

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017965.D
 Acq On : 13 Aug 2020 12:40
 Operator : SY/MD
 Sample : L3644-07DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L60DL

Quant Time: Aug 14 04:32:07 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	276469	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	269612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	84116	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.76%
7) Chloroethane-d5	1.58	69	73262	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.90%
11) 1,1-Dichloroethene-d2	2.12	63	130730	32.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.80%
21) 2-Butanone-d5	3.90	46	113571	82.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.20%
24) Chloroform-d	4.37	84	162052	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	5.06	65	111596	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.07	84	325910	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
36) 1,2-Dichloropropane-d6	6.09	67	106589	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.76%
41) Toluene-d8	7.34	98	289413	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.64	79	45447	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.50%
47) 2-Hexanone-d5	8.11	63	57396	73.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129828	41.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	117608	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%

Target Compounds

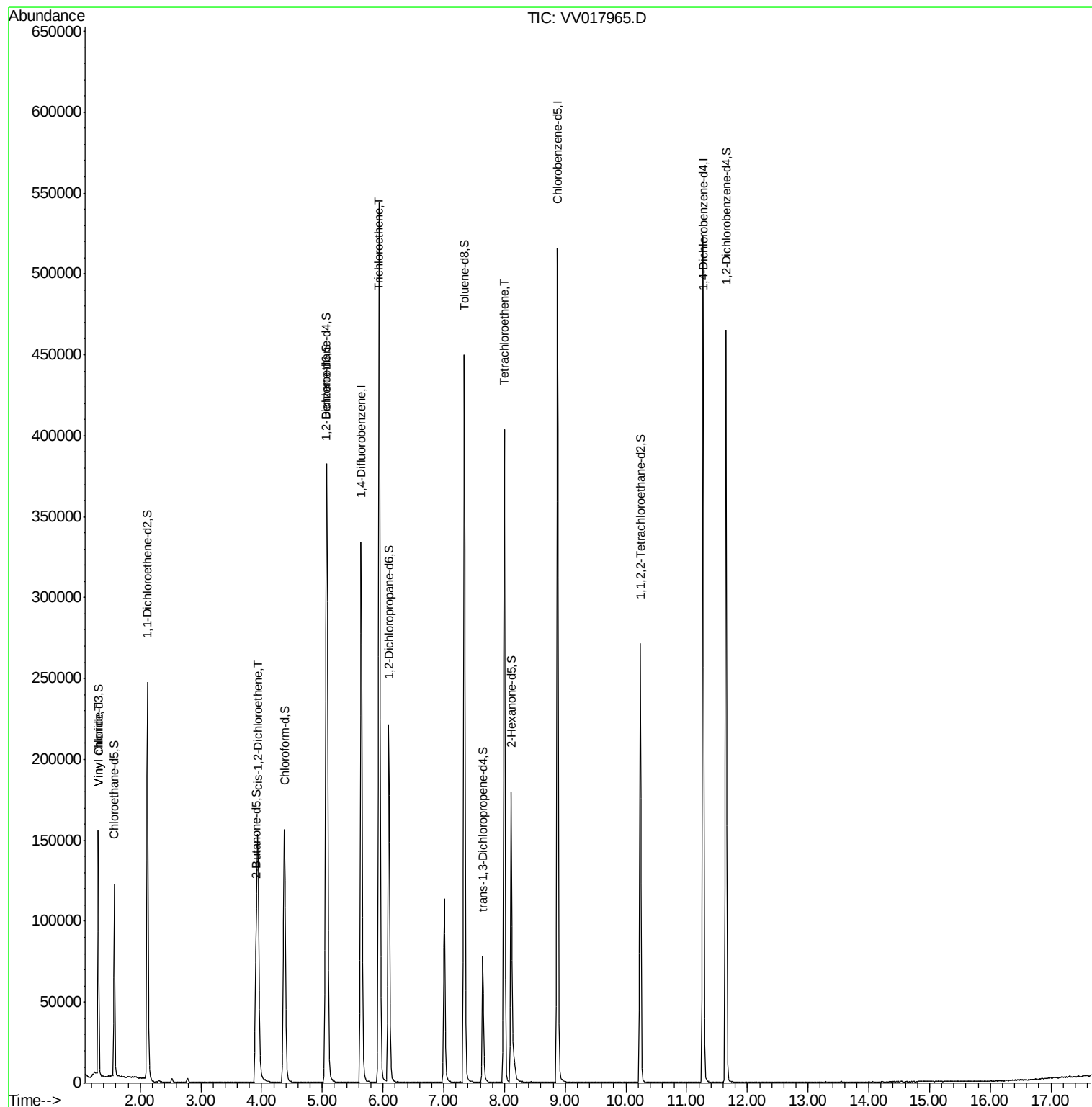
					Ovalue
5) Vinyl chloride	1.32	62	9419	3.834 ug/L	# 66
20) cis-1,2-Dichloroethene	3.94	96	73681	35.171 ug/L	99
34) Trichloroethene	5.94	95	189200	85.810 ug/L	99
46) Tetrachloroethene	8.00	164	90083	55.709 ug/L	98

