

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017981.D
 Acq On : 13 Aug 2020 19:48
 Operator : SY/MD
 Sample : L3665-13DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M07DL

Quant Time: Aug 14 05:44:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254762	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117476	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76955	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.18%
7) Chloroethane-d5	1.58	69	70313	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.42%
11) 1,1-Dichloroethene-d2	2.12	63	123572	33.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.46%
21) 2-Butanone-d5	3.91	46	122440	96.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.17%
24) Chloroform-d	4.38	84	162923	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.06	65	113019	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
32) Benzene-d6	5.08	84	325330	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
36) 1,2-Dichloropropane-d6	6.10	67	106958	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.74%
41) Toluene-d8	7.34	98	289312	46.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.16%
43) trans-1,3-Dichloropropene-	7.64	79	44829	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
47) 2-Hexanone-d5	8.11	63	61155	84.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134963	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	121137	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

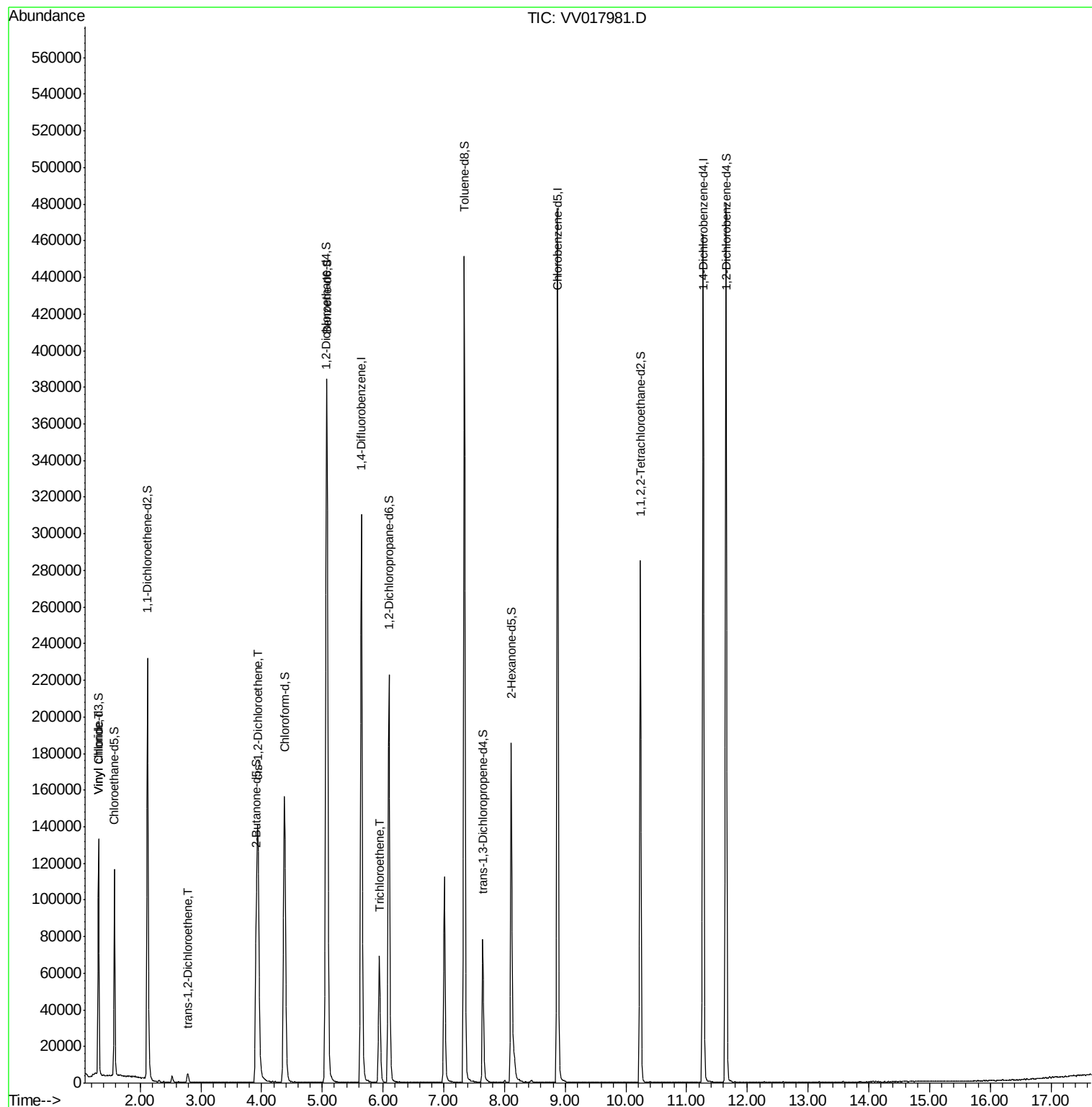
					Ovalue
5) Vinyl chloride	1.32	62	2926	1.293 ug/L	# 3
17) trans-1,2-Dichloroethene	2.78	96	2033	1.157 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	63431	32.858 ug/L	98
34) Trichloroethene	5.94	95	21923	10.697 ug/L	98

