

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
 Data File : VV020134.D
 Acq On : 22 Jan 2021 14:31
 Operator : SY/MD
 Sample : M1181-15DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E34DL

Quant Time: Jan 23 00:15:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

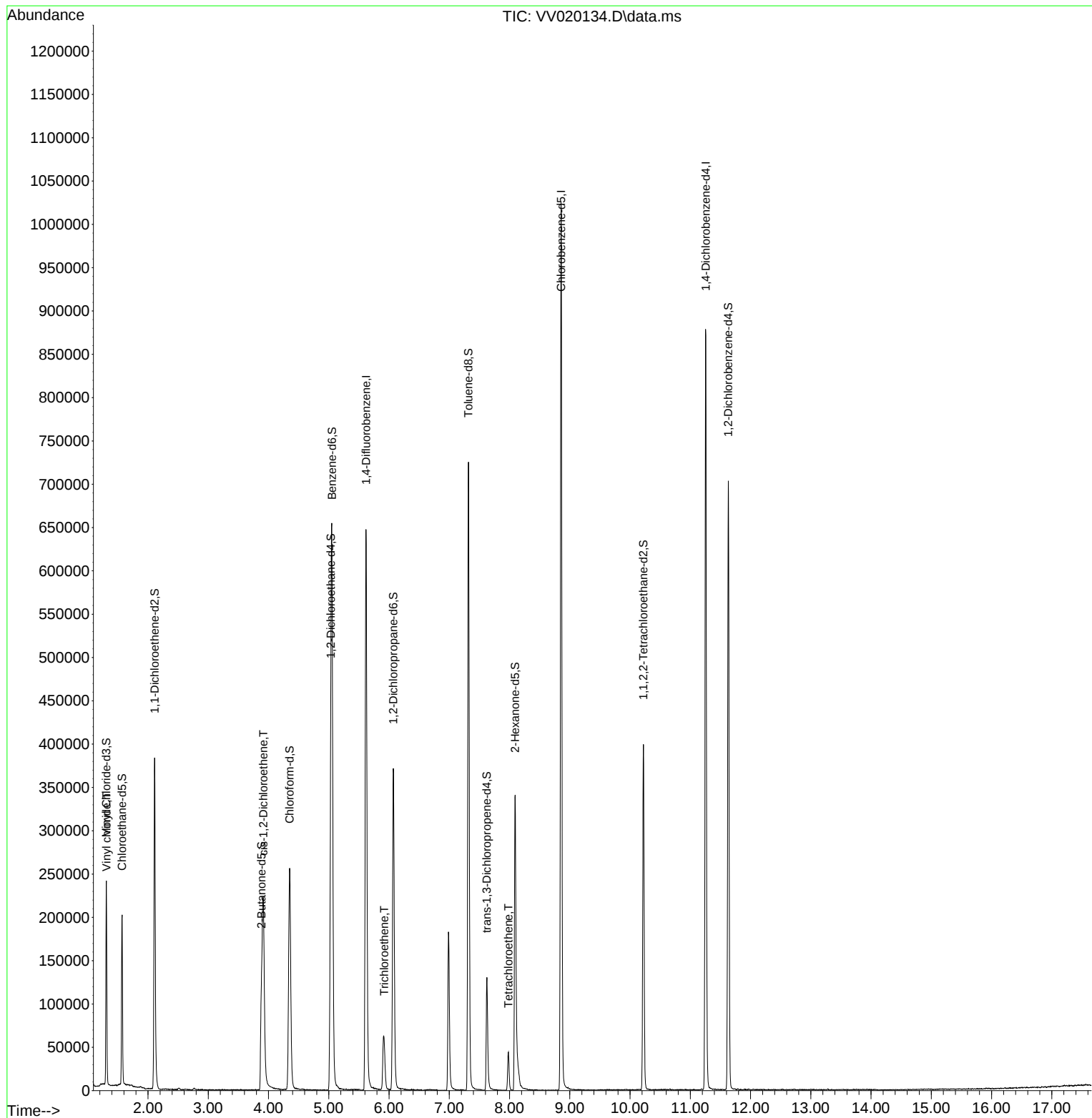
Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	530501	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	544020	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	204571	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	140344	35.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.34%		
7) Chloroethane-d5	1.569	69	119436	36.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.52%		
11) 1,1-Dichloroethene-d2	2.110	63	201458	25.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.26%#		
21) 2-Butanone-d5	3.884	46	174951	64.83	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	64.83%		
24) Chloroform-d	4.351	84	250909	34.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.08%#		
26) 1,2-Dichloroethane-d4	5.032	65	193922	37.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.92%		
32) Benzene-d6	5.052	84	535299	35.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.46%		
36) 1,2-Dichloropropane-d6	6.071	67	165263	34.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	69.88%#		
41) Toluene-d8	7.318	98	459987	33.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	66.00%#		
43) trans-1,3-Dichloroprop...	7.624	79	73406	31.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.44%		
47) 2-Hexanone-d5	8.090	63	110450	56.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	56.18%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	175698	27.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	54.28%#		
64) 1,2-Dichlorobenzene-d4	11.630	152	162127	42.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.36%		
Target Compounds						Qvalue
5) Vinyl chloride	1.312	62	6335	1.38	ug/L	# 59
20) cis-1,2-Dichloroethene	3.913	96	95956	25.00	ug/L	98
34) Trichloroethene	5.920	95	13872	3.00	ug/L	93
46) Tetrachloroethene	7.981	164	9807	2.84	ug/L	97

