

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120122\
 Data File : VU052165.D
 Acq On : 01 Dec 2022 16:09
 Operator : JC/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

Quant Time: Dec 02 00:34:57 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)

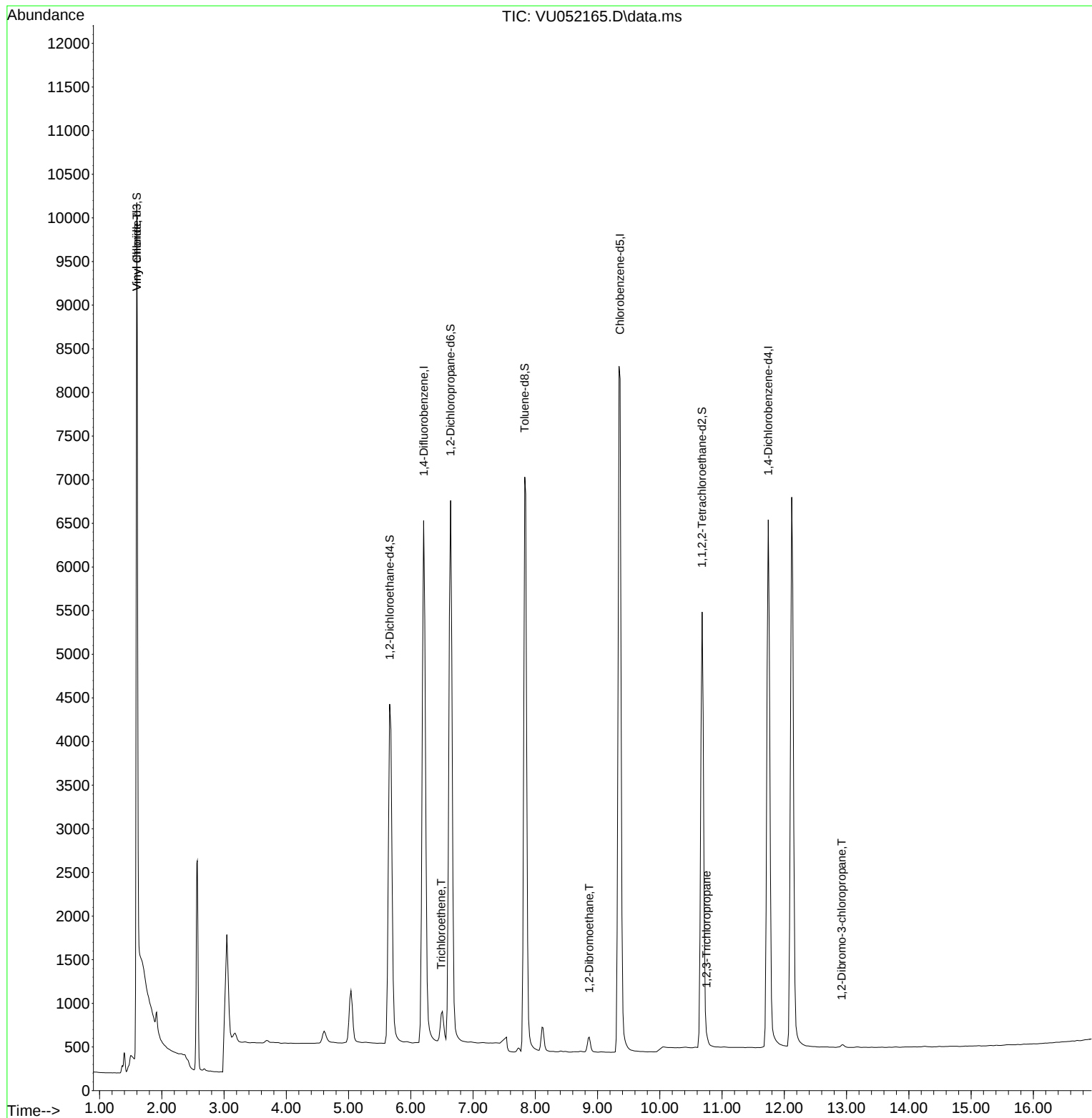
Internal Standards						
1) 1,4-Difluorobenzene	6.207	114	16576	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.361	117	14836	0.500	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.742	152	6416	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.599	65	11462	0.587	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 118.000%			
4) 1,2-Dichloroethane-d4	5.661	65	8410	0.455	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 90.000%			
7) 1,2-Dichloropropane-d6	6.639	67	10030	0.563	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 112.000%			
8) Toluene-d8	7.830	98	13196	0.491	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 98.000%			
10) 1,1,2,2-Tetrachloroeth...	10.679	84	10034	0.526	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 106.000%			
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.599	62	561	0.027	ug/L #	1
6) Trichloroethene	6.489	95	368	0.022	ug/L	94
9) 1,2-Dibromoethane	8.866	107	220	0.018	ug/L #	91
12) 1,2,3-Trichloropropane	10.748	75	198	0.018	ug/L #	89
13) 1,2-Dibromo-3-chloropr...	12.924	75	38	0.018	ug/L #	82

