

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017944.D
 Acq On : 12 Aug 2020 23:00
 Operator : SY/MD
 Sample : L3644-10DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L66DL

Quant Time: Aug 13 06:21:43 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	254482	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	249528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113073	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88537	45.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	77767	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.92%
11) 1,1-Dichloroethene-d2	2.12	63	135695	36.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.08%
21) 2-Butanone-d5	3.91	46	126805	99.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.71%
24) Chloroform-d	4.38	84	168050	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
26) 1,2-Dichloroethane-d4	5.06	65	118180	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
32) Benzene-d6	5.08	84	340353	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
36) 1,2-Dichloropropane-d6	6.09	67	113492	50.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.96%
41) Toluene-d8	7.34	98	297331	48.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.16%
43) trans-1,3-Dichloropropene-	7.64	79	46995	46.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.18%
47) 2-Hexanone-d5	8.11	63	60096	83.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.30%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131966	45.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	119381	53.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.30%

Target Compounds

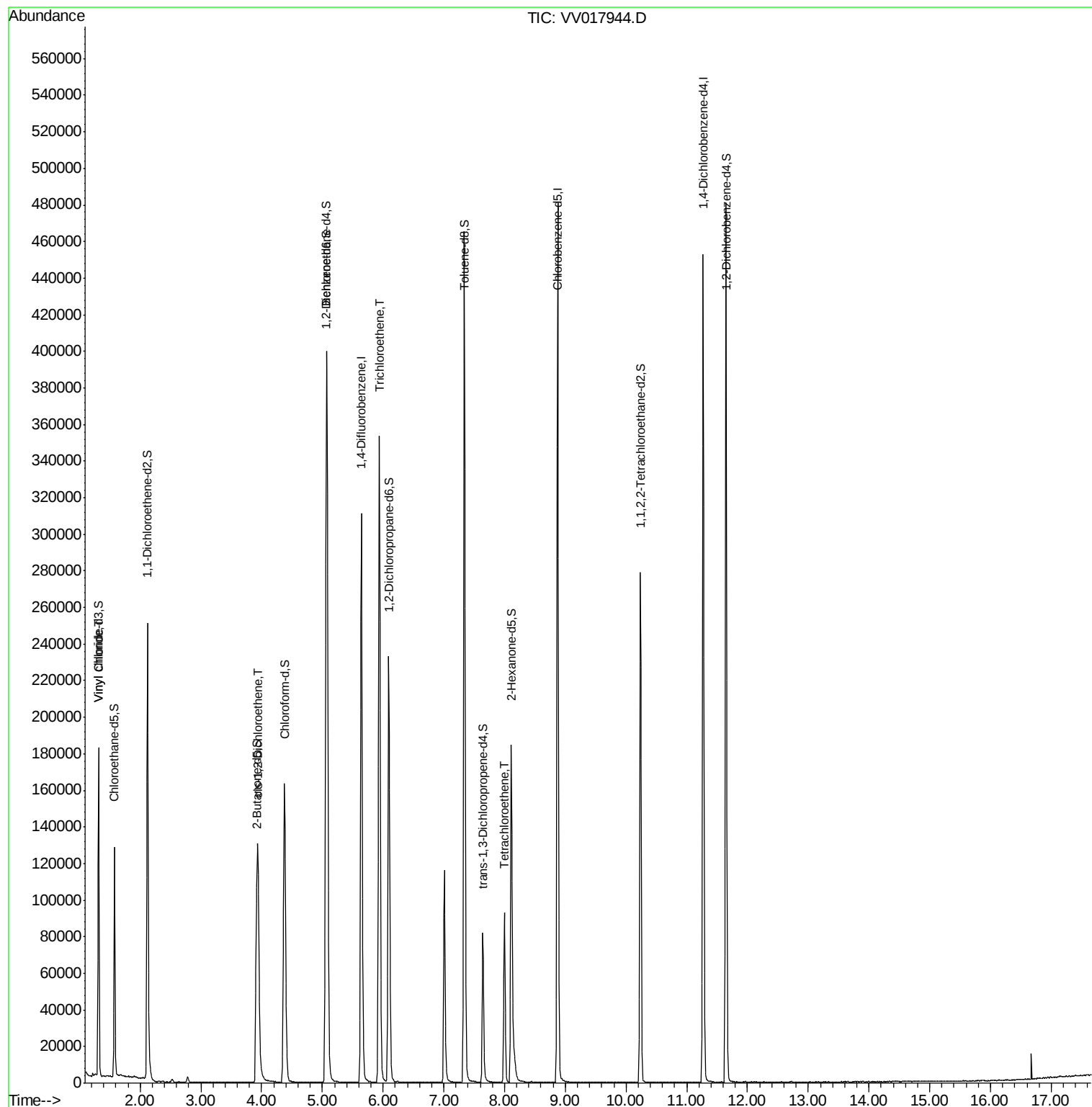
					Ovalue
5) Vinyl chloride	1.32	62	25157	11.125 ug/L	92
20) cis-1,2-Dichloroethene	3.94	96	51464	26.689 ug/L	100
34) Trichloroethene	5.94	95	122993	60.272 ug/L	99
46) Tetrachloroethene	8.00	164	20823	13.914 ug/L	98

