

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017760.D
 Acq On : 30 Jul 2020 21:02
 Operator : SY/MD
 Sample : L3486-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y28

Quant Time: Jul 31 08:14:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316705	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	303434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147408	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68023	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.10%
7) Chloroethane-d5	1.58	69	60700	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.06%
11) 1,1-Dichloroethene-d2	2.12	63	124925	33.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.32%
21) 2-Butanone-d5	3.91	46	112112	96.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.54%
24) Chloroform-d	4.37	84	192262	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.10%
26) 1,2-Dichloroethane-d4	5.06	65	148849	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
32) Benzene-d6	5.07	84	341033	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.09	67	97711	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.56%
41) Toluene-d8	7.34	98	323730	45.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.98%
43) trans-1,3-Dichloropropene-	7.64	79	57889	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.36%
47) 2-Hexanone-d5	8.11	63	78858	92.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132407	44.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	146026	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%

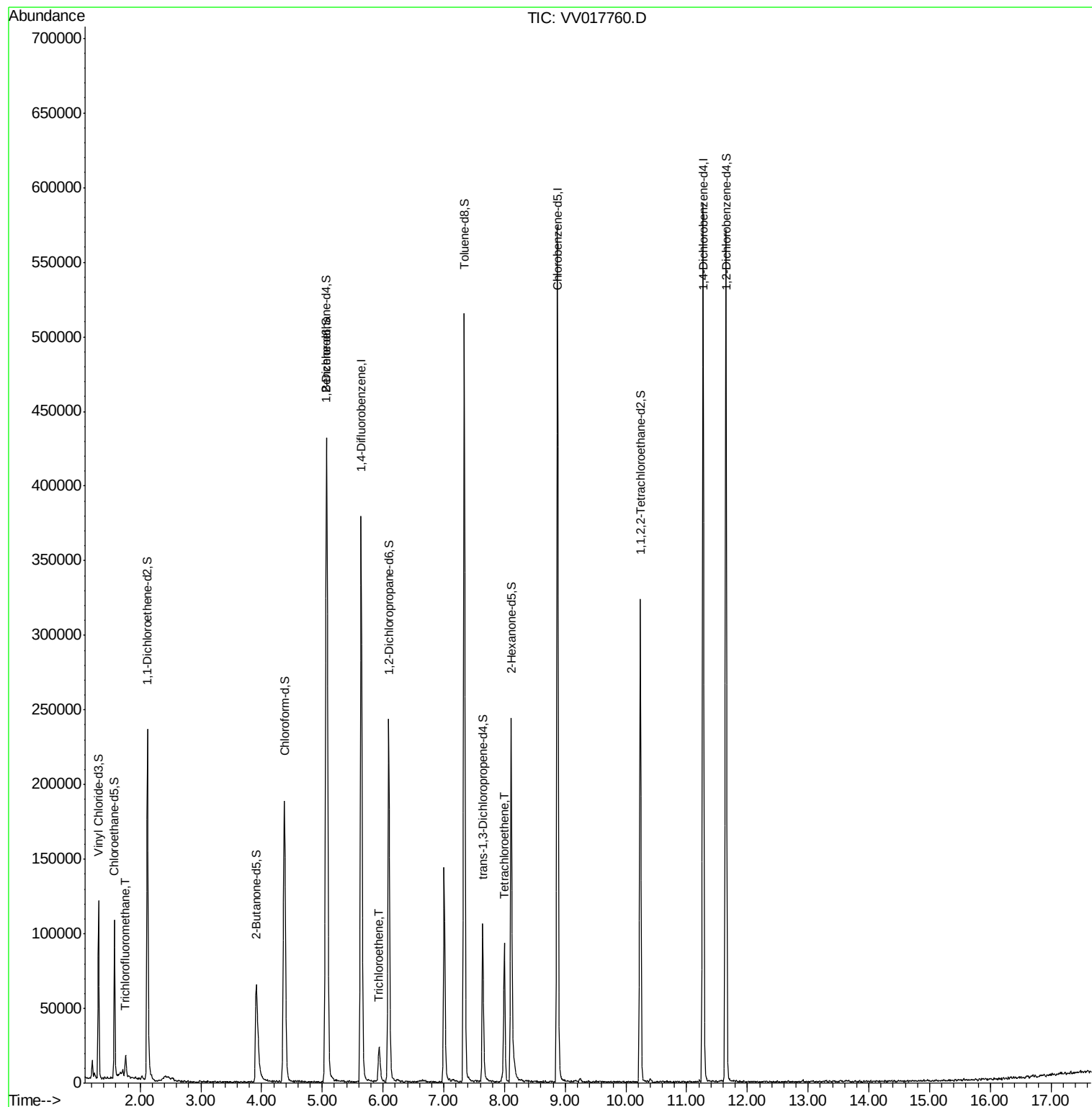
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.76	101	8409	1.906 ug/L	96
34) Trichloroethene	5.94	95	5576	2.384 ug/L	79
46) Tetrachloroethene	8.00	164	20743	10.009 ug/L	96

