

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017938.D
 Acq On : 12 Aug 2020 19:31
 Operator : SY/MD
 Sample : L3644-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M08

Quant Time: Aug 13 05:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 04:34:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	250273	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	241835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	109318	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87907	46.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.08%
7) Chloroethane-d5	1.58	69	77027	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.62%
11) 1,1-Dichloroethene-d2	2.12	63	130800	35.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.62%
21) 2-Butanone-d5	3.91	46	126620	101.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.24%
24) Chloroform-d	4.38	84	166981	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	5.06	65	116691	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
32) Benzene-d6	5.08	84	336733	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.09	67	111308	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.16%
41) Toluene-d8	7.34	98	294580	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%
43) trans-1,3-Dichloropropene-	7.64	79	47325	47.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.78%
47) 2-Hexanone-d5	8.11	63	64824	92.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136731	48.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	115502	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

Target Compounds

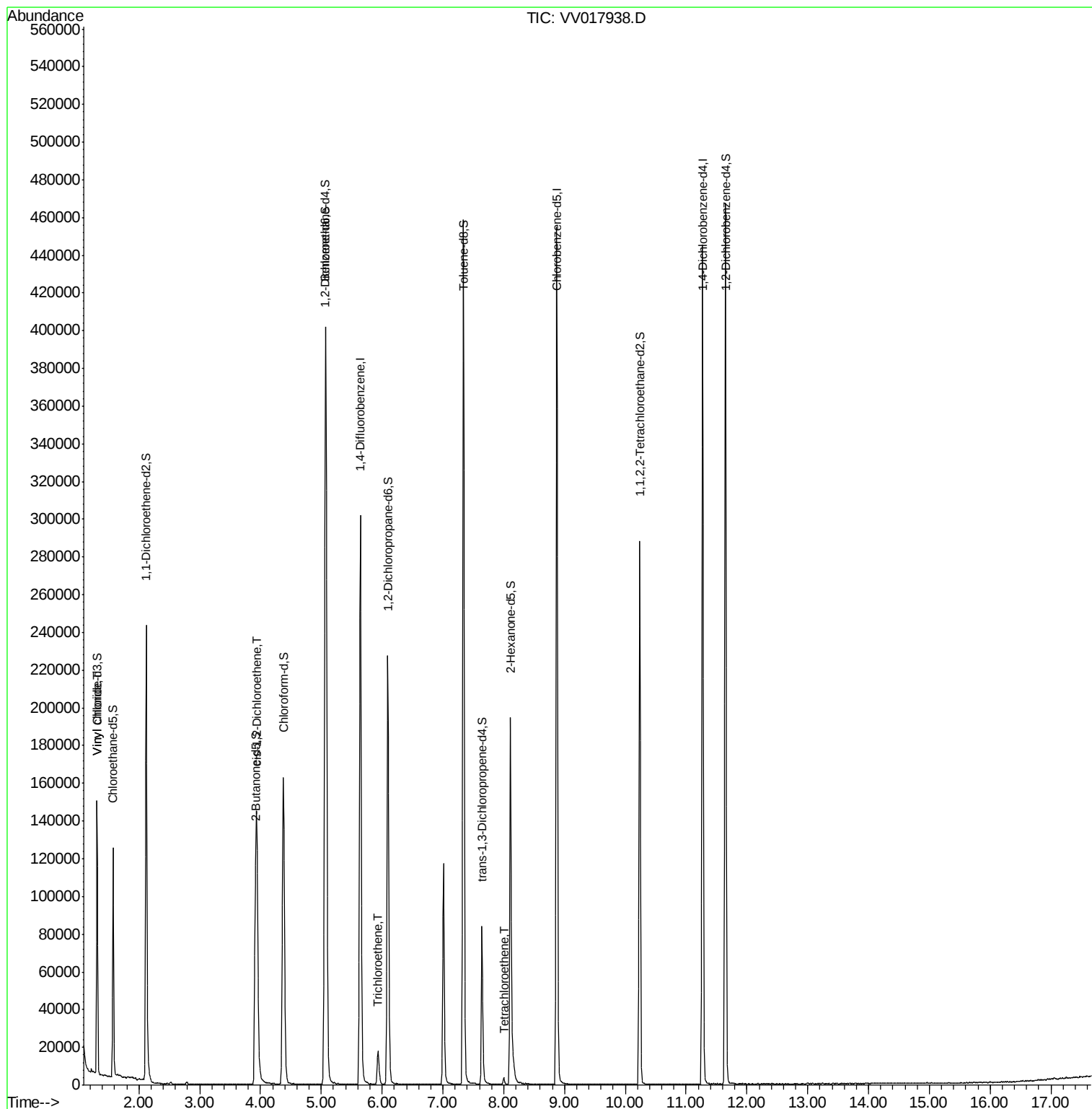
					Ovalue
5) Vinyl chloride	1.32	62	2854	1.283 ug/L #	32
20) cis-1,2-Dichloroethene	3.94	96	62791	33.110 ug/L	98
34) Trichloroethene	5.94	95	2688	1.359 ug/L	94
46) Tetrachloroethene	8.00	164	815	0.562 ug/L	91