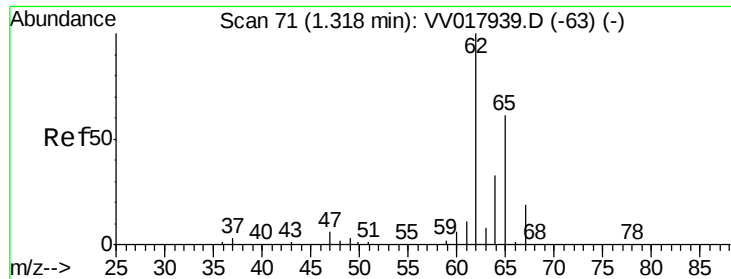
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.125 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017944.D

Acq: 12 Aug 2020 23:00

Instrument :

MSVOA_V

ClientSampleId :

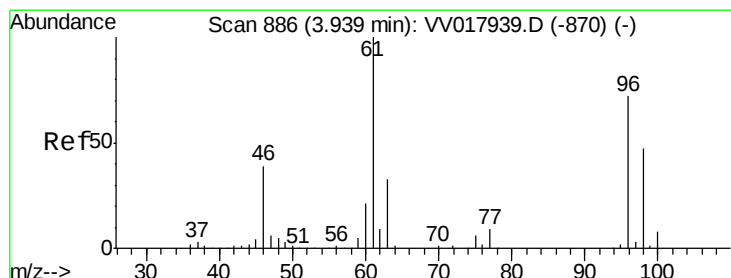
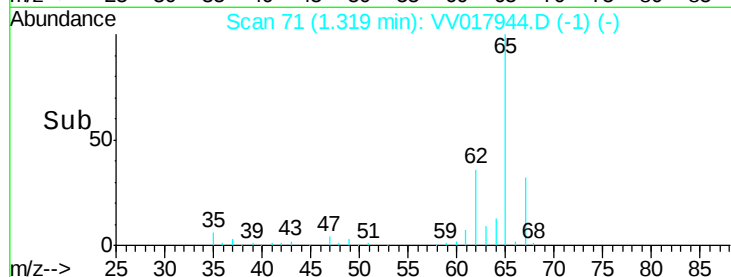
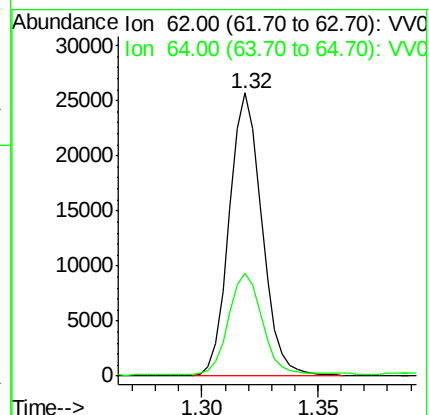
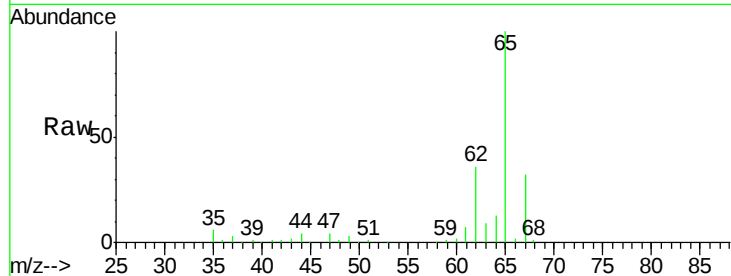
F2L66DL

