

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120222\
 Data File : VU052172.D
 Acq On : 02 Dec 2022 12:21
 Operator : JC/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Dec 02 21:39:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM120122.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 02 00:27:38 2022
 Response via : Initial Calibration

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

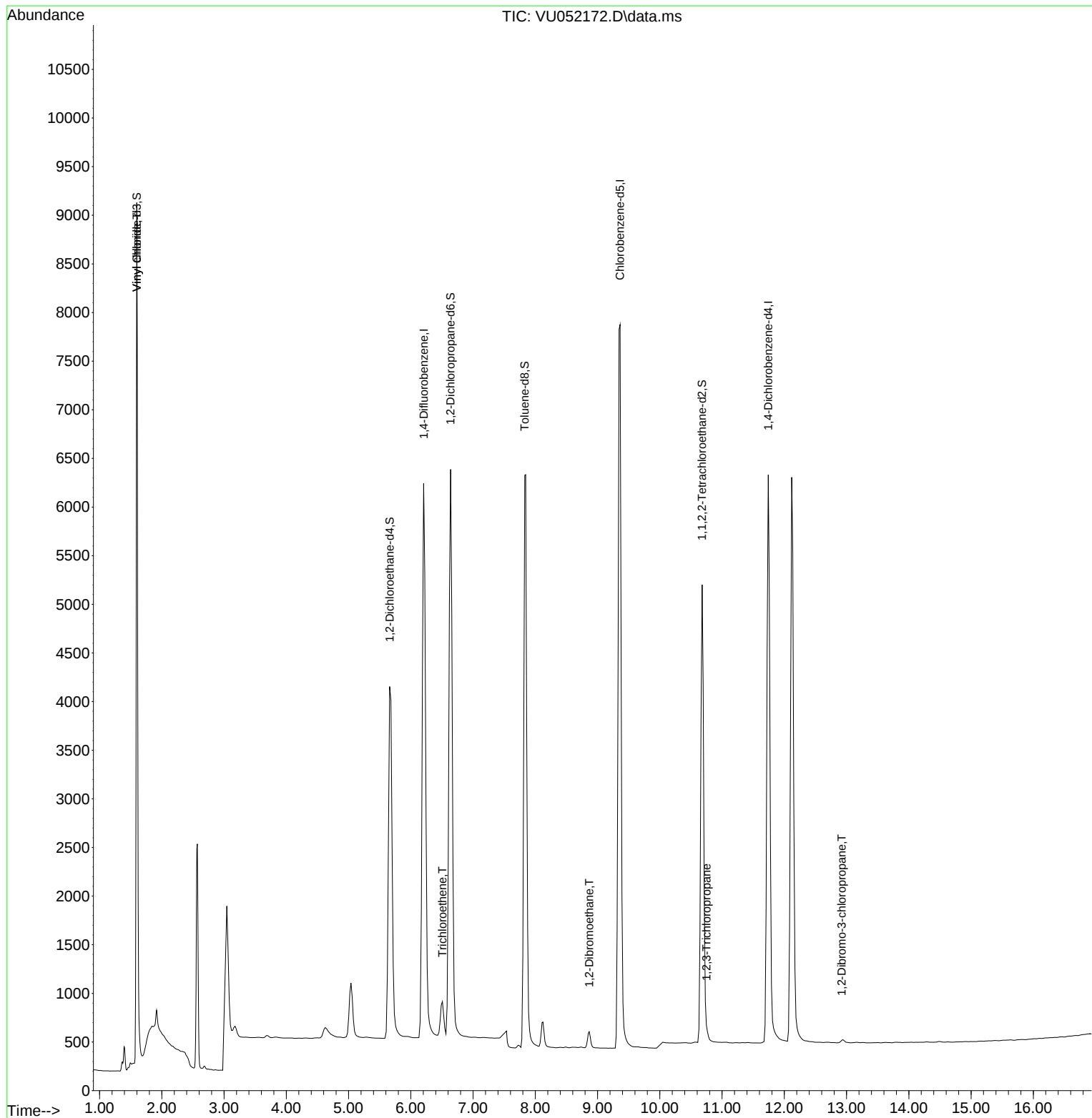
Internal Standards						
1) 1,4-Difluorobenzene	6.206	114	15826	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.361	117	14109	0.500	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.742	152	6236	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.598	65	10625	0.570	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	114.000%
4) 1,2-Dichloroethane-d4	5.661	65	7965	0.451	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	90.000%
7) 1,2-Dichloropropane-d6	6.639	67	9445	0.557	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	112.000%
8) Toluene-d8	7.830	98	11990	0.469	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	94.000%
10) 1,1,2,2-Tetrachloroeth...	10.679	84	9425	0.520	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.598	62	609	0.030	ug/L #	21
6) Trichloroethene	6.508	95	376	0.024	ug/L #	83
9) 1,2-Dibromoethane	8.866	107	238	0.020	ug/L #	93
12) 1,2,3-Trichloropropane	10.748	75	195	0.019	ug/L #	91
13) 1,2-Dibromo-3-chloropr...	12.924	75	39	0.019	ug/L #	82

