

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120522\
 Data File : VU052179.D
 Acq On : 05 Dec 2022 12:20
 Operator : JC/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 05 22:33:55 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)

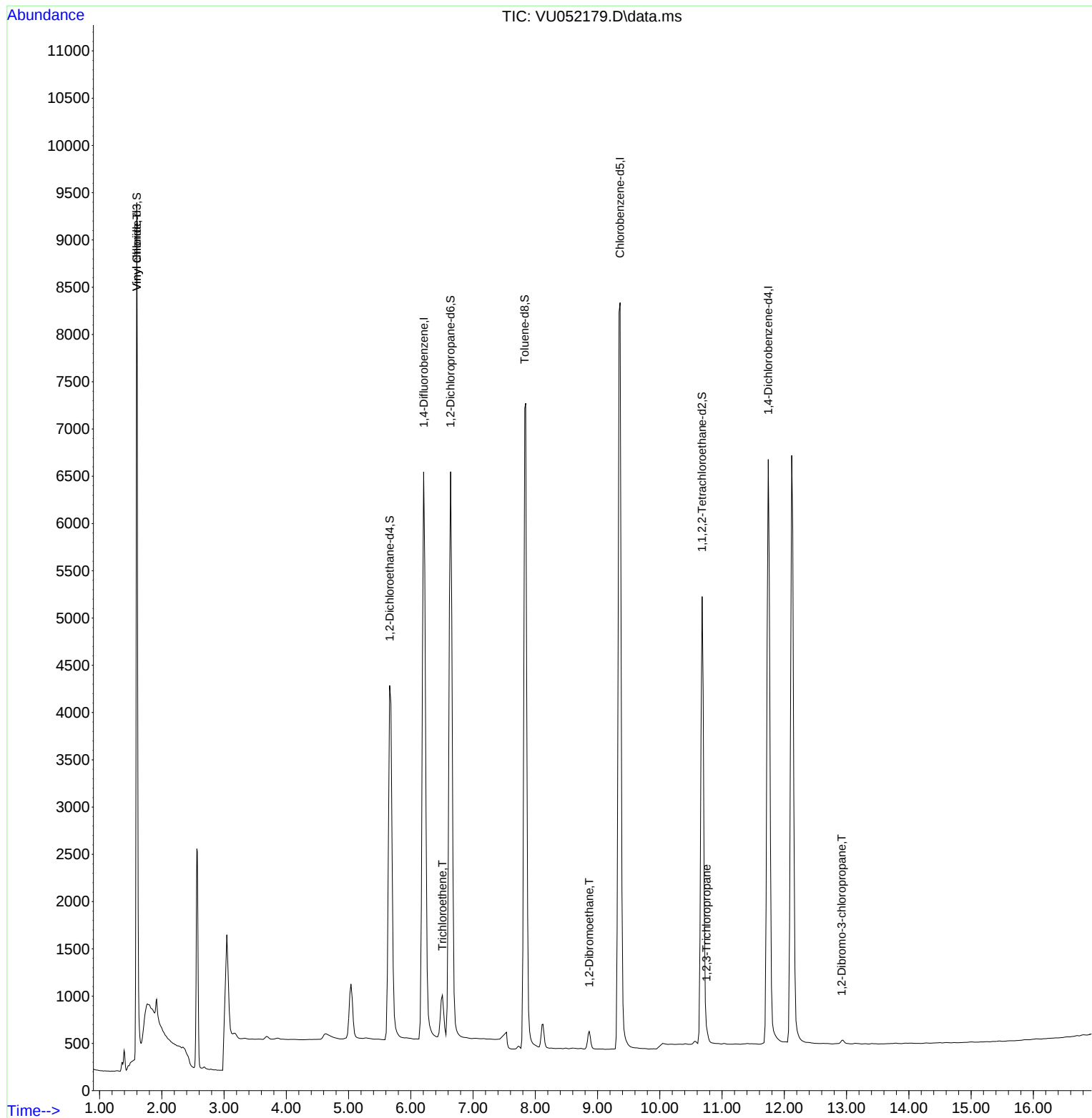
Internal Standards						
1) 1,4-Difluorobenzene	6.207	114	16731	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.361	117	14918	0.500	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.742	152	6565	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.599	65	10687	0.542	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 108.000%			
4) 1,2-Dichloroethane-d4	5.661	65	8205	0.439	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 88.000%			
7) 1,2-Dichloropropane-d6	6.639	67	9633	0.537	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 108.000%			
8) Toluene-d8	7.830	98	13836	0.512	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 102.000%			
10) 1,1,2,2-Tetrachloroeth...	10.679	84	9419	0.491	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 98.000%			
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.599	62	543	0.025	ug/L #	18
6) Trichloroethene	6.508	95	457	0.027	ug/L	83
9) 1,2-Dibromoethane	8.866	107	263	0.021	ug/L #	87
12) 1,2,3-Trichloropropane	10.748	75	218	0.020	ug/L #	88
13) 1,2-Dibromo-3-chloropr...	12.924	75	50	0.023	ug/L #	78