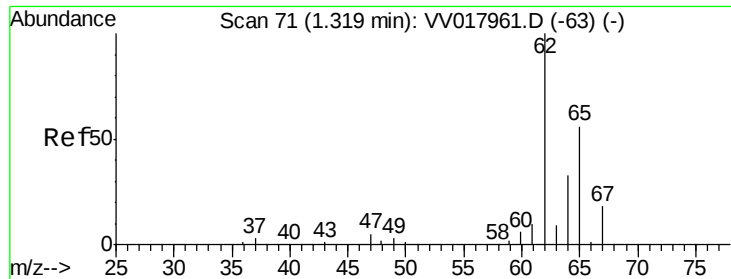
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.834 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017965.D

Acq: 13 Aug 2020 12:40

Instrument :

MSVOA_V

ClientSampled :

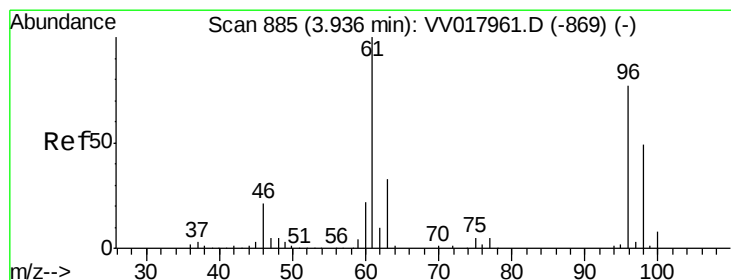
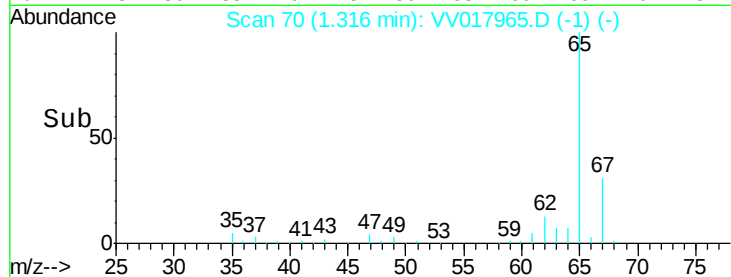
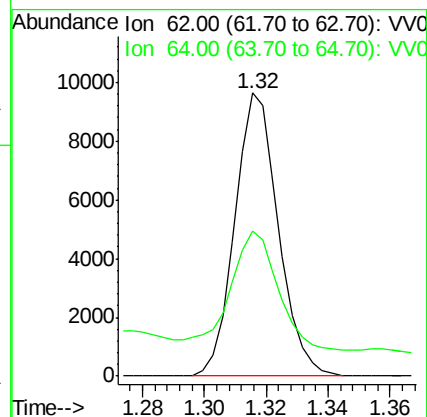
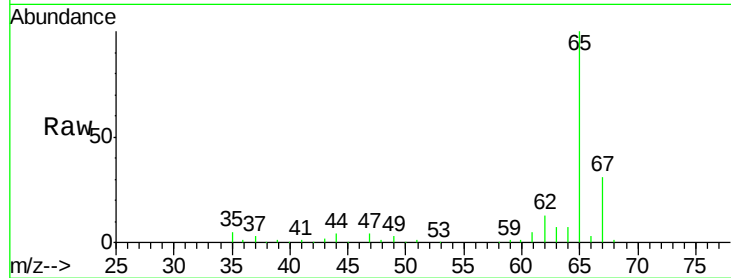
F2L60DL