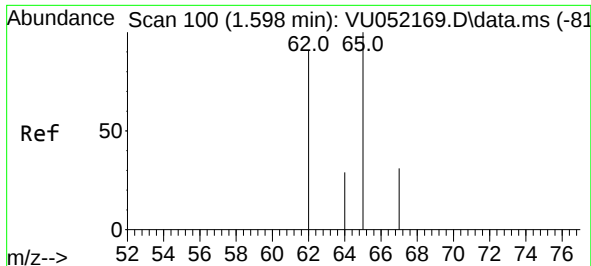
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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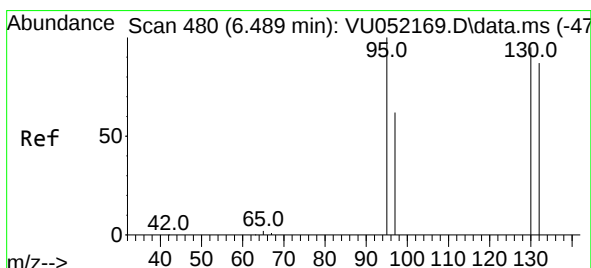
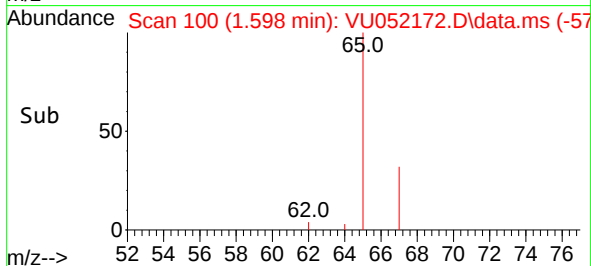
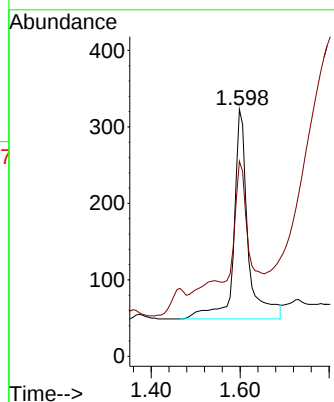
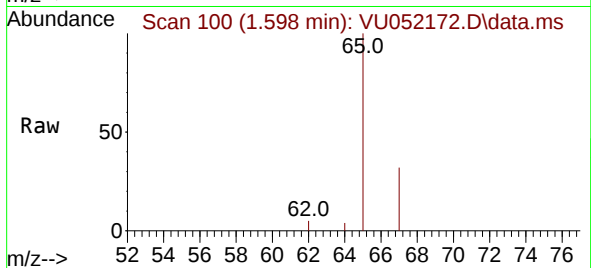




#3
 Vinyl chloride
 Concen: 0.030 ug/L
 RT: 1.598 min Scan# 100
 Delta R.T. -0.000 min
 Lab File: VU052172.D
 Acq: 02 Dec 2022 12:21