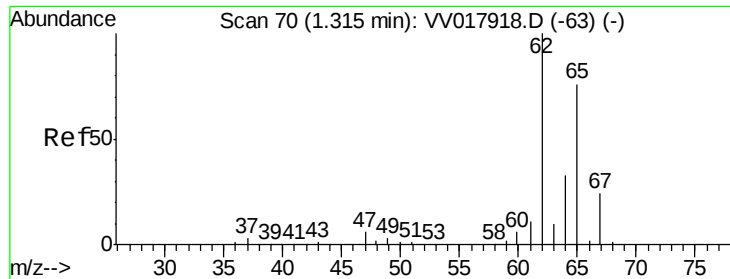
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.283 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV017938.D

Acq: 12 Aug 2020 19:31

Instrument :

MSVOA_V

ClientSampled :

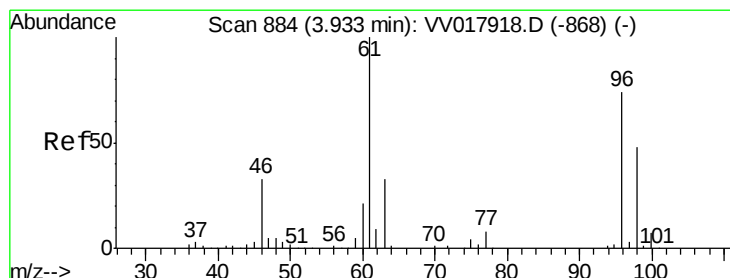
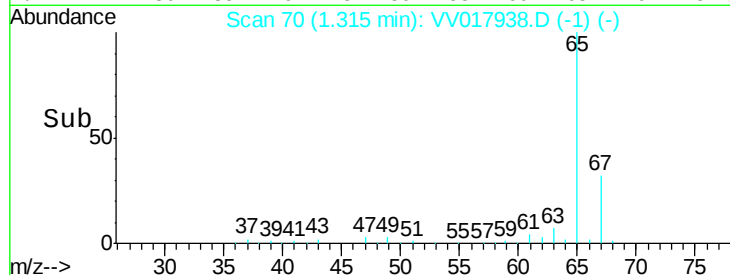
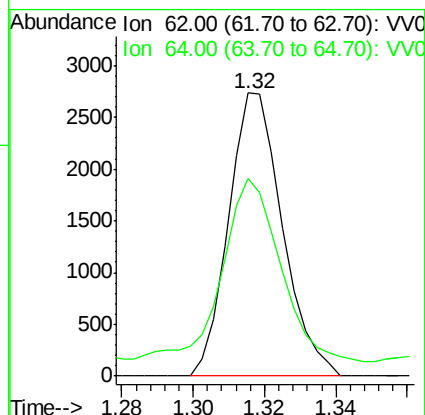
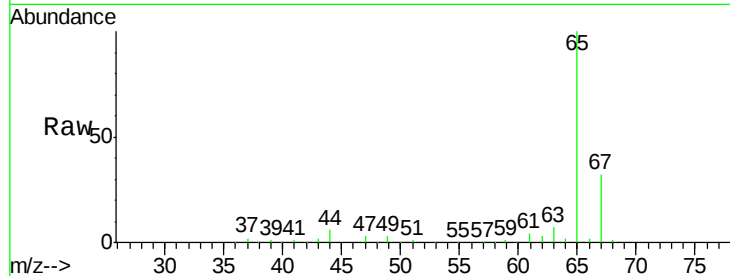
F2M08

