

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017943.D
 Acq On : 12 Aug 2020 22:37
 Operator : SY/MD
 Sample : L3644-09DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L65DL

Quant Time: Aug 13 06:17:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	252998	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	248232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87573	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.74%
7) Chloroethane-d5	1.58	69	75711	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.88%
11) 1,1-Dichloroethene-d2	2.12	63	132143	35.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.58%
21) 2-Butanone-d5	3.92	46	121329	95.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.96%
24) Chloroform-d	4.38	84	166710	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.06	65	116180	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
32) Benzene-d6	5.08	84	334461	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.09	67	110169	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.34	98	293386	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.64	79	46746	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.16%
47) 2-Hexanone-d5	8.11	63	58628	81.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129344	44.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	116619	53.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.56%

Target Compounds

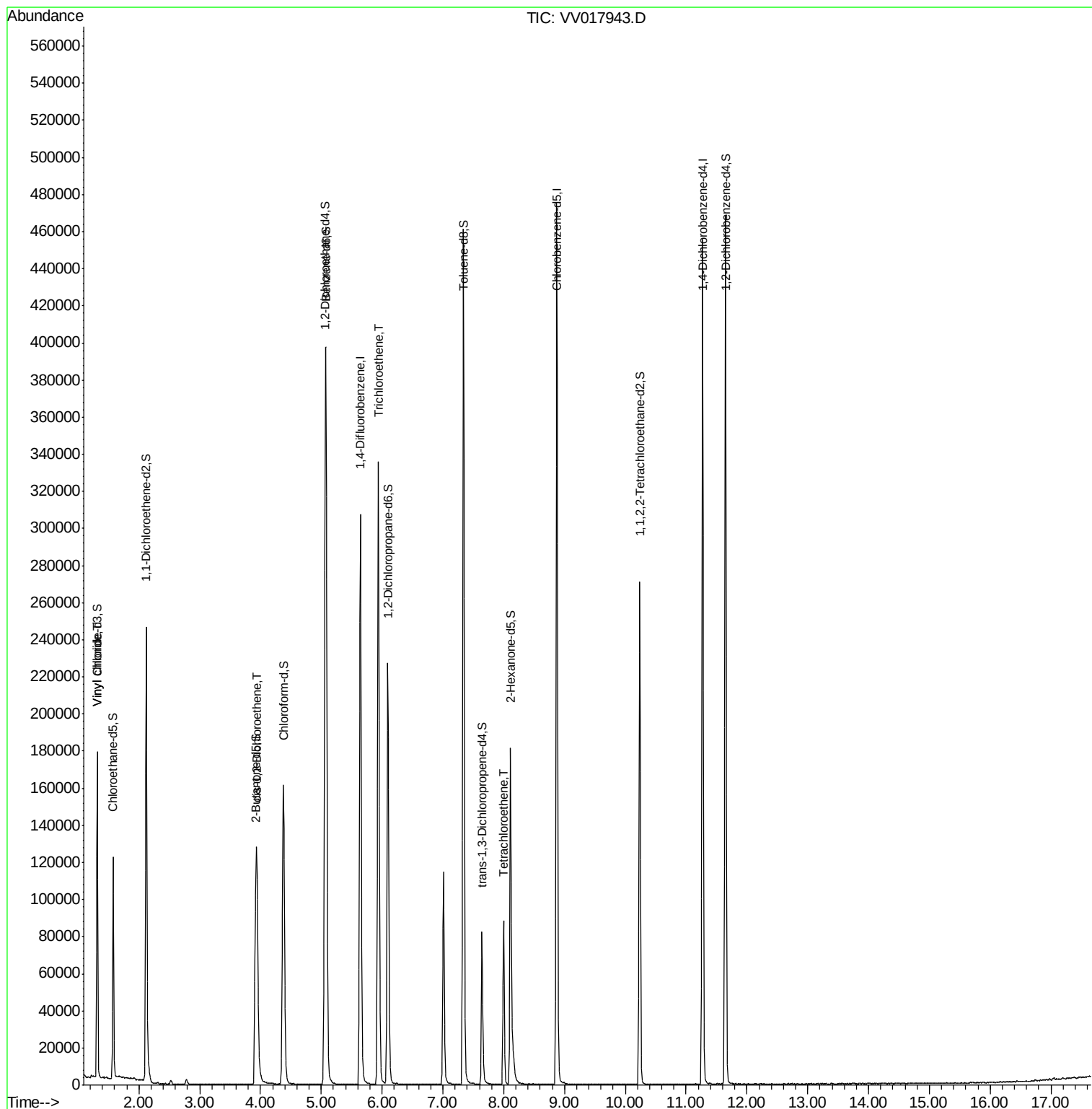
					Ovalue
5) Vinyl chloride	1.32	62	25128	11.178 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	50436	26.309 ug/L	96
34) Trichloroethene	5.94	95	115613	56.952 ug/L	99
46) Tetrachloroethene	8.00	164	20190	13.561 ug/L	97

