.9 5.9 8.9



#12
1,2,3-Trichloropropane
Concen: 0.397 ug/L
RT: 10.751 min Scan# 729
Delta R.T. 0.003 min
Lab File: VU054051.D
Acq: 03 May 2023 15:20

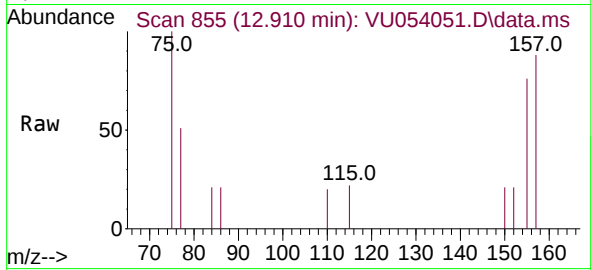
Tgt Ion: 75 Resp: 3791
Ion Ratio Lower Upper
75 100
110 42.7 34.2 51.4
77 33.5 27.6 41.4





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.441 ug/L
 RT: 12.910 min Scan# 81
 Delta R.T. -0.014 min
 Lab File: VU054051.D
 Acq: 03 May 2023 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5103



Tgt Ion: 75 Resp: 697

Ion	Ratio	Lower	Upper
75	100		
157	88.4	104.0	156.0#
155	75.5	85.5	128.3#