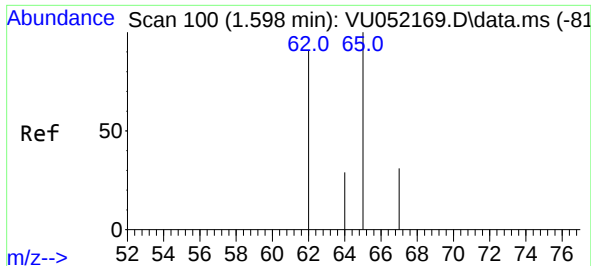
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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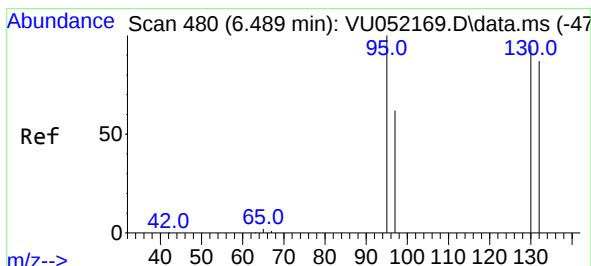
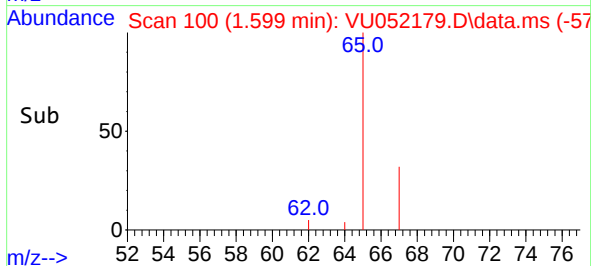
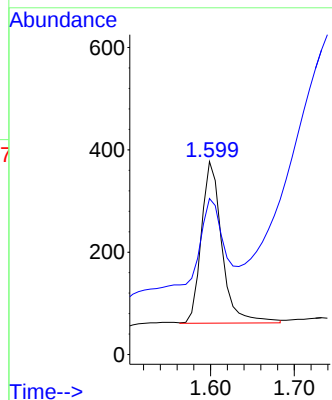
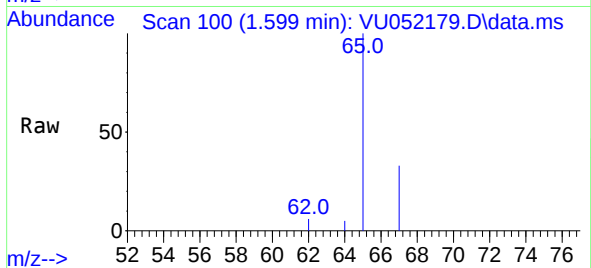




#3
 Vinyl chloride
 Concen: 0.025 ug/L
 RT: 1.599 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VU052179.D
 Acq: 05 Dec 2022 12:20