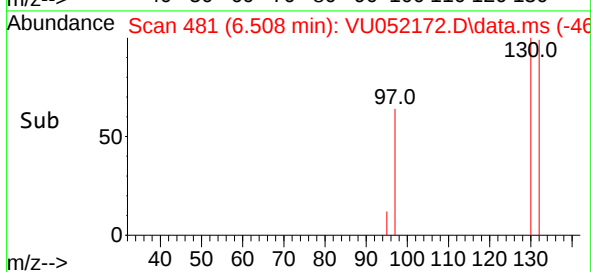
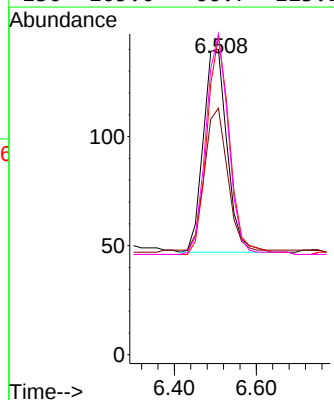
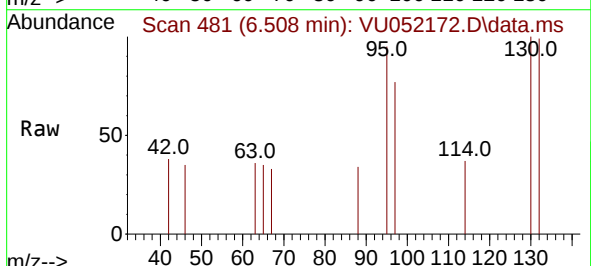
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

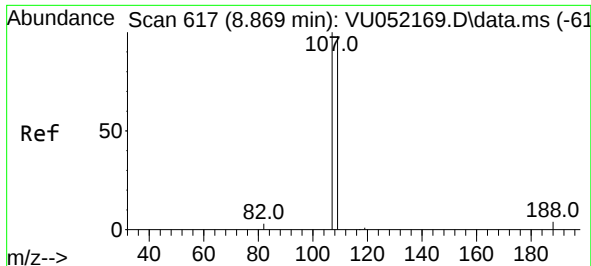
Tgt Ion: 62 Resp: 609
 Ion Ratio Lower Upper
 62 100
 64 78.9 23.7 43.9#



#6
 Trichloroethene
 Concen: 0.024 ug/L
 RT: 6.508 min Scan# 481
 Delta R.T. 0.019 min
 Lab File: VU052172.D
 Acq: 02 Dec 2022 12:21

Tgt Ion: 95 Resp: 376
 Ion Ratio Lower Upper
 95 100
 97 80.7 43.3 80.3#
 132 104.3 61.0 113.2
 130 105.0 66.7 123.9

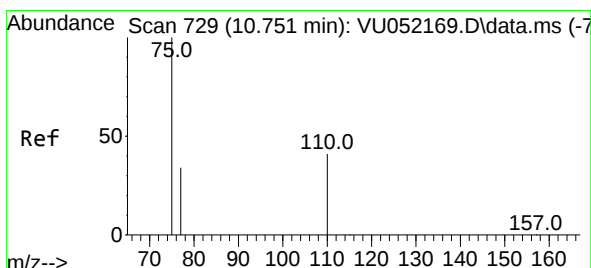
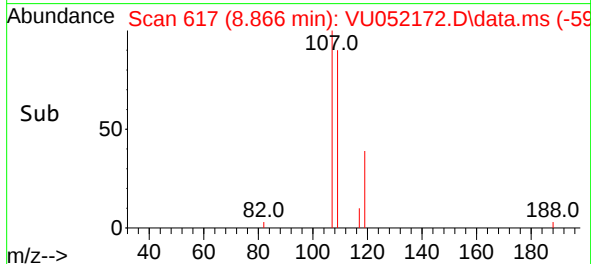
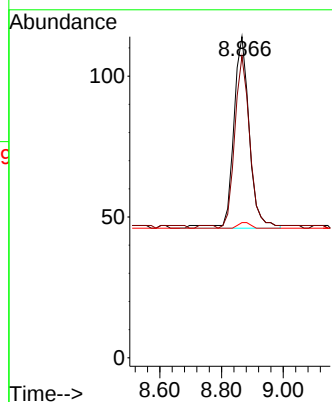
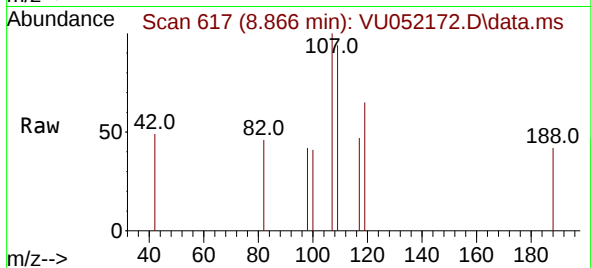




