

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042723\
 Data File : VU053934.D
 Acq On : 27 Apr 2023 09:55
 Operator : JC/MD
 Sample : VSTDCCC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5101

Quant Time: Apr 28 07:55:48 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)

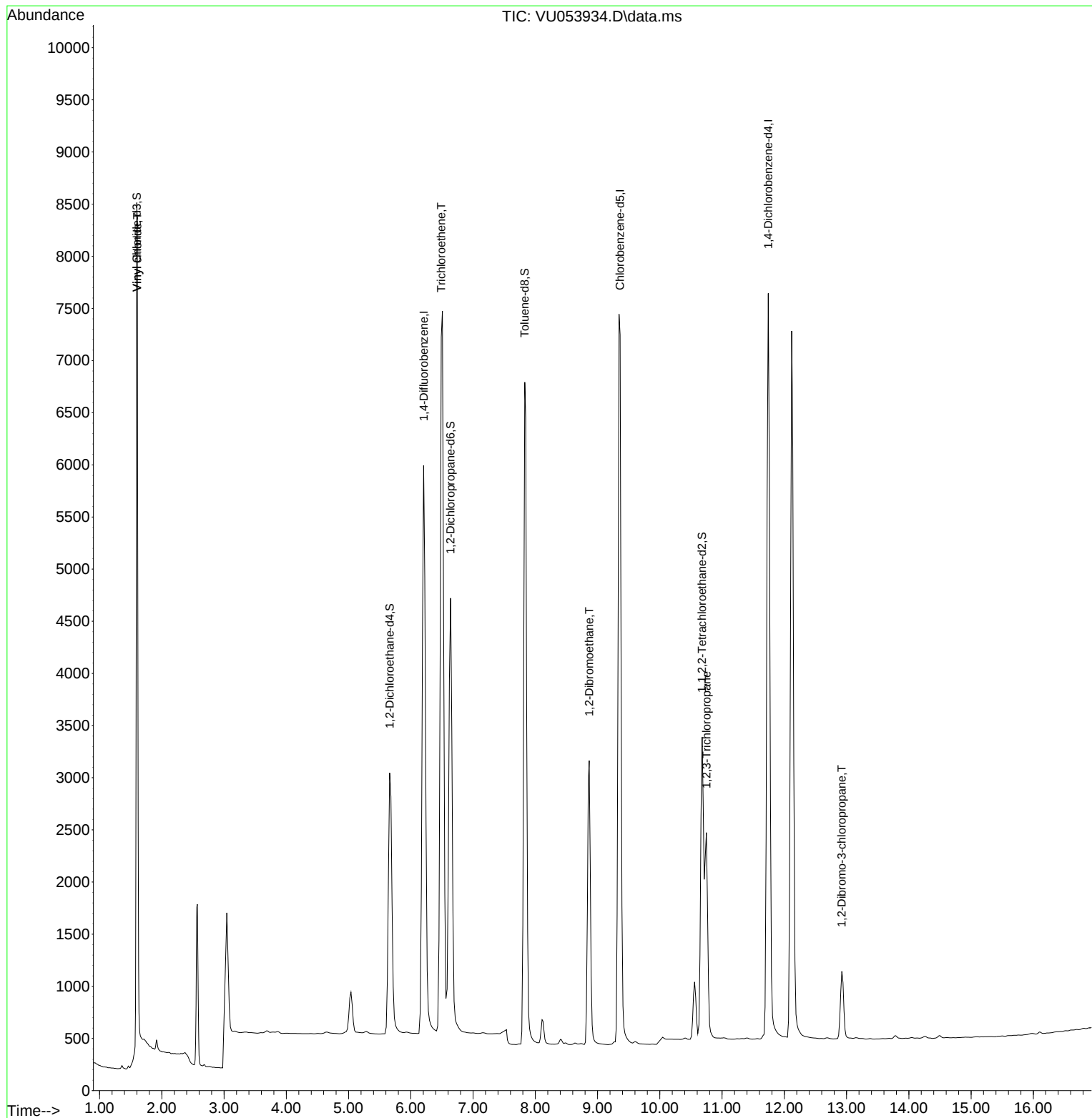
Internal Standards						
1) 1,4-Difluorobenzene	6.206	114	14957	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.361	117	13049	0.500	ug/L	0.02
11) 1,4-Dichlorobenzene-d4	11.742	152	7495	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.598	65	5305	0.485	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	98.000%
4) 1,2-Dichloroethane-d4	5.661	65	5398	0.480	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
7) 1,2-Dichloropropane-d6	6.639	67	6697	0.512	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	102.000%
8) Toluene-d8	7.830	98	12120	0.499	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	100.000%
10) 1,1,2,2-Tetrachloroeth...	10.679	84	5712	0.495	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.605	62	5218	0.458	ug/L	95
6) Trichloroethene	6.489	95	7213	0.488	ug/L	99
9) 1,2-Dibromoethane	8.866	107	4451	0.504	ug/L	99
12) 1,2,3-Trichloropropane	10.748	75	3771	0.501	ug/L	99
13) 1,2-Dibromo-3-chloropr...	12.924	75	644	0.517	ug/L	96

