

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
 Data File : VV020114.D
 Acq On : 21 Jan 2021 17:17
 Operator : SY/MD
 Sample : M1181-03DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E22DL

Quant Time: Jan 22 06:45:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

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

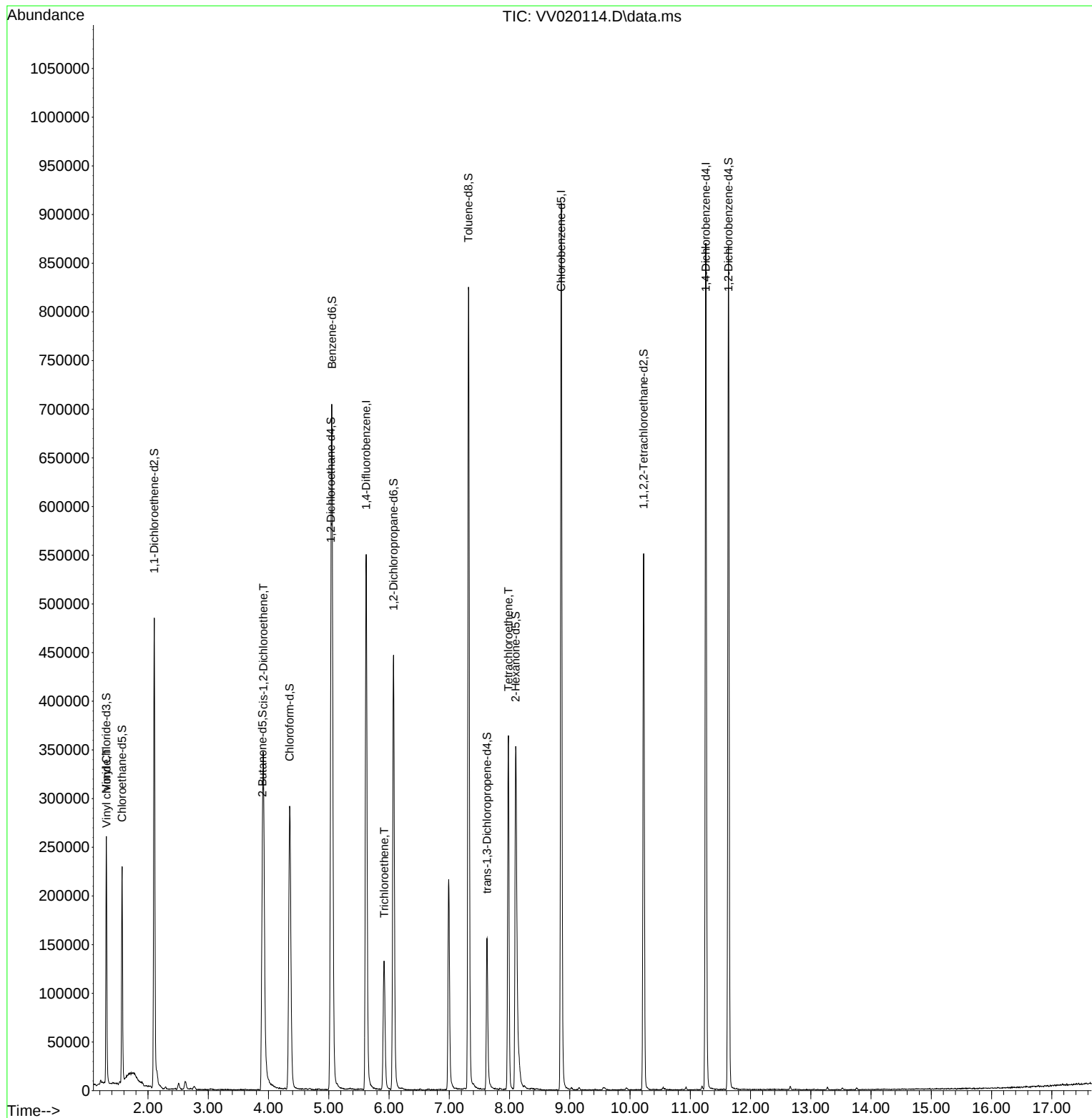
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	443907	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	482700	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	198981	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	164445	49.95	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.90%	
7) Chloroethane-d5	1.569	69	139810	50.73	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.46%	
11) 1,1-Dichloroethene-d2	2.103	63	256567	39.01	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.02%	
21) 2-Butanone-d5	3.897	46	219051	97.01	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.01%	
24) Chloroform-d	4.351	84	290658	47.13	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.26%	
26) 1,2-Dichloroethane-d4	5.035	65	209862	49.10	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.20%	
32) Benzene-d6	5.051	84	561902	42.27	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.54%	
36) 1,2-Dichloropropane-d6	6.074	67	206970	49.32	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.64%	
41) Toluene-d8	7.318	98	514705	41.62	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.24%	
43) trans-1,3-Dichloroprop...	7.627	79	80710	39.30	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.60%	
47) 2-Hexanone-d5	8.103	63	132942	76.21	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	76.21%	
57) 1,1,2,2-Tetrachloroeth...	10.225	84	259987	45.26	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.52%	
64) 1,2-Dichlorobenzene-d4	11.633	152	200974	53.75	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.50%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.312	62	5933	1.54	ug/L	# 41
20) cis-1,2-Dichloroethene	3.913	96	140357	43.70	ug/L	100
34) Trichloroethene	5.920	95	40744	9.93	ug/L	99
46) Tetrachloroethene	7.981	164	73305	23.94	ug/L	97