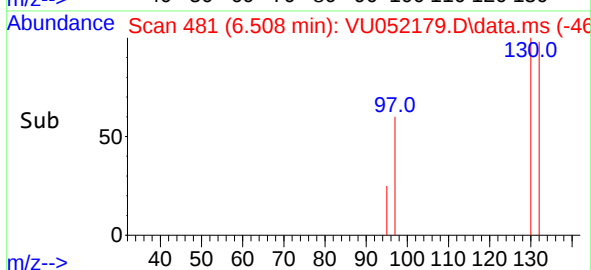
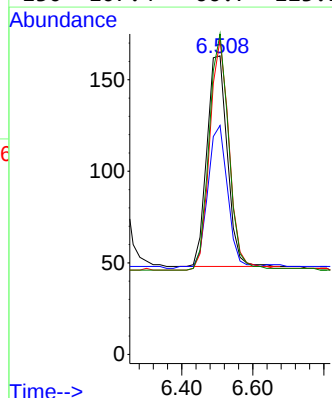
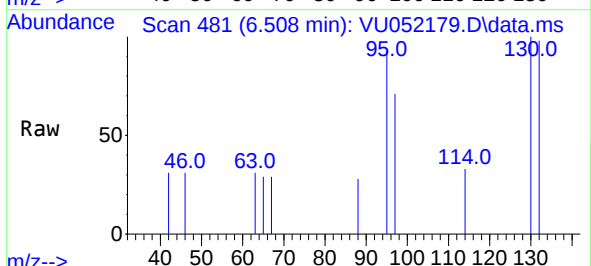
Instrument :
 MSVOA_U
 ClientSampleId :

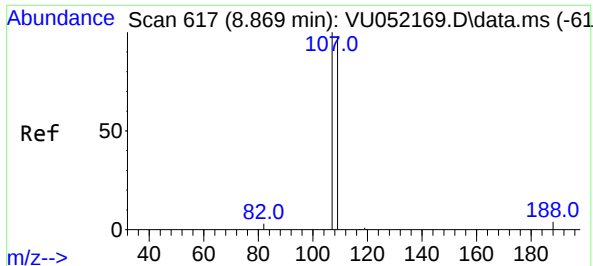
Tgt Ion: 62 Resp: 543
 Ion Ratio Lower Upper
 62 100
 64 80.9 23.7 43.9#



#6
 Trichloroethene
 Concen: 0.027 ug/L
 RT: 6.508 min Scan# 481
 Delta R.T. 0.019 min
 Lab File: VU052179.D
 Acq: 05 Dec 2022 12:20

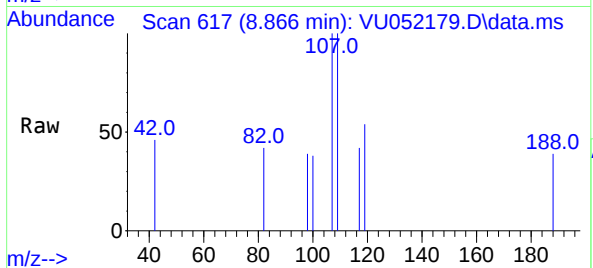
Tgt Ion: 95 Resp: 457
 Ion Ratio Lower Upper
 95 100
 97 76.7 43.3 80.3
 132 105.5 61.0 113.2
 130 107.4 66.7 123.9



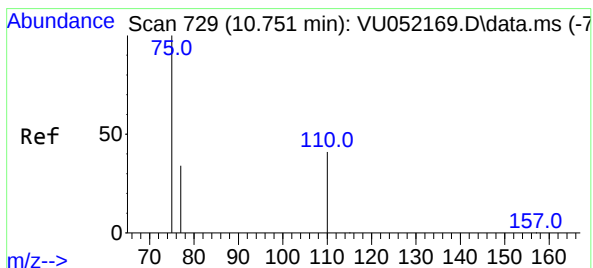
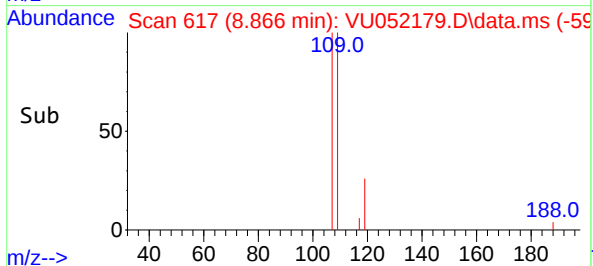
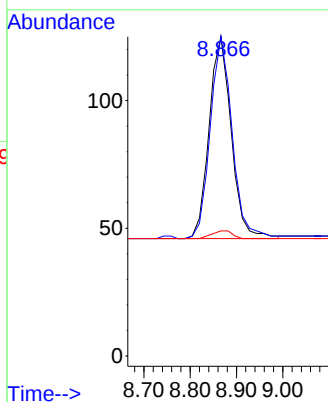