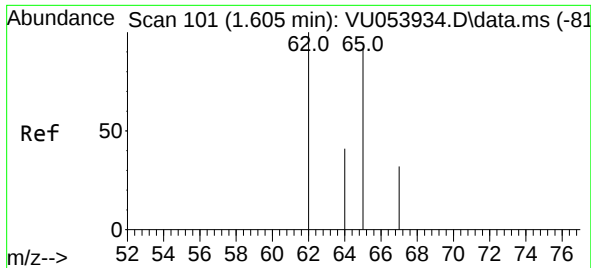
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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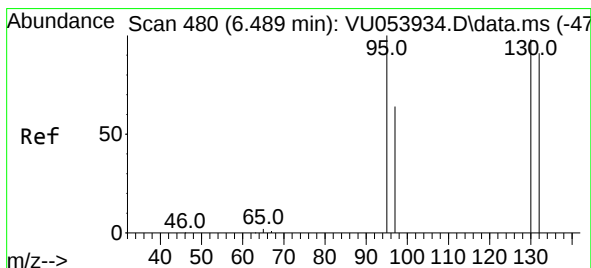
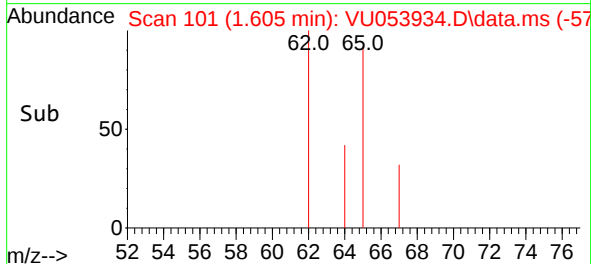
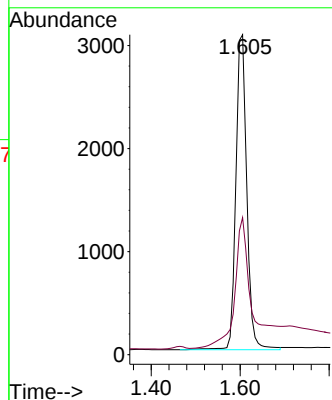
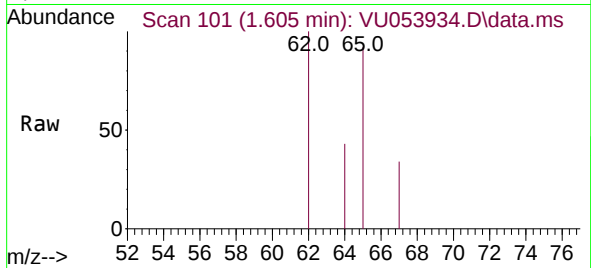




#3
Vinyl chloride
Concen: 0.458 ug/L
RT: 1.605 min Scan# 101
Delta R.T. 0.007 min
Lab File: VU053934.D
Acq: 27 Apr 2023 09:55