Tot Ion: 62 Resp: 9419

Ion Ratio Lower Upper

62 100

64 51.1 22.4 41.6#



#20

cis-1,2-Dichloroethene

Concen: 35.171 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017965.D

Acq: 13 Aug 2020 12:40

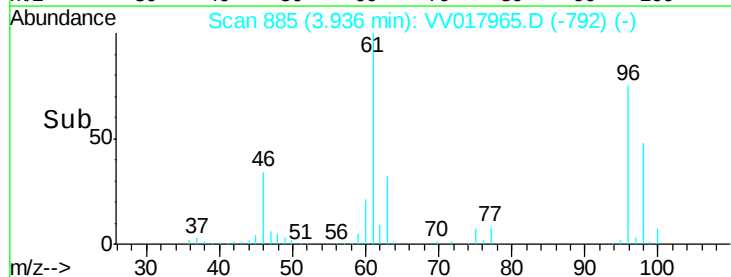
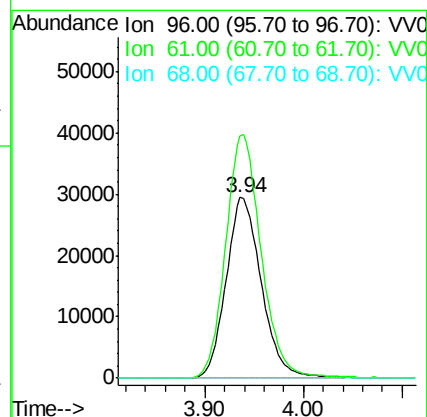
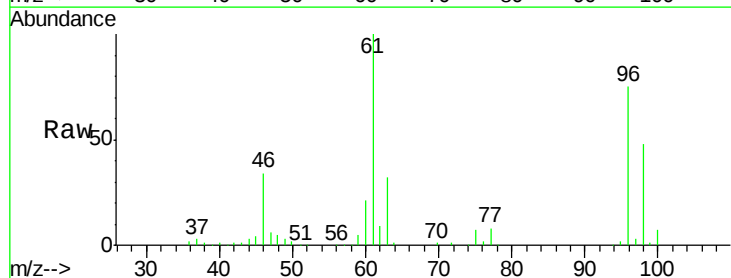
Tgt Ion: 96 Resp: 73681

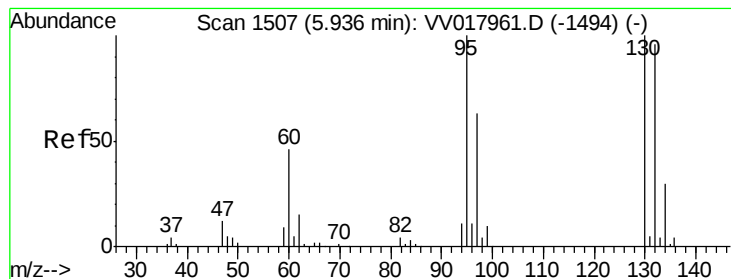
Ion Ratio Lower Upper

96 100

61 134.2 95.0 176.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 85.810 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017965.D