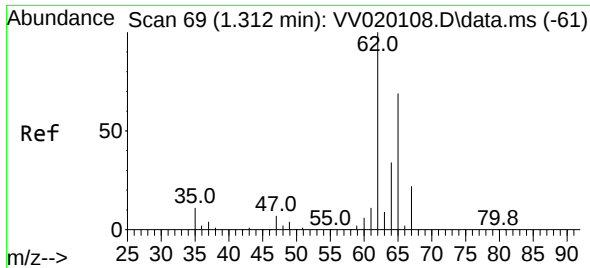
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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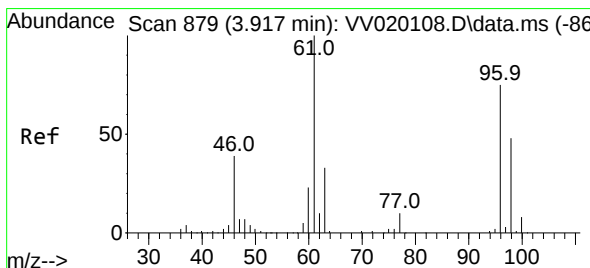
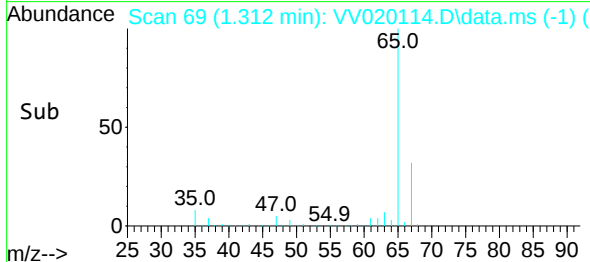
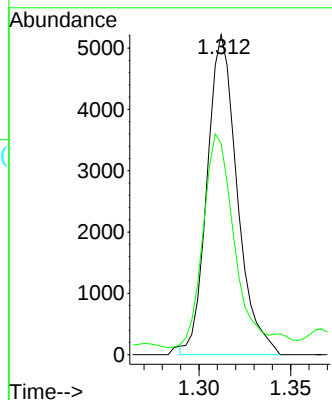
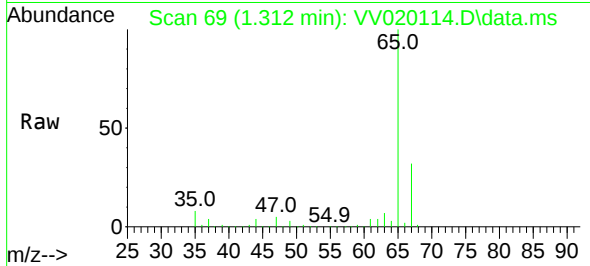




#5
 Vinyl chloride
 Concen: 1.54 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020114.D
 Acq: 21 Jan 2021 17:17

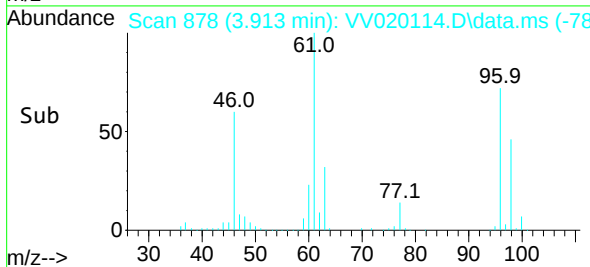
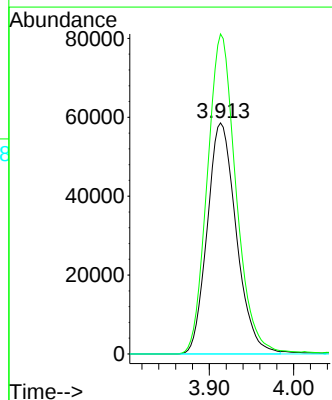
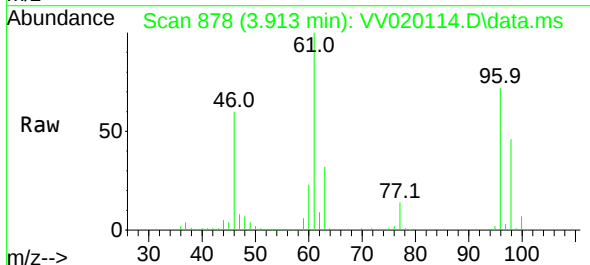
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E22DL

