

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
 Data File : VV020135.D
 Acq On : 22 Jan 2021 14:54
 Operator : SY/MD
 Sample : M1181-15DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E34DL

Quant Time: Jan 23 00:15:24 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)

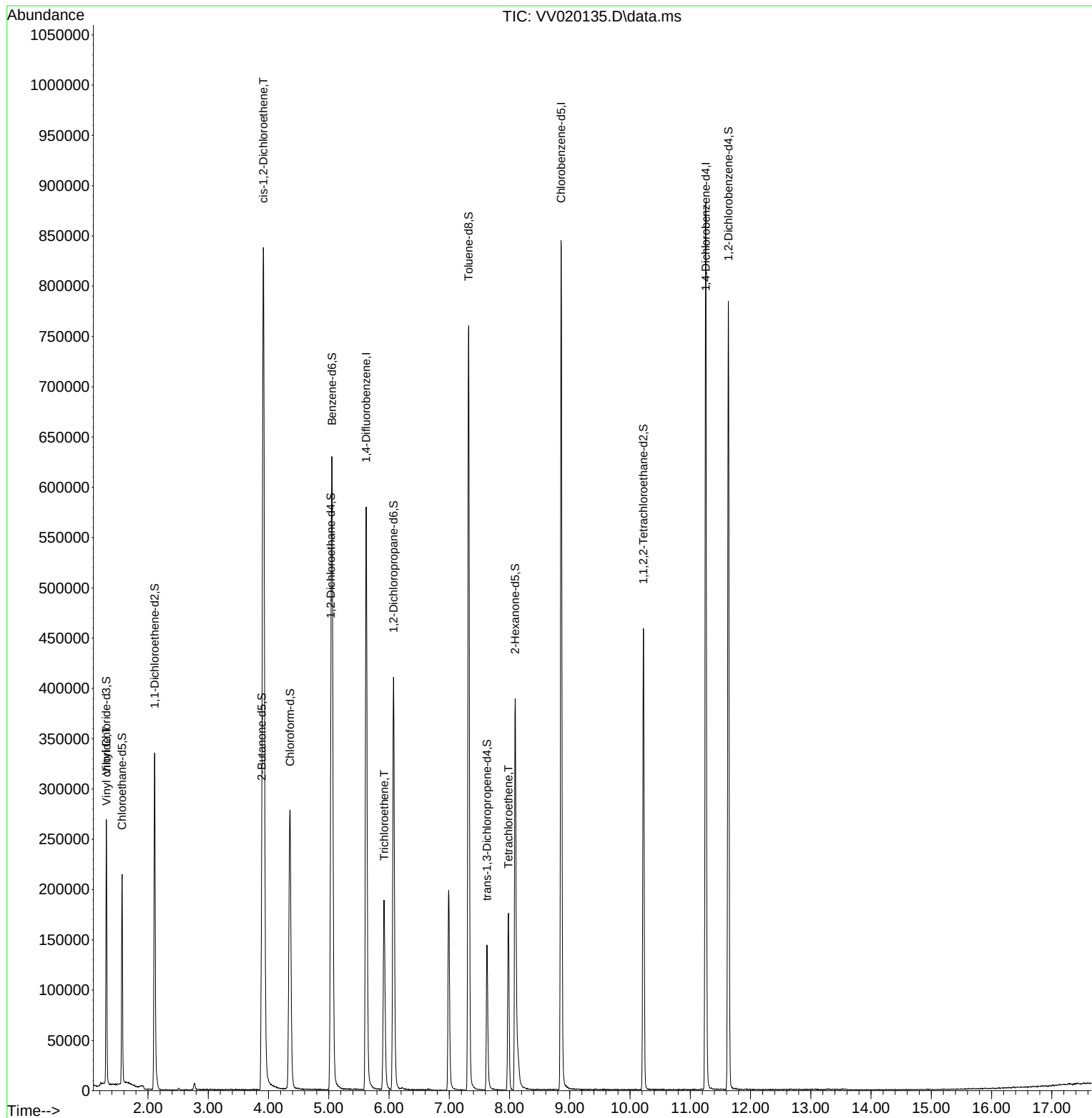
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	473059	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	423147	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	212195	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	141582	40.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.70%
7) Chloroethane-d5	1.569	69	125300	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.32%
11) 1,1-Dichloroethene-d2	2.110	63	177085	25.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.54%#
21) 2-Butanone-d5	3.888	46	200460	83.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.31%
24) Chloroform-d	4.357	84	276381	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
26) 1,2-Dichloroethane-d4	5.035	65	192489	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
32) Benzene-d6	5.055	84	503161	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.36%
36) 1,2-Dichloropropane-d6	6.074	67	189470	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.00%
41) Toluene-d8	7.322	98	495469	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloroprop...	7.627	79	81229	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.093	63	123759	80.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.93%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	201415	39.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.98%
64) 1,2-Dichlorobenzene-d4	11.633	152	181661	45.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.12%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.312	62	23239	5.67	ug/L	86
20) cis-1,2-Dichloroethene	3.913	96	413830	120.91	ug/L	97
34) Trichloroethene	5.920	95	54506	15.16	ug/L	99
46) Tetrachloroethene	7.981	164	39122	14.58	ug/L	95