Acq: 13 Aug 2020 12:40

Instrument :

MSVOA_V

ClientSampleId :

F2L60DL

Tot Ion: 95 Resp: 189200

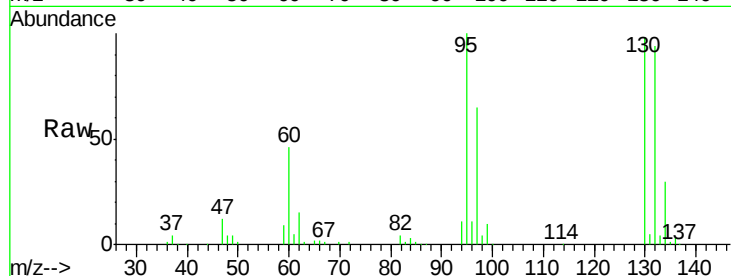
Ion Ratio Lower Upper

95 100

97 64.6 46.0 85.4

132 93.5 65.8 122.2

130 98.2 69.2 128.6



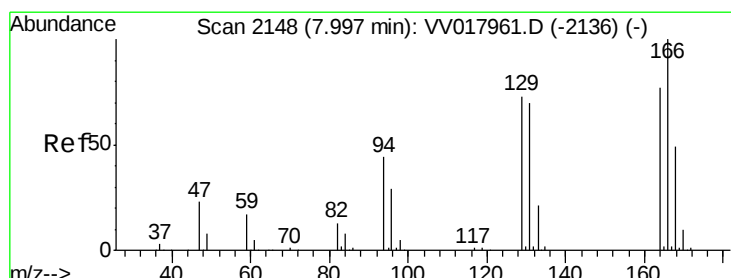
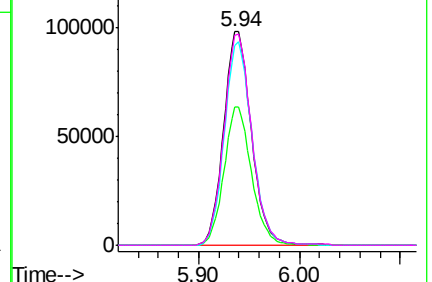
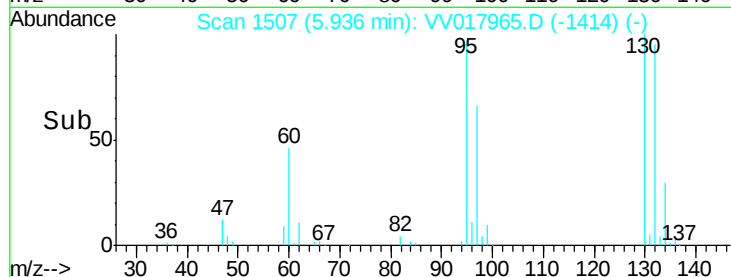
Abundance

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: 55.709 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017965.D

Acq: 13 Aug 2020 12:40

Tgt Ion: 164 Resp: 90083

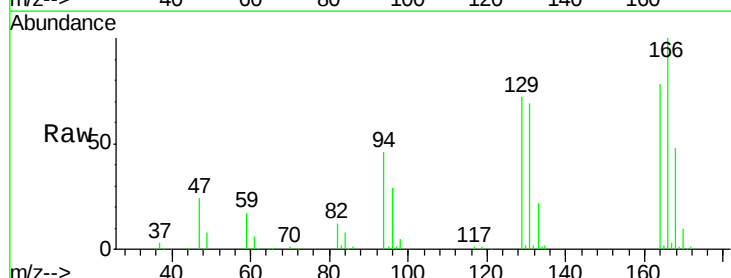
Ion Ratio Lower Upper

164 100

129 93.0 64.8 120.3

131 88.3 64.5 119.9

166 128.5 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

