

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017967.D
 Acq On : 13 Aug 2020 13:27
 Operator : SY/MD
 Sample : L3644-12DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L68DL

Quant Time: Aug 14 04:37:49 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	251668	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	247434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81968	42.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.38%
7) Chloroethane-d5	1.58	69	73539	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.62%
11) 1,1-Dichloroethene-d2	2.12	63	128054	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.72%
21) 2-Butanone-d5	3.90	46	116924	92.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.97%
24) Chloroform-d	4.38	84	164556	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	5.06	65	112790	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.36%
32) Benzene-d6	5.08	84	330802	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
36) 1,2-Dichloropropane-d6	6.09	67	108452	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.30%
41) Toluene-d8	7.34	98	290827	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%
43) trans-1,3-Dichloropropene-	7.64	79	45892	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.78%
47) 2-Hexanone-d5	8.11	63	57136	79.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133004	45.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	120970	52.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.94%

Target Compounds

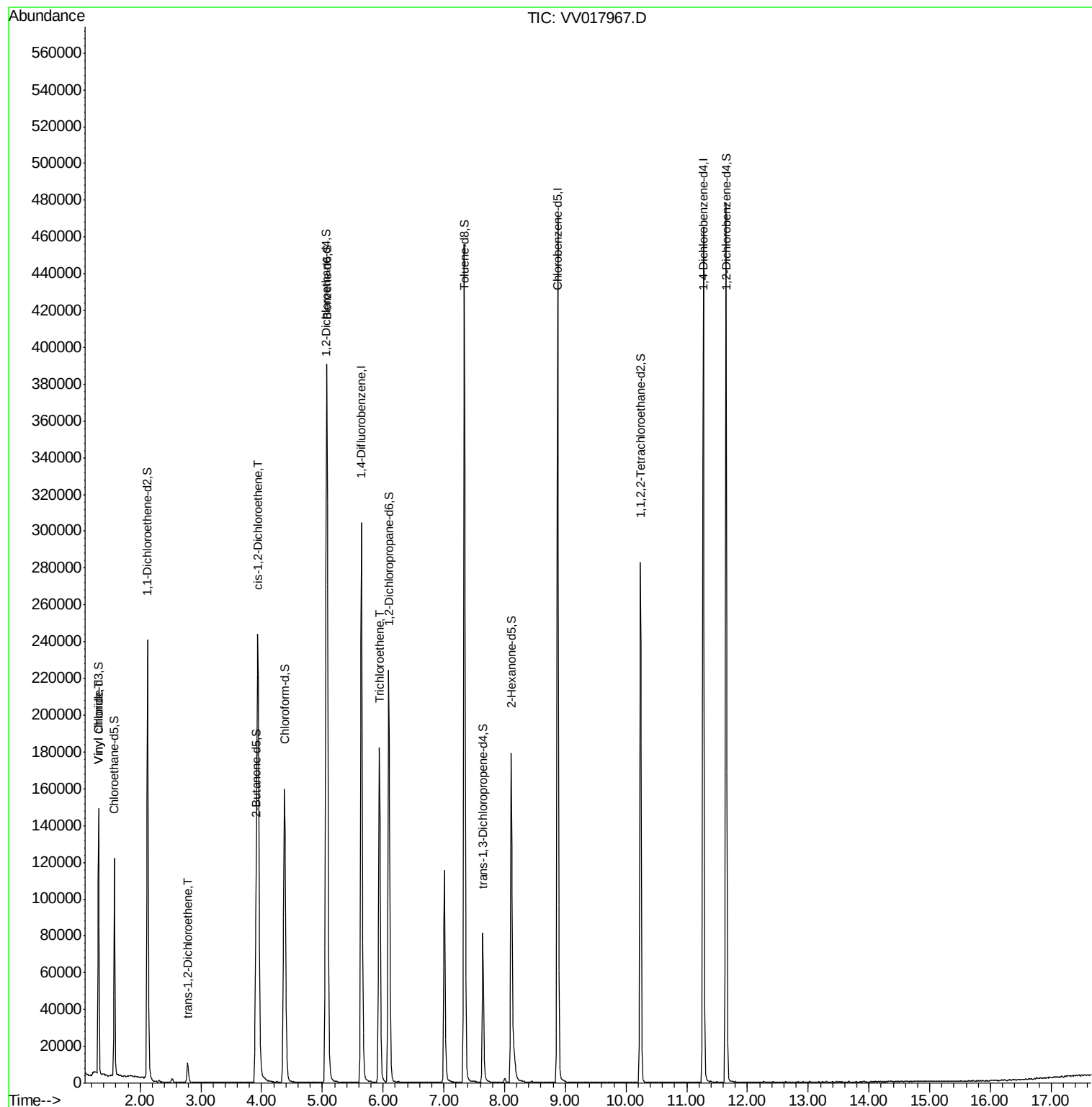
					Ovalue
5) Vinyl chloride	1.32	62	9563	4.276 ug/L	# 63
17) trans-1,2-Dichloroethene	2.78	96	4079	2.351 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	125063	65.581 ug/L	98
34) Trichloroethene	5.94	95	61713	30.498 ug/L	97