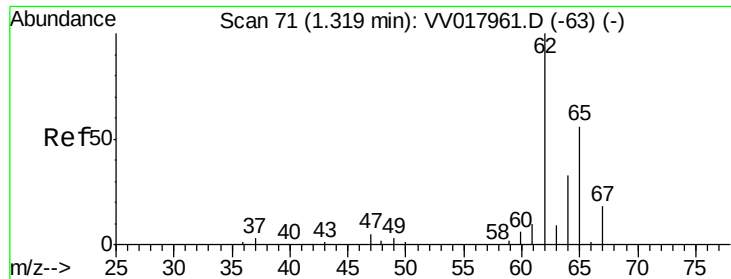
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.293 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleID :

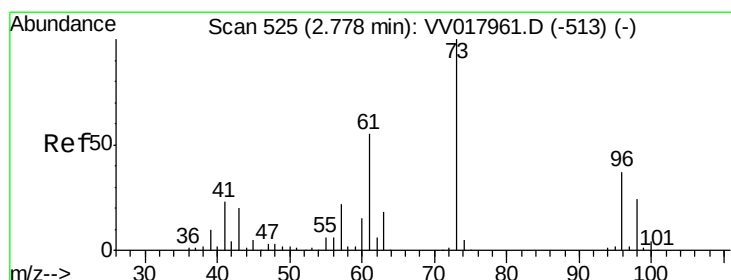
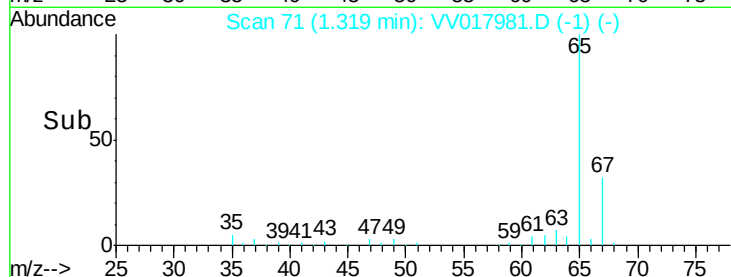
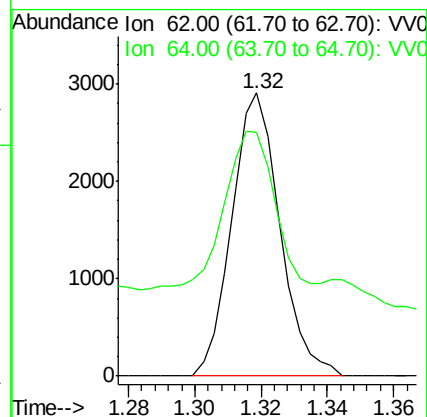
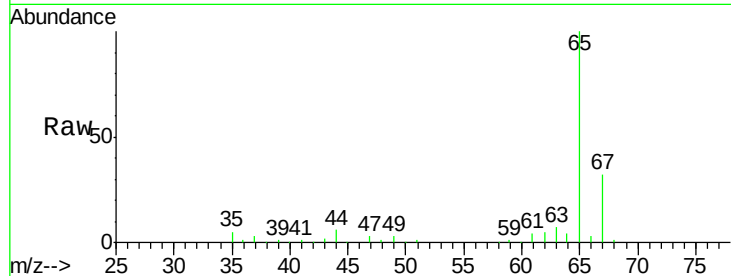
F4M07DL

Tot Ion: 62 Resp: 2926

Ion Ratio Lower Upper

62 100

64 86.2 22.4 41.6#



#17

trans-1,2-Dichloroethene

Concen: 1.157 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

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Acq: 13 Aug 2020 19:48

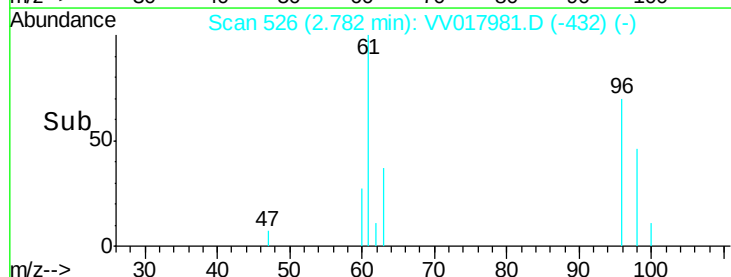
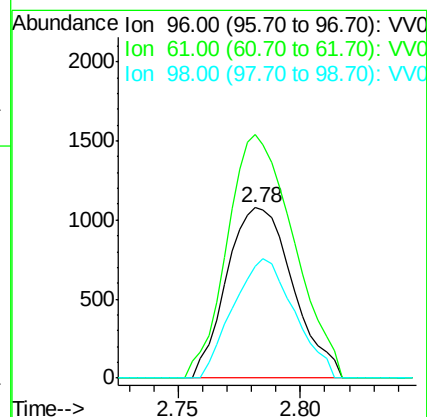
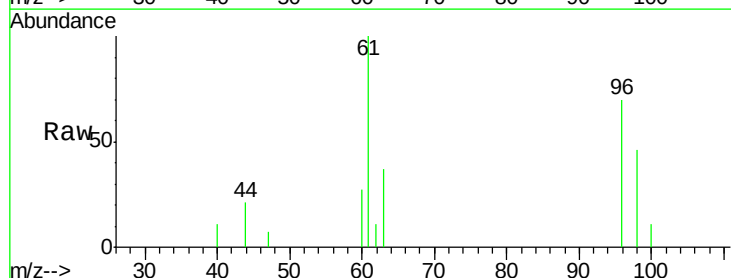
Tgt Ion: 96 Resp: 2033