Tot Ion: 62 Resp: 25157

Ion Ratio Lower Upper

62 100

64 36.5 22.4 41.6



#20

cis-1,2-Dichloroethene

Concen: 26.689 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017944.D

Acq: 12 Aug 2020 23:00

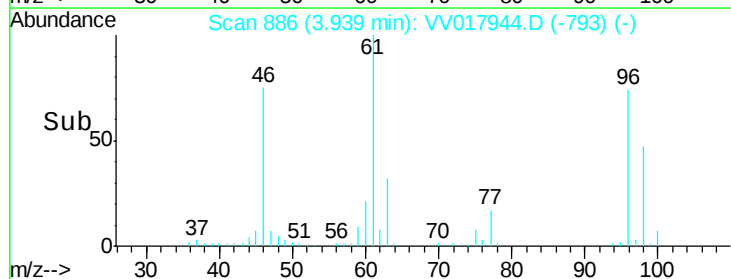
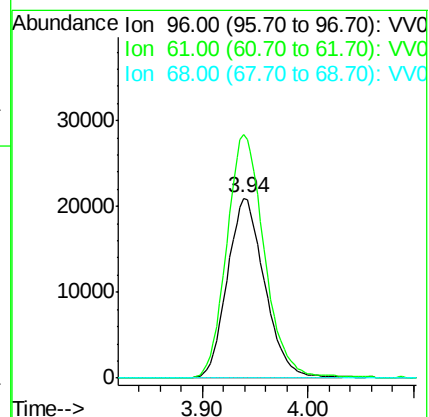
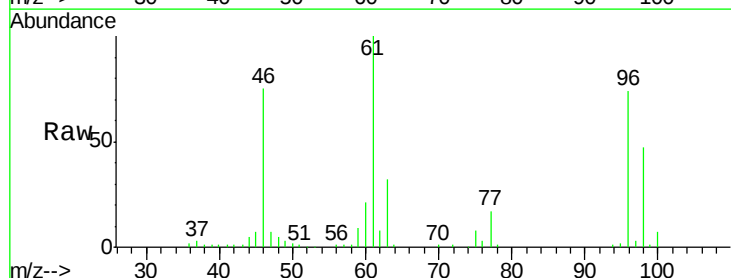
Tgt Ion: 96 Resp: 51464

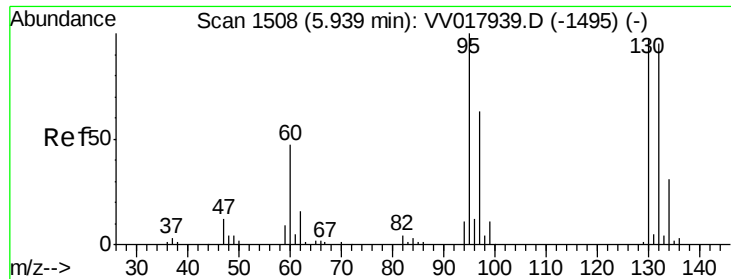
Ion Ratio Lower Upper

96 100

61 135.4 95.0 176.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 60.272 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017944.D

Acq: 12 Aug 2020 23:00

Instrument :

MSVOA_V

ClientSampleID :