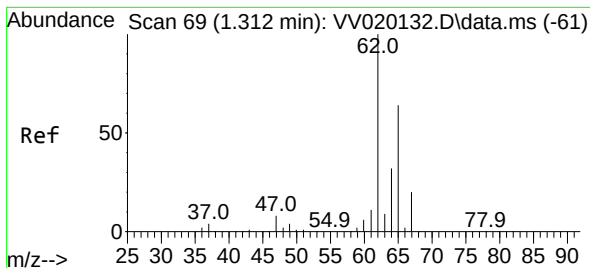
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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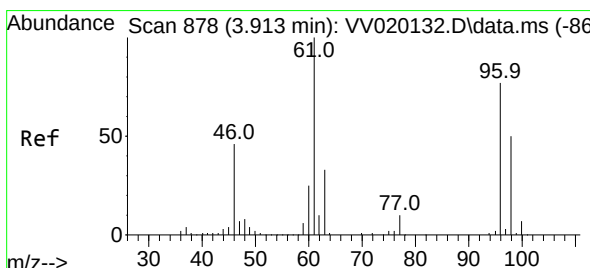
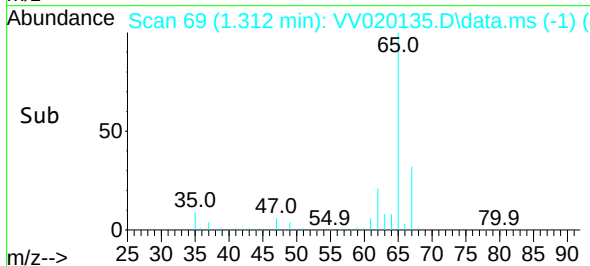
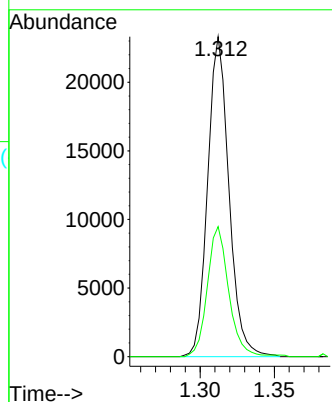
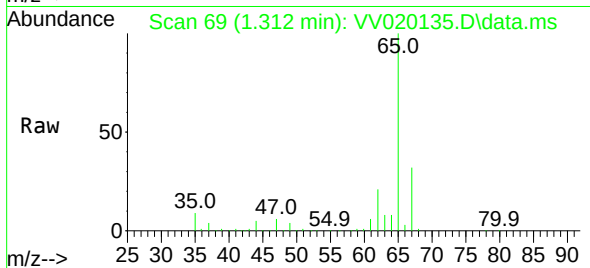




#5
 Vinyl chloride
 Concen: 5.67 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020135.D
 Acq: 22 Jan 2021 14:54

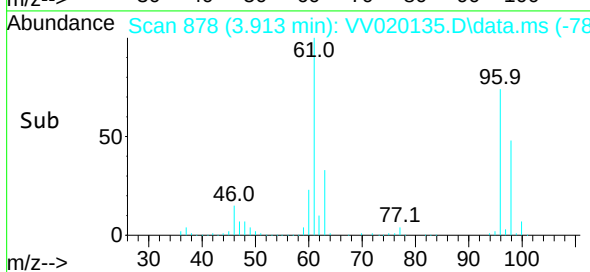
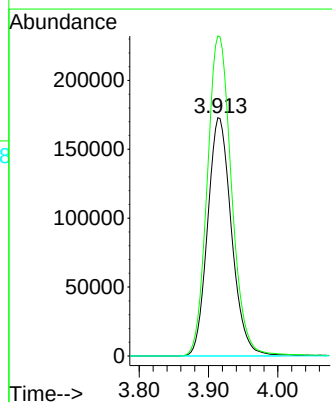
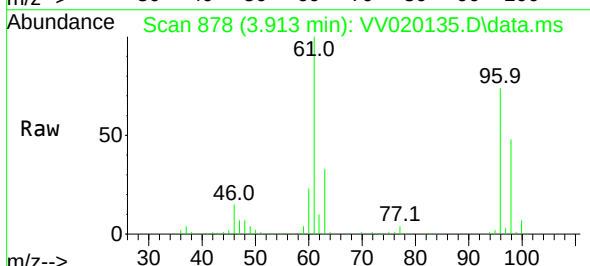
Instrument :
 MSVOA_V
 ClientSampleId :
 F1E34DL