Tot Ion: 62 Resp: 2854

Ion Ratio Lower Upper

62 100

64 70.0 22.4 41.6#



#20

cis-1,2-Dichloroethene

Concen: 33.110 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017938.D

Acq: 12 Aug 2020 19:31

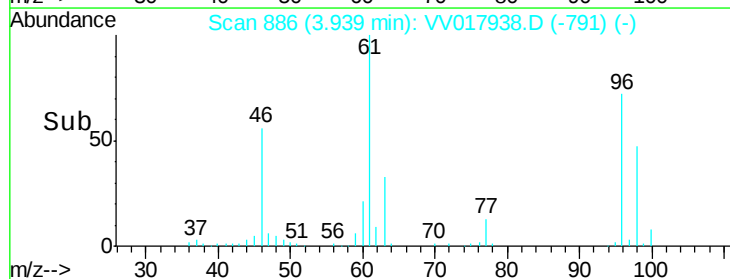
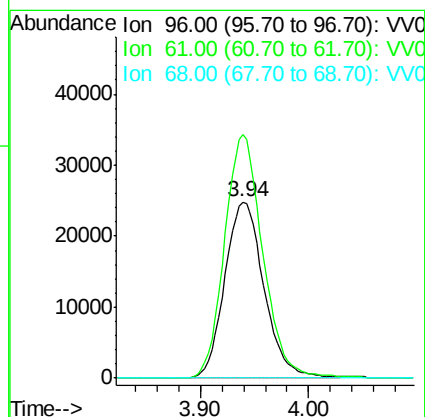
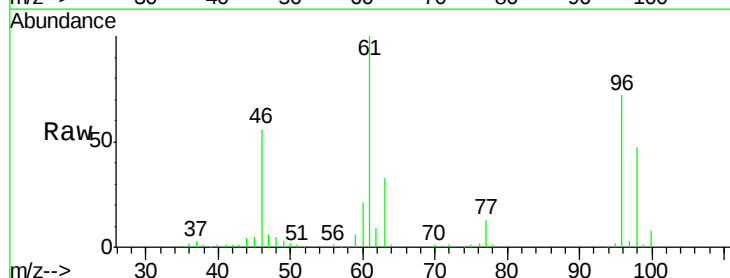
Tgt Ion: 96 Resp: 62791

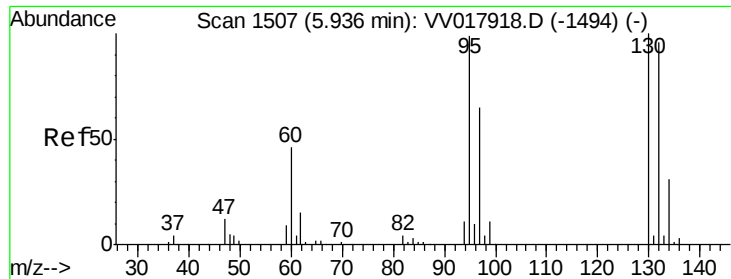
Ion Ratio Lower Upper

96 100

61 138.4 95.0 176.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.359 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017938.D

Acq: 12 Aug 2020 19:31

Instrument :

MSVOA_V

ClientSampleId :