F2L66DL

Tot Ion: 95 Resp: 122993

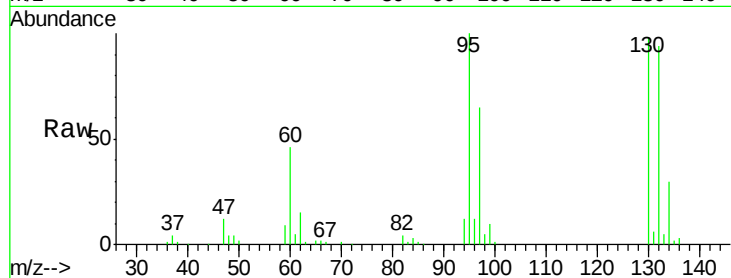
Ion Ratio Lower Upper

95 100

97 64.5 46.0 85.4

132 93.9 65.8 122.2

130 98.0 69.2 128.6



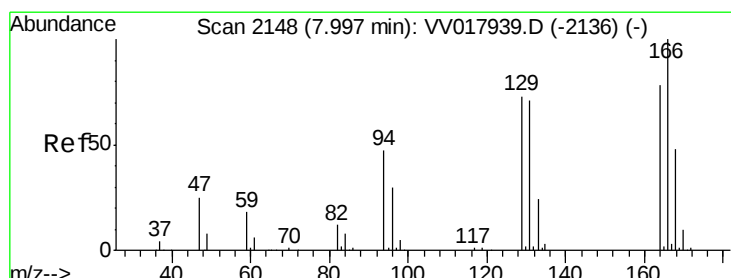
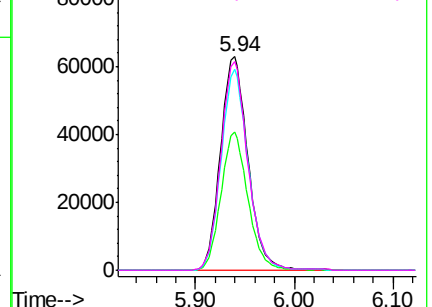
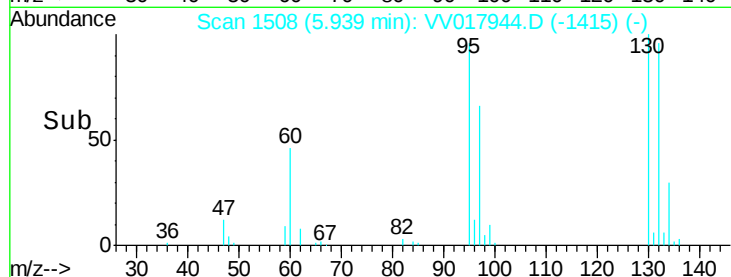
Abundance

Ion 95.00 (94.70 to 95.70): VV017944.D (-1415) (-)

Ion 97.00 (96.70 to 97.70): VV017944.D (-1415) (-)

Ion 132.00 (131.70 to 132.70): VV017944.D (-1415) (-)

Ion 130.00 (129.70 to 130.70): VV017944.D (-1415) (-)



#46

Tetrachloroethene

Concen: 13.914 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017944.D

Acq: 12 Aug 2020 23:00

Tgt Ion: 164 Resp: 20823

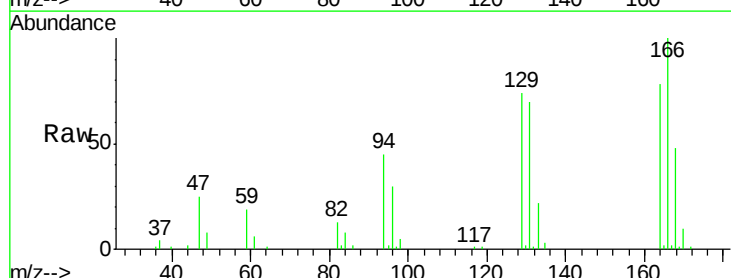
Ion Ratio Lower Upper

164 100

129 94.6 64.8 120.3

131 89.8 64.5 119.9

166 128.1 88.9 165.1



Abundance

Ion 164.00 (163.70 to 164.70): VV017944.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV017944.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV017944.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV017944.D (-2055) (-)