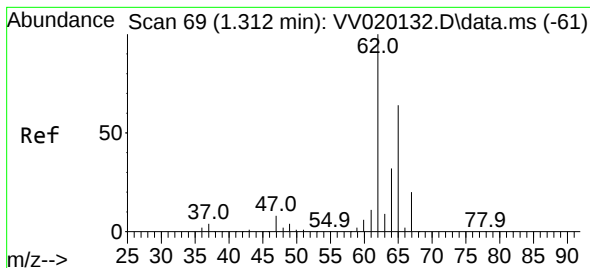
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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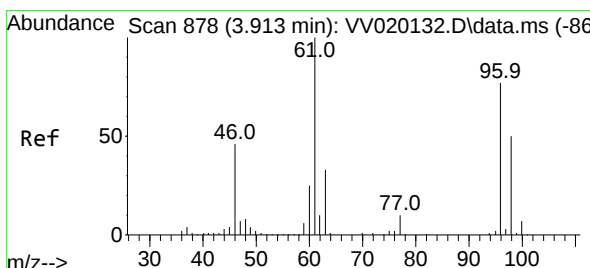
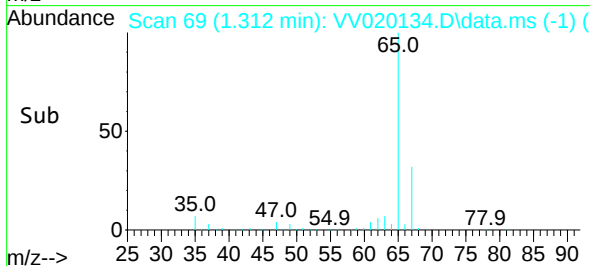
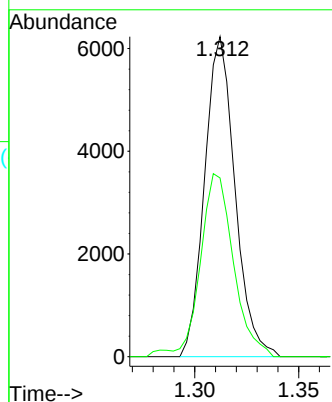
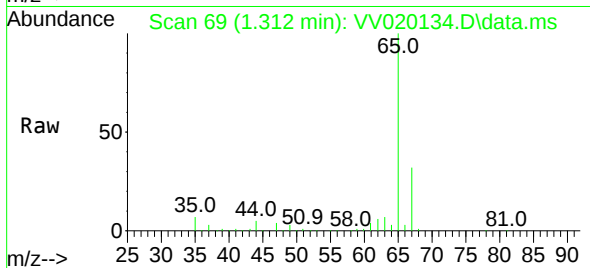




#5
 Vinyl chloride
 Concen: 1.38 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020134.D
 Acq: 22 Jan 2021 14:31

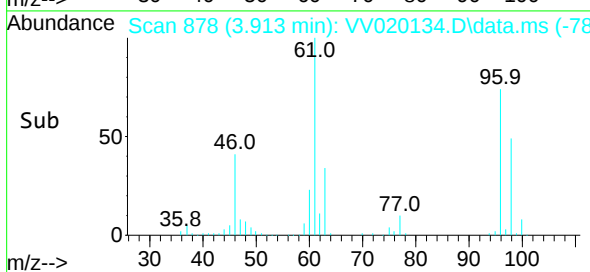
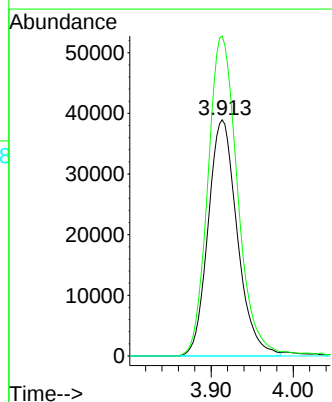
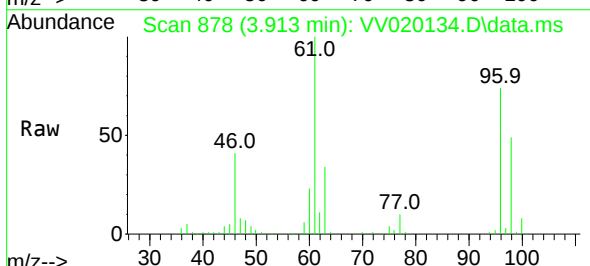
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E34DL