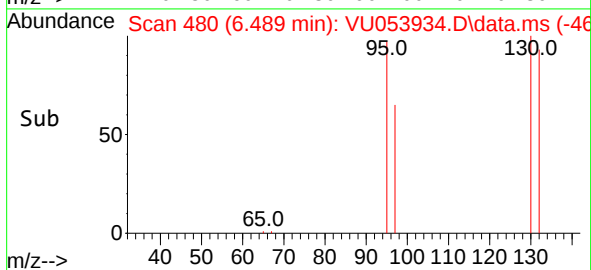
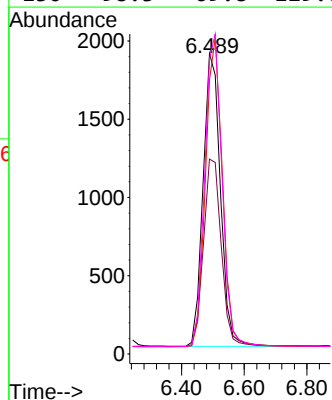
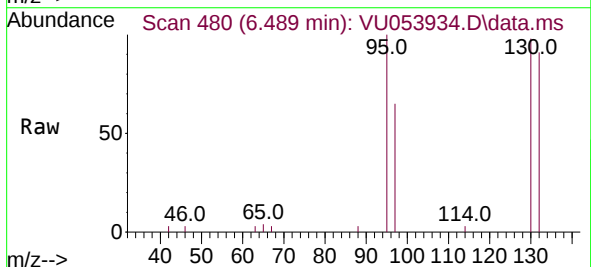
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5101

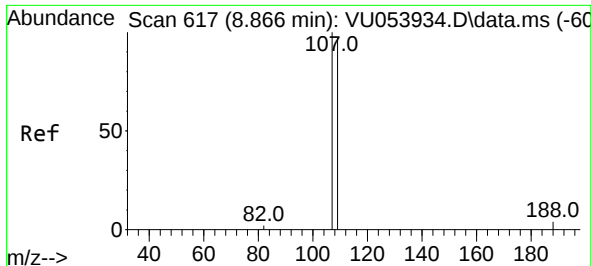
Tgt Ion: 62 Resp: 5218
Ion Ratio Lower Upper
62 100
64 42.9 28.0 52.0



#6
Trichloroethene
Concen: 0.488 ug/L
RT: 6.489 min Scan# 480
Delta R.T. -0.000 min
Lab File: VU053934.D
Acq: 27 Apr 2023 09:55

Tgt Ion: 95 Resp: 7213
Ion Ratio Lower Upper
95 100
97 64.9 44.4 82.4
132 91.3 64.0 119.0
130 98.3 69.8 129.6

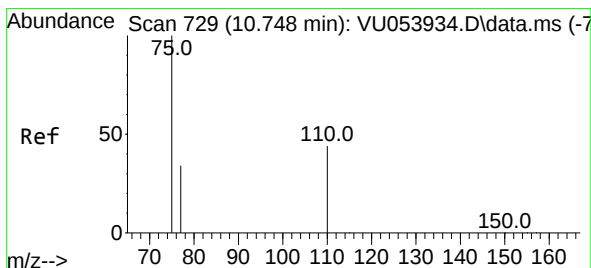
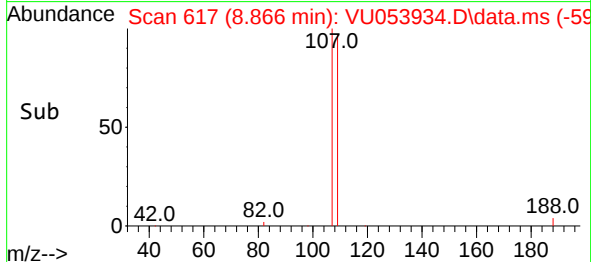
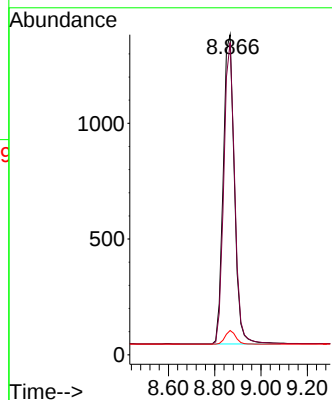
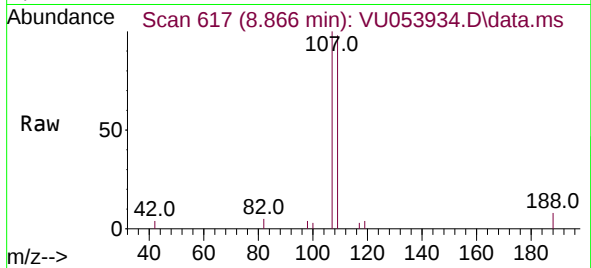