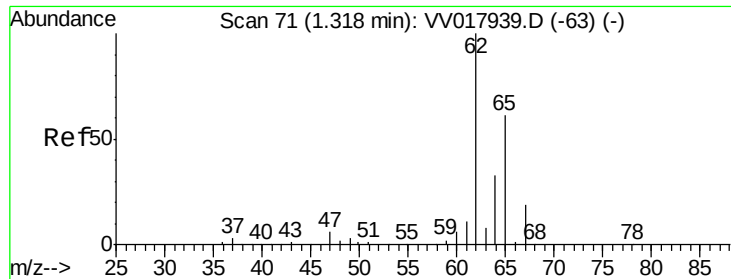
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.178 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017943.D

Acq: 12 Aug 2020 22:37

Instrument :

MSVOA_V

ClientSampled :

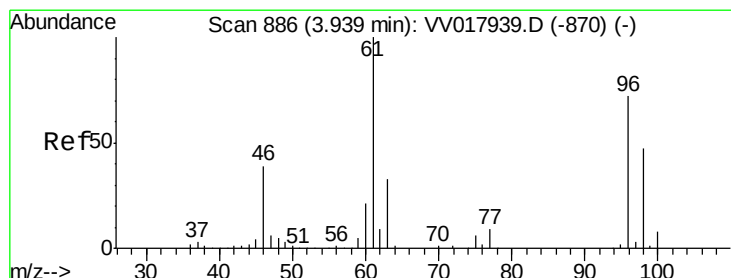
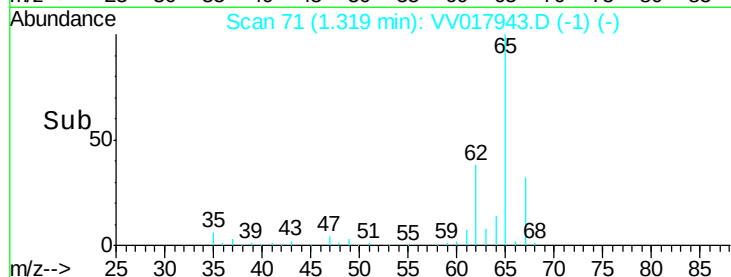
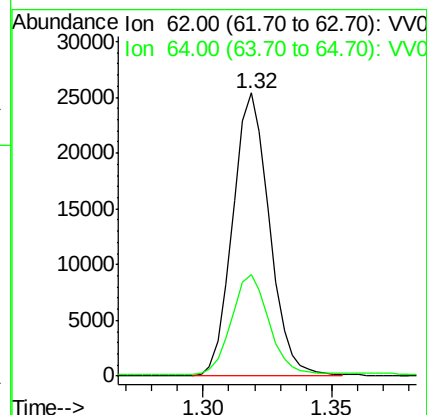
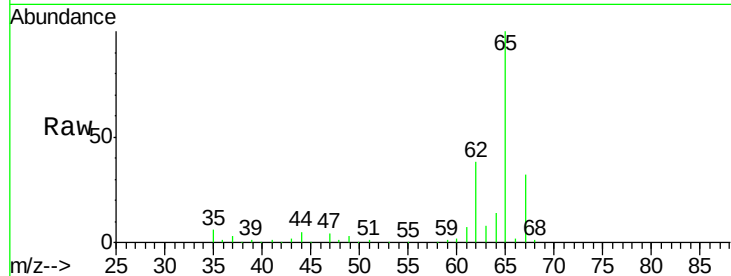
F2L65DL

Tot Ion: 62 Resp: 25128

Ion Ratio Lower Upper

62 100

64 36.0 22.4 41.6



#20

cis-1,2-Dichloroethene

Concen: 26.309 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV017943.D

Acq: 12 Aug 2020 22:37

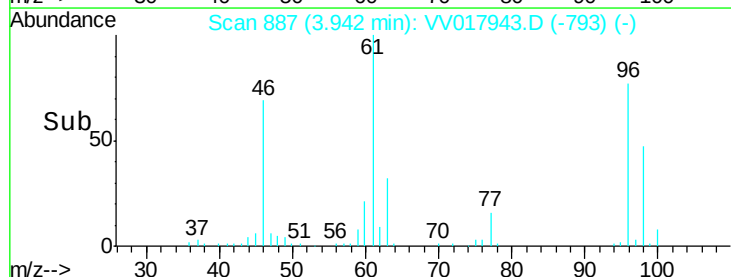
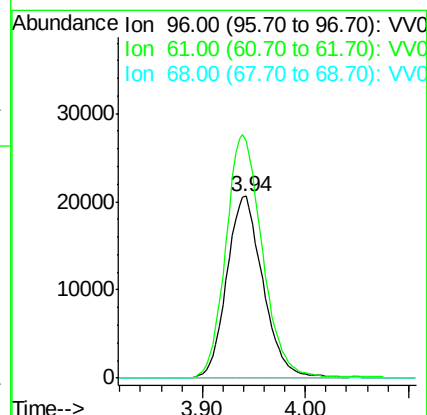
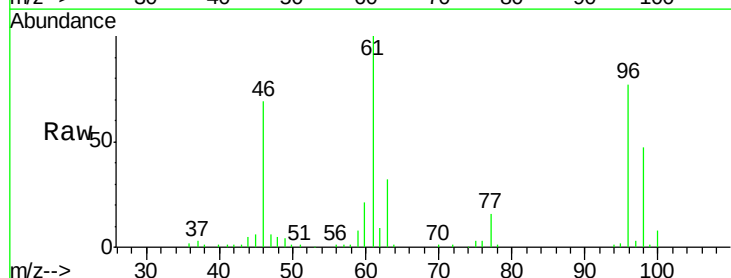
Tgt Ion: 96 Resp: 50436