#9
1,2-Dibromoethane
Concen: 0.021 ug/L
RT: 8.866 min Scan# 617
Delta R.T. 0.012 min
Lab File: VU052179.D
Acq: 05 Dec 2022 12:20

Instrument :
MSVOA_U
ClientSampleId :

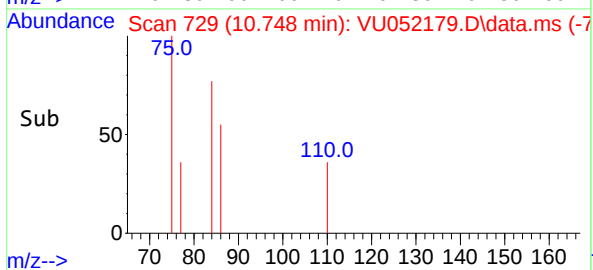
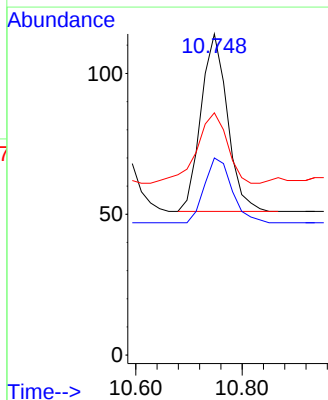
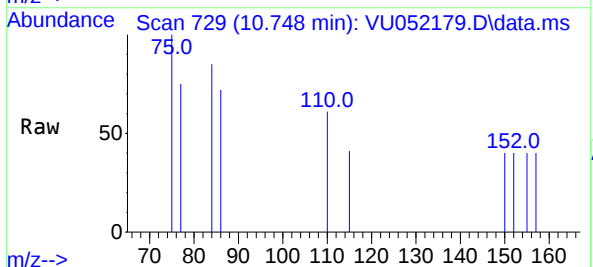


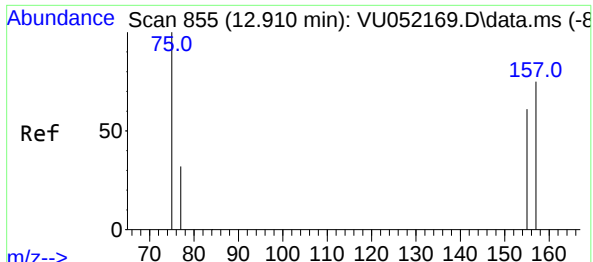
Tgt Ion:107 Resp: 263
Ion Ratio Lower Upper
107 100
109 100.0 64.8 120.3
188 39.2 4.3 6.5#



#12
1,2,3-Trichloropropane
Concen: 0.020 ug/L
RT: 10.748 min Scan# 729
Delta R.T. -0.003 min
Lab File: VU052179.D
Acq: 05 Dec 2022 12:20

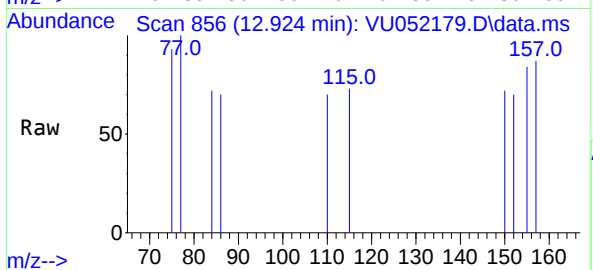
Tgt Ion: 75 Resp: 218
Ion Ratio Lower Upper
75 100
110 37.6 32.2 48.2
77 45.9 26.8 40.2#





#13
1,2-Dibromo-3-chloropropane
Concen: 0.023 ug/L
RT: 12.924 min Scan# 856
Delta R.T. 0.014 min
Lab File: VU052179.D
Acq: 05 Dec 2022 12:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	50
Ion	Ratio	Lower	Upper
75	100		
157	93.5	62.8	94.2
155	90.3	54.4	81.6