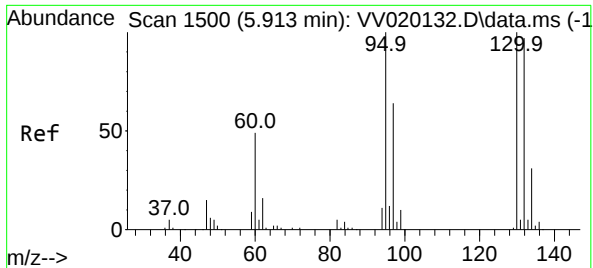
Tgt Ion: 62 Resp: 6335
 Ion Ratio Lower Upper
 62 100
 64 55.9 23.0 42.6#



#20
 cis-1,2-Dichloroethene
 Concen: 25.00 ug/L
 RT: 3.913 min Scan# 878
 Delta R.T. -0.000 min
 Lab File: VV020134.D
 Acq: 22 Jan 2021 14:31

Tgt Ion: 96 Resp: 95956
 Ion Ratio Lower Upper
 96 100
 61 135.5 96.9 179.9
 68 0.0 0.0 0.0



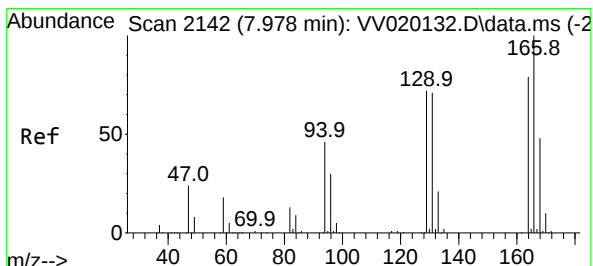
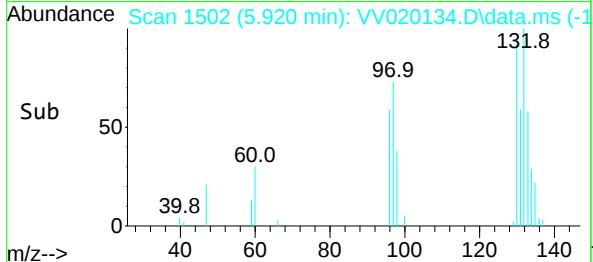
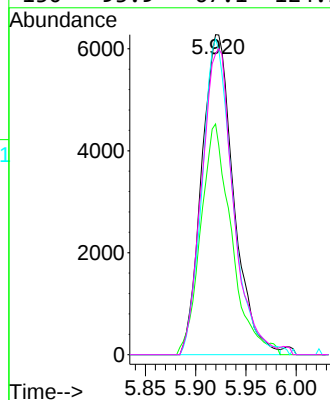
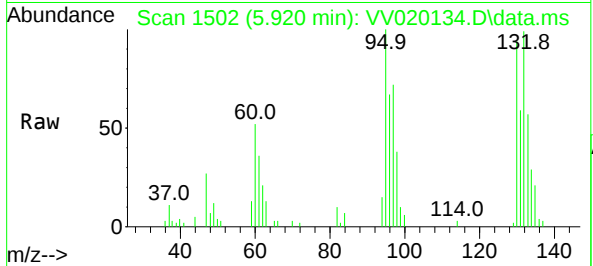


#34
Trichloroethene
Concen: 3.00 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.006 min
Lab File: VV020134.D
Acq: 22 Jan 2021 14:31

Instrument :
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Tgt Ion: 95 Resp: 13872

Ion	Ratio	Lower	Upper
95	100		
97	72.1	44.5	82.7
132	98.6	63.4	117.8
130	93.9	67.1	124.5



#46
Tetrachloroethene
Concen: 2.84 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020134.D
Acq: 22 Jan 2021 14:31

Tgt Ion: 164 Resp: 9807

Ion	Ratio	Lower	Upper
164	100		
129	99.2	70.6	131.0
131	88.5	66.8	124.0
166	126.5	88.2	163.8