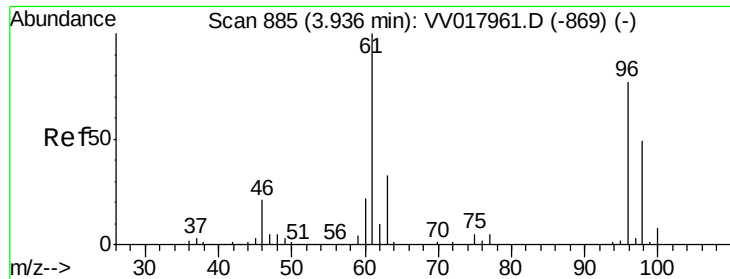
Ion Ratio Lower Upper

96 100

61 143.1 102.4 190.2

98 65.4 44.4 82.5

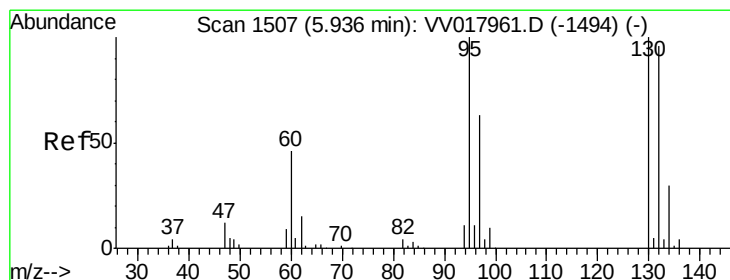
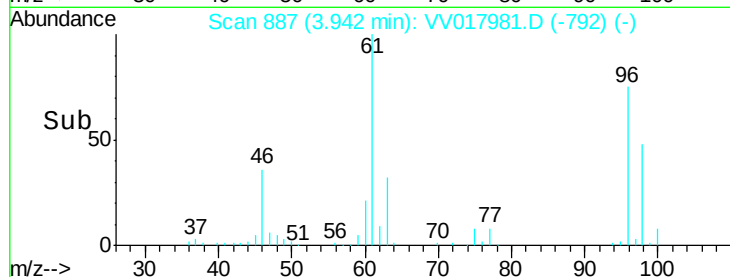
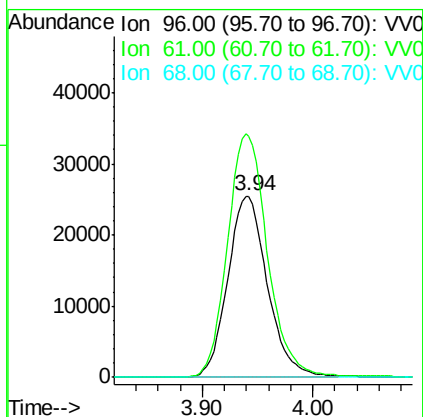
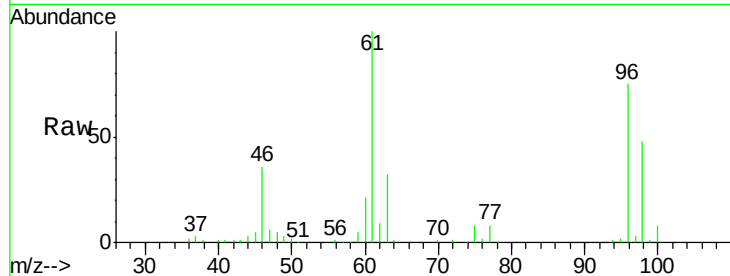




#20
 cis-1,2-Dichloroethene
 Concen: 32.858 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017981.D
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Tot Ion: 96 Resp: 63431
 Ion Ratio Lower Upper
 96 100
 61 133.2 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 10.697 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017981.D
 Acq: 13 Aug 2020 19:48

Tgt Ion: 95 Resp: 21923
 Ion Ratio Lower Upper
 95 100
 97 65.1 46.0 85.4
 132 96.9 65.8 122.2
 130 100.0 69.2 128.6