F2M08

Tot Ion: 95 Resp: 2688

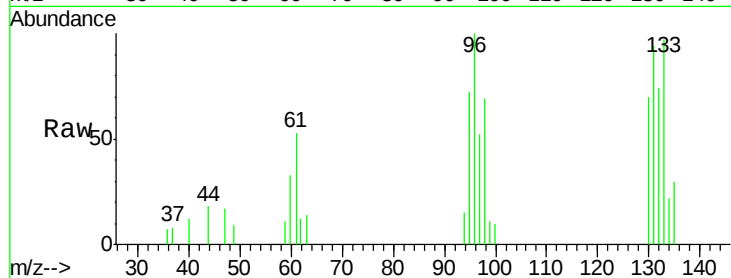
Ion Ratio Lower Upper

95 100

97 72.6 46.0 85.4

132 102.8 65.8 122.2

130 97.1 69.2 128.6

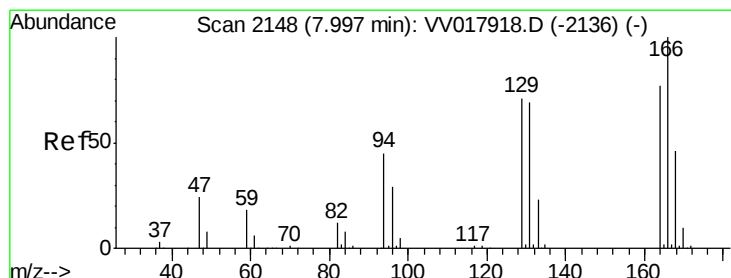
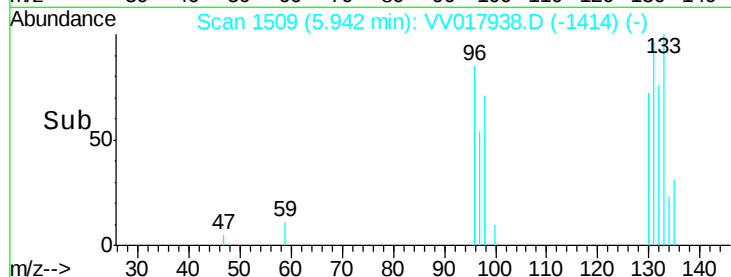
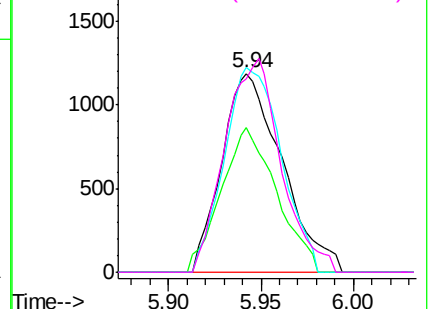


Abundance Ion 95.00 (94.70 to 95.70): VV017918.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017918.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017918.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017918.D (-1494) (-)



#46

Tetrachloroethene

Concen: 0.562 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV017938.D

Acq: 12 Aug 2020 19:31

Tgt Ion: 164 Resp: 815

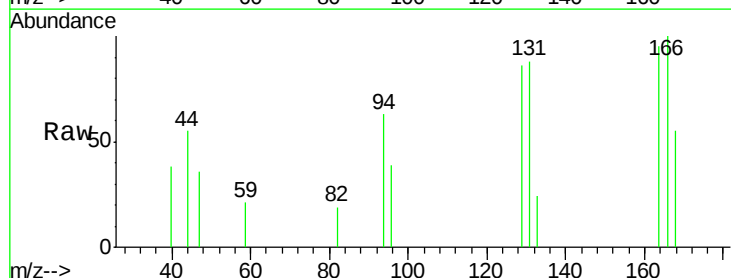
Ion Ratio Lower Upper

164 100

129 90.4 64.8 120.3

131 92.0 64.5 119.9

166 104.9 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): VV017918.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV017918.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV017918.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV017918.D (-2136) (-)