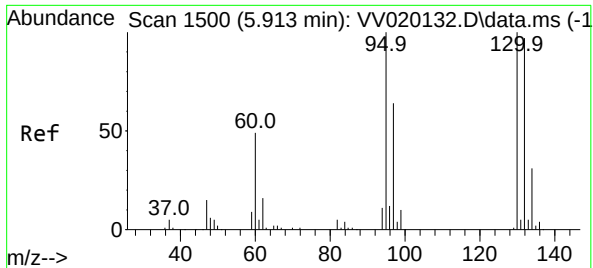
Tgt Ion: 62 Resp: 23239
 Ion Ratio Lower Upper
 62 100
 64 40.6 23.0 42.6



#20
 cis-1,2-Dichloroethene
 Concen: 120.91 ug/L
 RT: 3.913 min Scan# 878
 Delta R.T. -0.000 min
 Lab File: VV020135.D
 Acq: 22 Jan 2021 14:54

Tgt Ion: 96 Resp: 413830
 Ion Ratio Lower Upper
 96 100
 61 134.4 96.9 179.9
 68 0.0 0.0 0.0



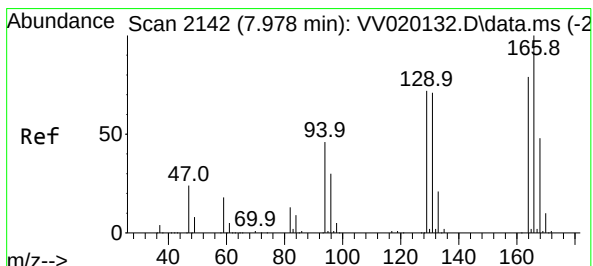
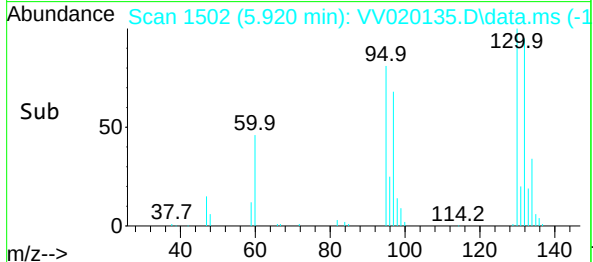
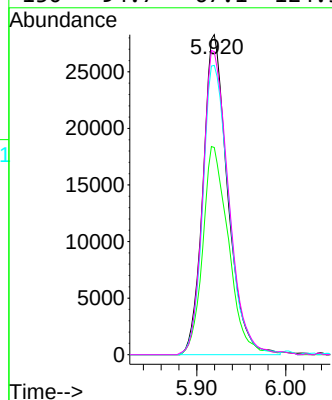
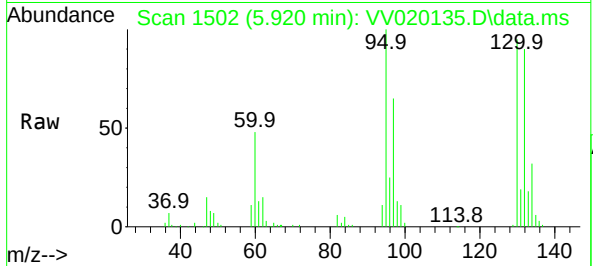


#34
Trichloroethene
Concen: 15.16 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.006 min
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ClientSampleId :
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Tgt Ion: 95 Resp: 54506

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.5	82.7
132	90.4	63.4	117.8
130	94.7	67.1	124.5



#46
Tetrachloroethene
Concen: 14.58 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020135.D
Acq: 22 Jan 2021 14:54

Tgt Ion: 164 Resp: 39122

Ion	Ratio	Lower	Upper
164	100		
129	93.1	70.6	131.0
131	90.0	66.8	124.0
166	129.1	88.2	163.8