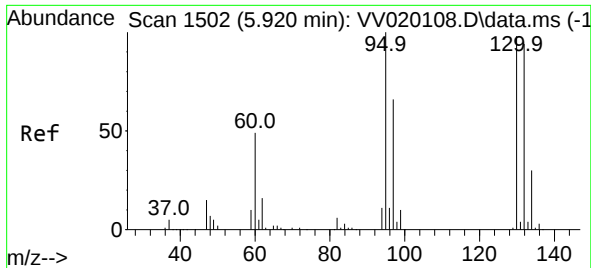
Tgt Ion: 62 Resp: 5933
 Ion Ratio Lower Upper
 62 100
 64 66.0 23.0 42.6#



#20
 cis-1,2-Dichloroethene
 Concen: 43.70 ug/L
 RT: 3.913 min Scan# 878
 Delta R.T. -0.003 min
 Lab File: VV020114.D
 Acq: 21 Jan 2021 17:17

Tgt Ion: 96 Resp: 140357
 Ion Ratio Lower Upper
 96 100
 61 138.5 96.9 179.9
 68 0.0 0.0 0.0



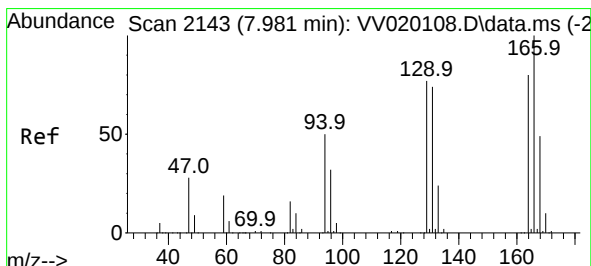
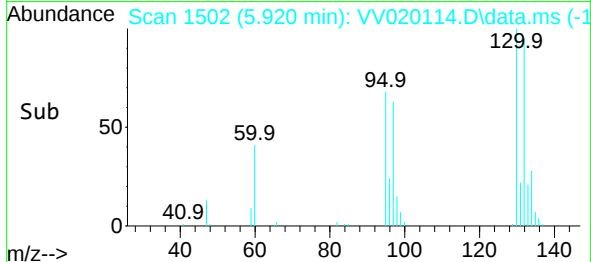
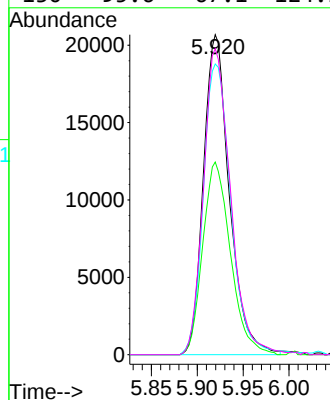
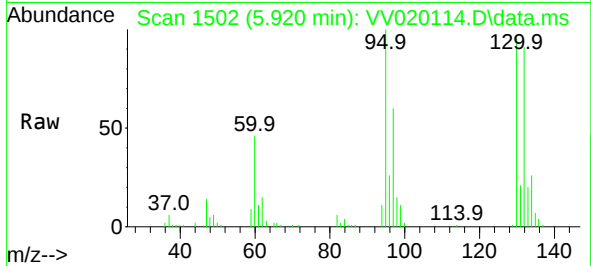


#34
Trichloroethene
Concen: 9.93 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VV020114.D
Acq: 21 Jan 2021 17:17

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F1E22DL

Tgt Ion: 95 Resp: 40744

Ion	Ratio	Lower	Upper
95	100		
97	60.2	44.5	82.7
132	90.8	63.4	117.8
130	95.6	67.1	124.5



#46
Tetrachloroethene
Concen: 23.94 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV020114.D
Acq: 21 Jan 2021 17:17

Tgt Ion: 164 Resp: 73305

Ion	Ratio	Lower	Upper
164	100		
129	98.3	70.6	131.0
131	96.7	66.8	124.0
166	132.7	88.2	163.8