#9
1,2-Dibromoethane
Concen: 0.504 ug/L
RT: 8.866 min Scan# 617
Delta R.T. -0.000 min
Lab File: VU053934.D
Acq: 27 Apr 2023 09:55

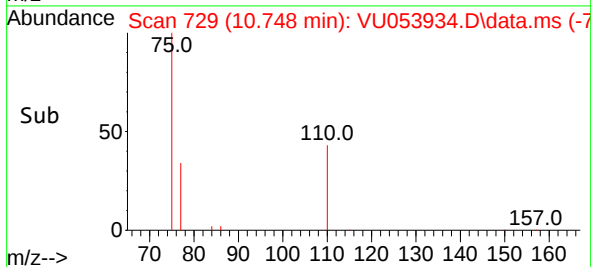
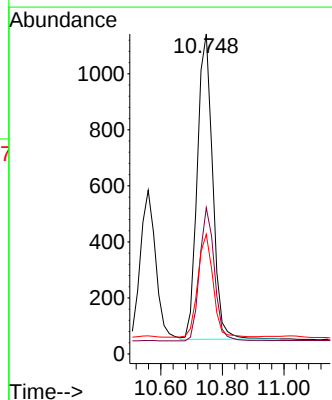
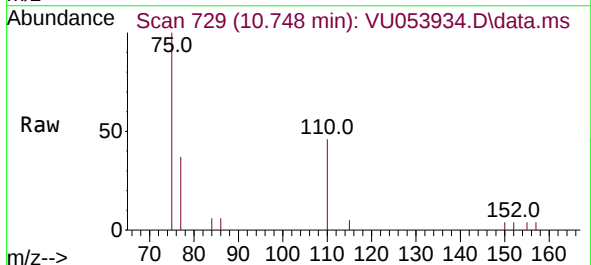
Instrument :
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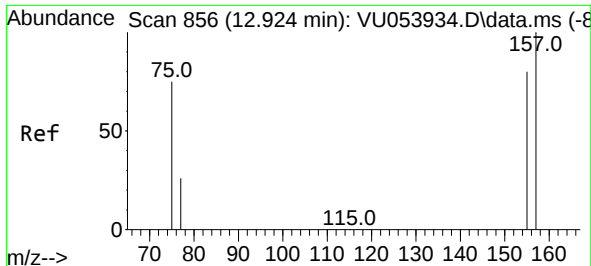
Tgt Ion:107 Resp: 4451
Ion Ratio Lower Upper
107 100
109 97.5 68.7 127.5
188 7.6 5.9 8.9



#12
1,2,3-Trichloropropane
Concen: 0.501 ug/L
RT: 10.748 min Scan# 729
Delta R.T. -0.000 min
Lab File: VU053934.D
Acq: 27 Apr 2023 09:55

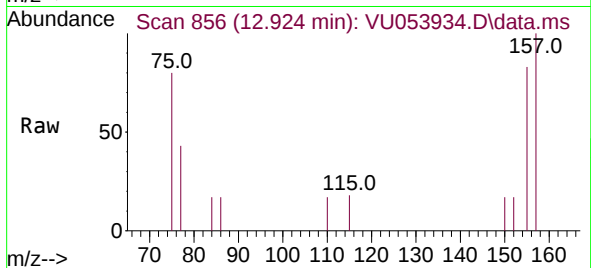
Tgt Ion: 75 Resp: 3771
Ion Ratio Lower Upper
75 100
110 42.1 34.2 51.4
77 33.4 27.6 41.4





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.517 ug/L
 RT: 12.924 min Scan# 856
 Delta R.T. -0.000 min
 Lab File: VU053934.D
 Acq: 27 Apr 2023 09:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5101



Tgt Ion:	75	Resp:	644
Ion	Ratio	Lower	Upper
75	100		
157	124.7	104.0	156.0
155	103.6	85.5	128.3