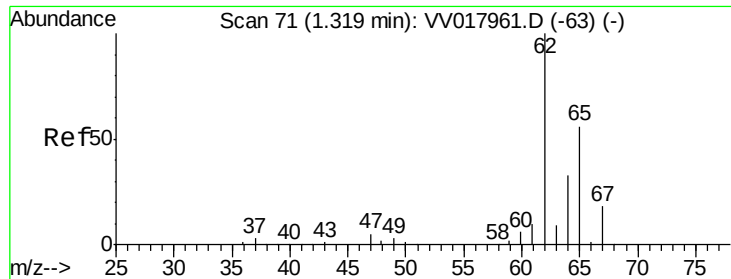
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.276 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017967.D

Acq: 13 Aug 2020 13:27

Instrument :

MSVOA_V

ClientSampled :

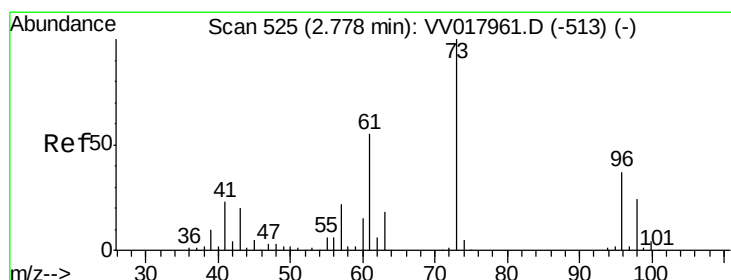
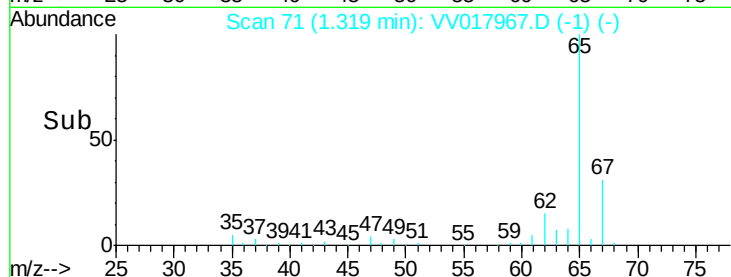
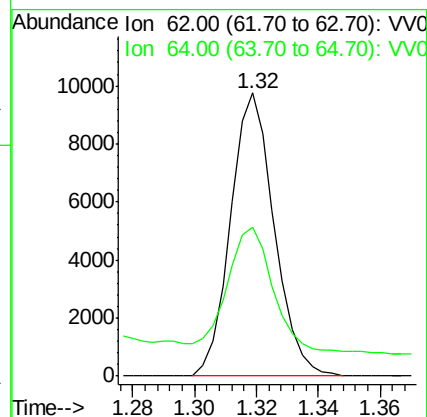
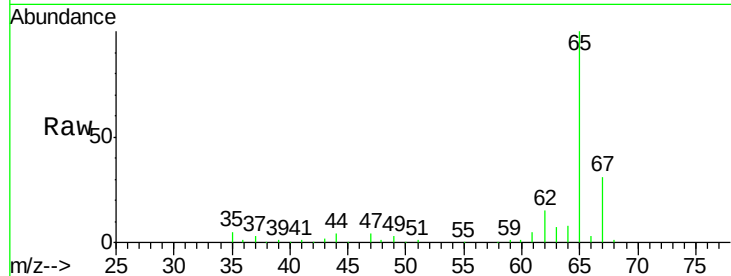
F2L68DL

Tot Ion: 62 Resp: 9563

Ion Ratio Lower Upper

62 100

64 52.5 22.4 41.6#



#17

trans-1,2-Dichloroethene

Concen: 2.351 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017967.D

Acq: 13 Aug 2020 13:27

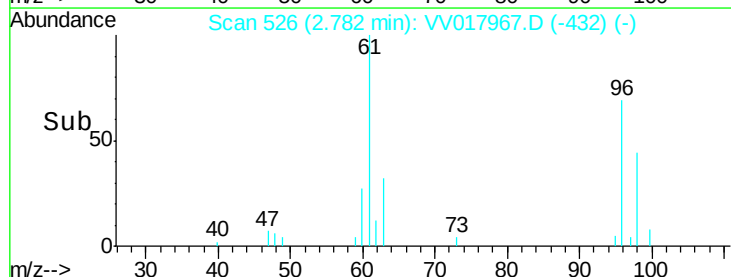
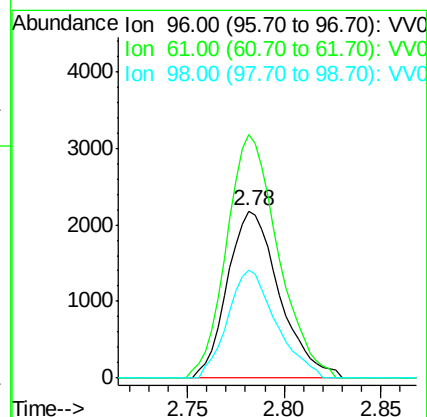
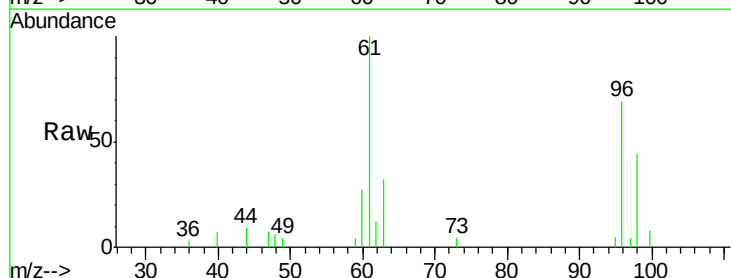
Tgt Ion: 96 Resp: 4079