#9
1,2-Dibromoethane
Concen: 0.020 ug/L
RT: 8.866 min Scan# 617
Delta R.T. 0.012 min
Lab File: VU052172.D
Acq: 02 Dec 2022 12:21

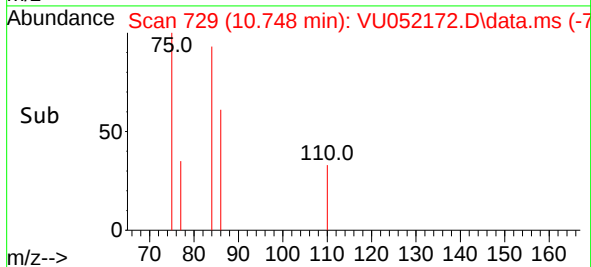
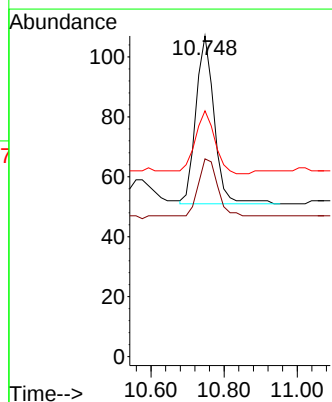
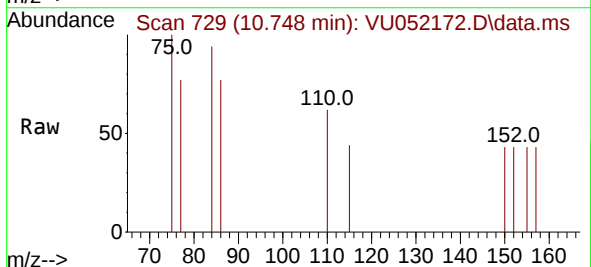
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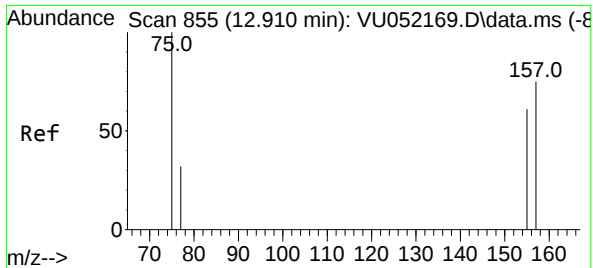
Tgt Ion:107 Resp: 238
Ion Ratio Lower Upper
107 100
109 93.9 64.8 120.3
188 42.1 4.3 6.5#



#12
1,2,3-Trichloropropane
Concen: 0.019 ug/L
RT: 10.748 min Scan# 729
Delta R.T. -0.003 min
Lab File: VU052172.D
Acq: 02 Dec 2022 12:21

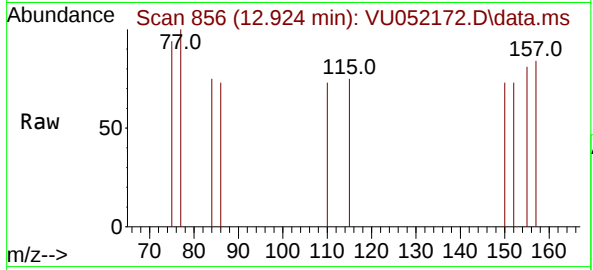
Tgt Ion: 75 Resp: 195
Ion Ratio Lower Upper
75 100
110 43.6 32.2 48.2
77 40.5 26.8 40.2#





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.019 ug/L
 RT: 12.924 min Scan# 856
 Delta R.T. 0.014 min
 Lab File: VU052172.D
 Acq: 02 Dec 2022 12:21

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



Tgt Ion:	75	Resp:	39
Ion	Ratio	Lower	Upper
75	100		
157	90.0	62.8	94.2
155	86.7	54.4	81.6#