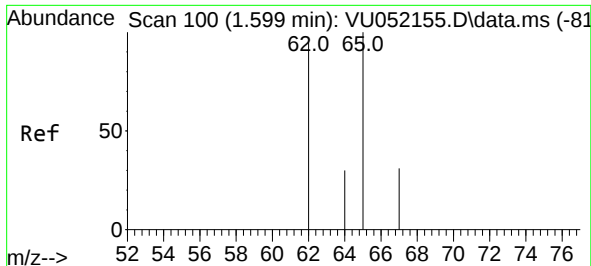
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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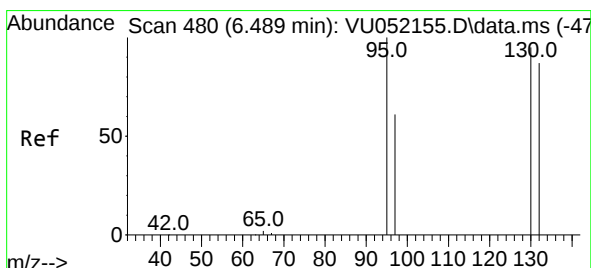
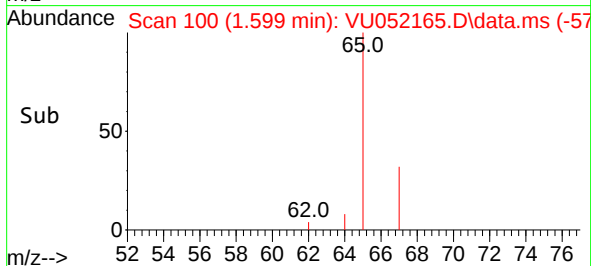
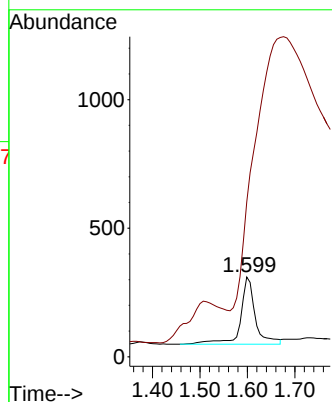
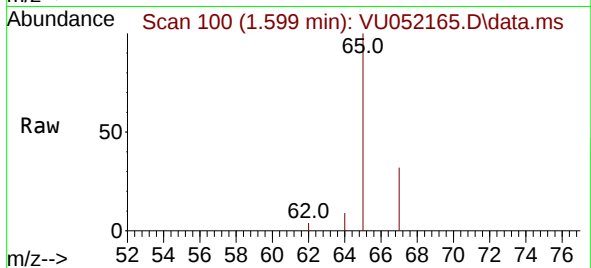




#3
 Vinyl chloride
 Concen: 0.027 ug/L
 RT: 1.599 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VU052165.D
 Acq: 01 Dec 2022 16:09