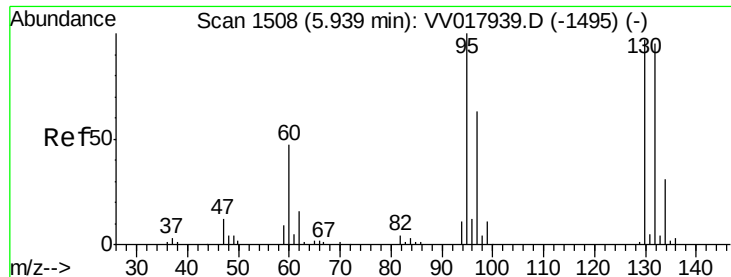
Ion Ratio Lower Upper

96 100

61 130.5 95.0 176.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 56.952 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017943.D

Acq: 12 Aug 2020 22:37

Instrument :

MSVOA_V

ClientSampleId :

F2L65DL

Tot Ion: 95 Resp: 115613

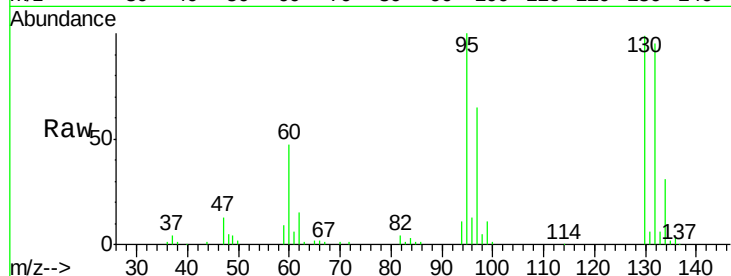
Ion Ratio Lower Upper

95 100

97 64.5 46.0 85.4

132 95.4 65.8 122.2

130 99.1 69.2 128.6

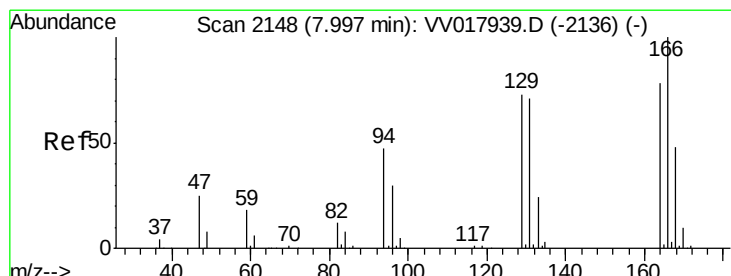
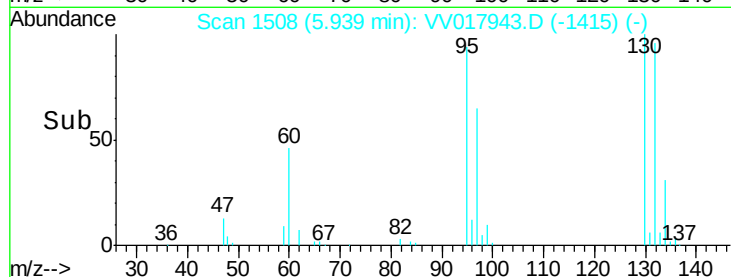
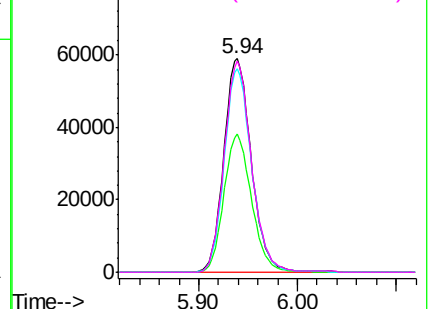


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 13.561 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017943.D

Acq: 12 Aug 2020 22:37

Tgt Ion: 164 Resp: 20190

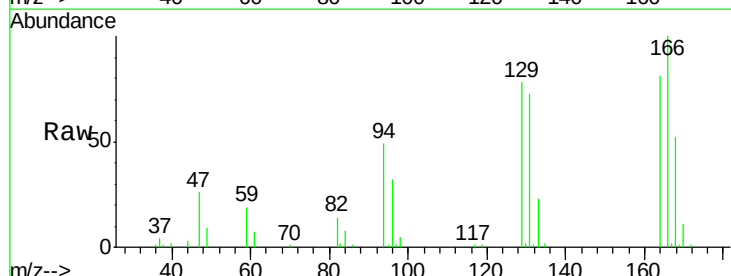
Ion Ratio Lower Upper

164 100

129 95.3 64.8 120.3

131 89.9 64.5 119.9

166 122.9 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