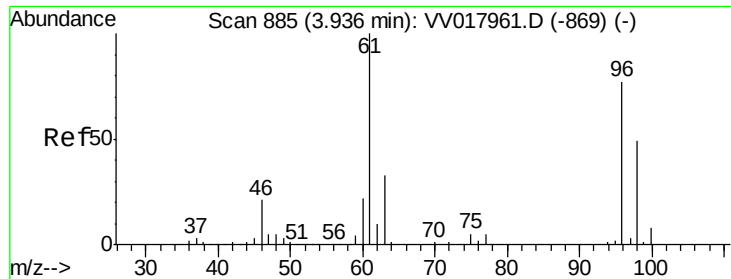
Ion Ratio Lower Upper

96 100

61 145.9 102.4 190.2

98 64.8 44.4 82.5

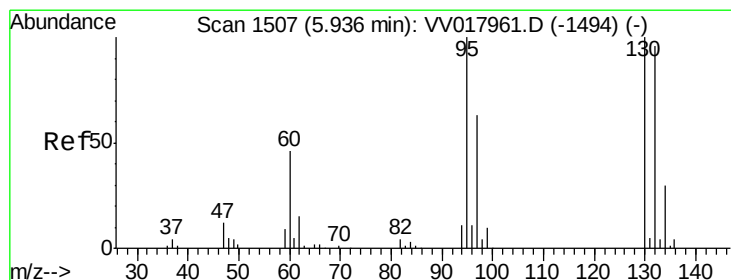
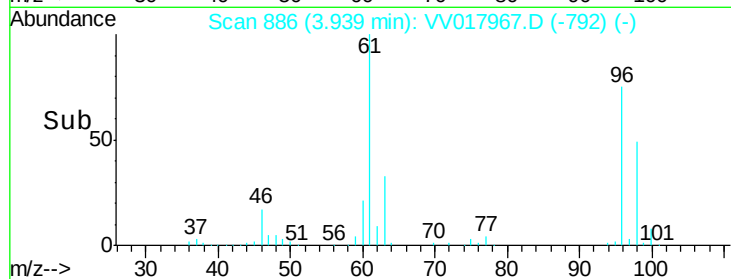
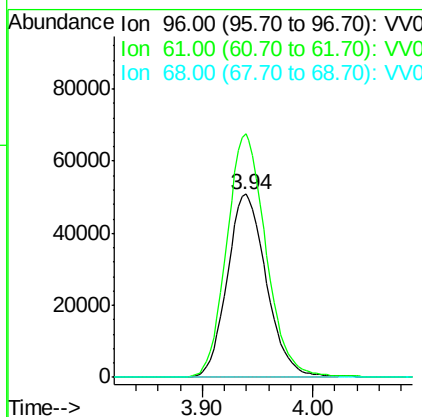
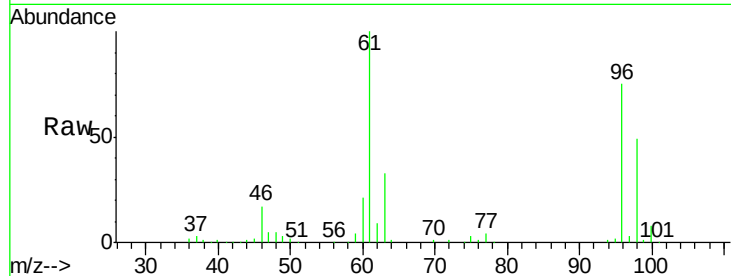




#20
 cis-1,2-Dichloroethene
 Concen: 65.581 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
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Tot Ion: 96 Resp: 125063
 Ion Ratio Lower Upper
 96 100
 61 132.9 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 30.498 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017967.D
 Acq: 13 Aug 2020 13:27

Tgt Ion: 95 Resp: 61713
 Ion Ratio Lower Upper
 95 100
 97 63.2 46.0 85.4
 132 96.9 65.8 122.2
 130 100.9 69.2 128.6