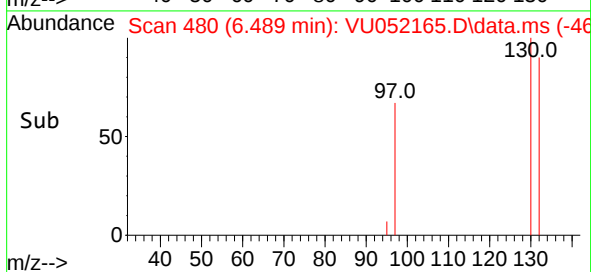
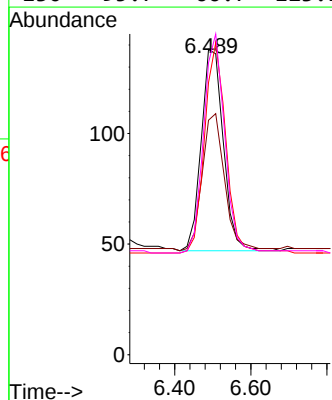
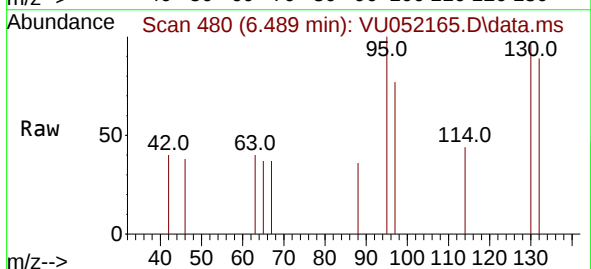
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02

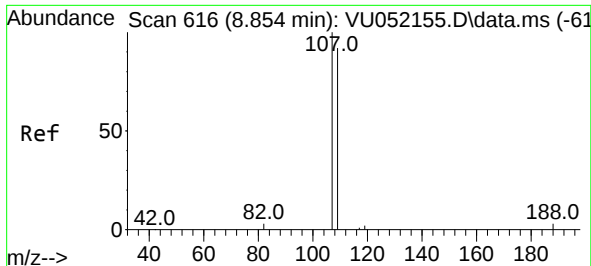
Tgt Ion: 62 Resp: 561
 Ion Ratio Lower Upper
 62 100
 64 194.2 23.7 43.9#



#6
 Trichloroethene
 Concen: 0.022 ug/L
 RT: 6.489 min Scan# 480
 Delta R.T. 0.000 min
 Lab File: VU052165.D
 Acq: 01 Dec 2022 16:09

Tgt Ion: 95 Resp: 368
 Ion Ratio Lower Upper
 95 100
 97 76.8 43.3 80.3
 132 89.1 61.0 113.2
 130 95.7 66.7 123.9

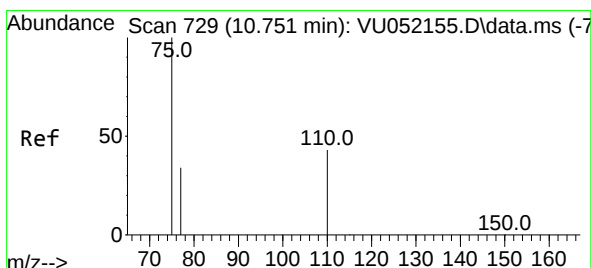
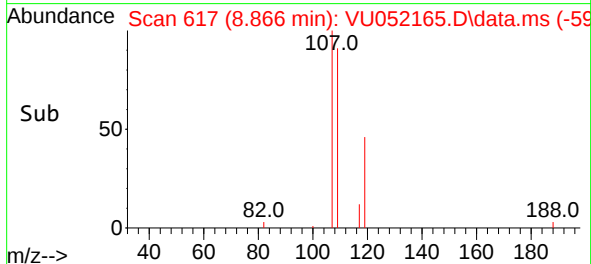
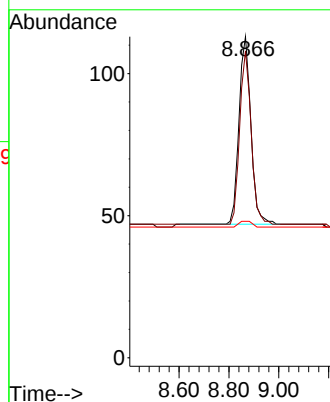
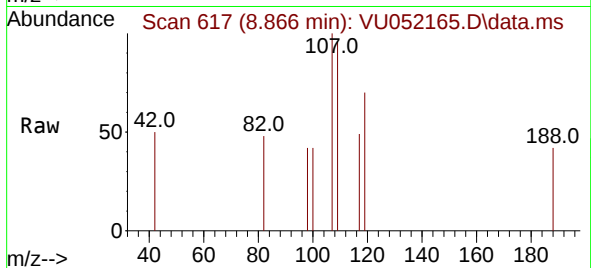




#9
1,2-Dibromoethane
Concen: 0.018 ug/L
RT: 8.866 min Scan# 616
Delta R.T. 0.012 min
Lab File: VU052165.D
Acq: 01 Dec 2022 16:09

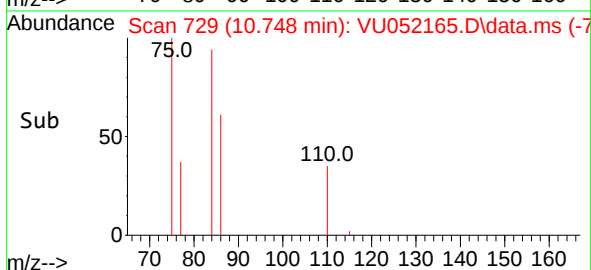
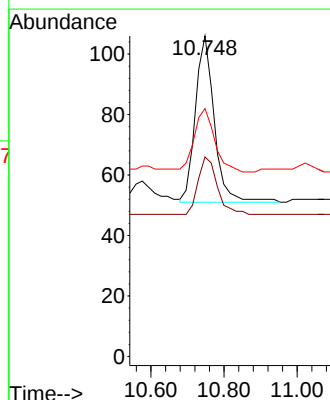
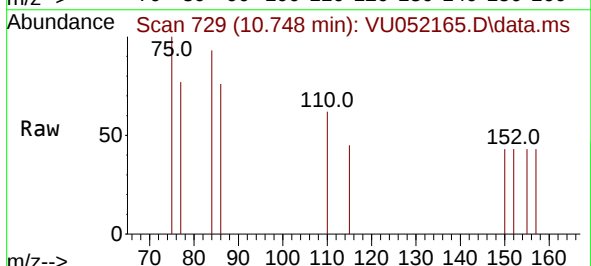
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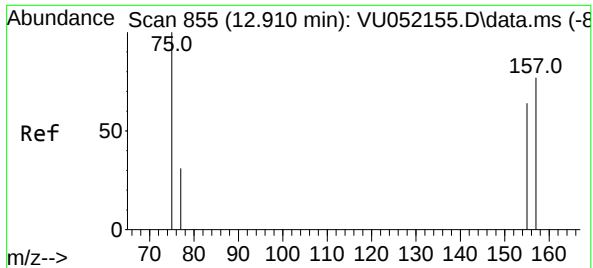
Tgt Ion:107 Resp: 220
Ion Ratio Lower Upper
107 100
109 95.6 64.8 120.3
188 42.5 4.3 6.5#



#12
1,2,3-Trichloropropane
Concen: 0.018 ug/L
RT: 10.748 min Scan# 729
Delta R.T. -0.003 min
Lab File: VU052165.D
Acq: 01 Dec 2022 16:09

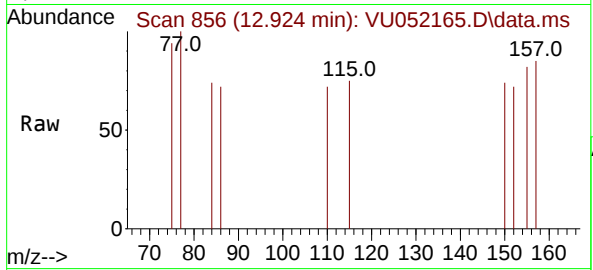
Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
110 34.8 32.2 48.2
77 41.4 26.8 40.2#





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.018 ug/L
 RT: 12.924 min Scan# 856
 Delta R.T. 0.014 min
 Lab File: VU052165.D
 Acq: 01 Dec 2022 16:09

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02



Tgt Ion: 75	Resp: 38
Ion Ratio	Lower Upper
75 100	
157 90.2	62.8 94.2
155 86.9	54.4 81.6#