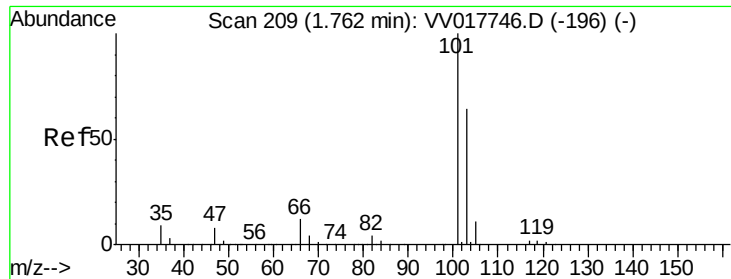
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.906 ug/L

RT: 1.76 min Scan# 208

Delta R.T. -0.00 min

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Instrument :

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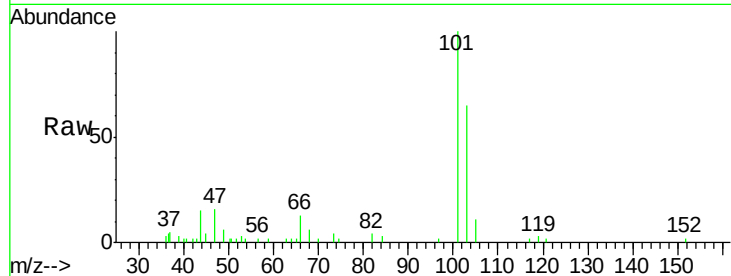
C0Y28

Tot Ion:101 Resp: 8409

Ion Ratio Lower Upper

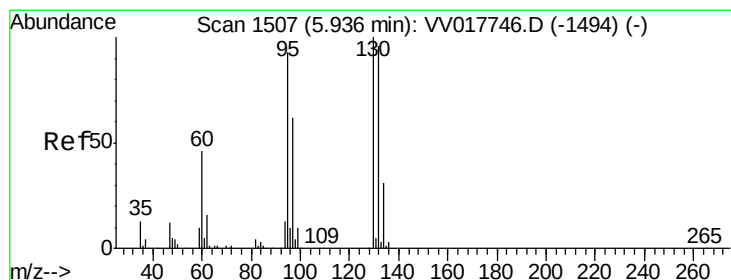
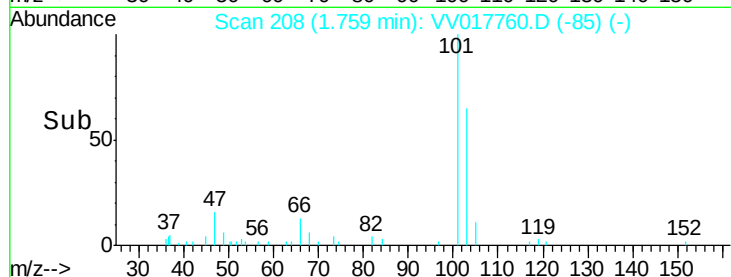
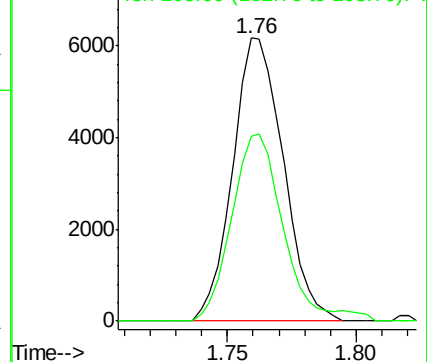
101 100

103 67.6 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 2.384 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017760.D

Acq: 30 Jul 2020 21:02

Tgt Ion: 95 Resp: 5576

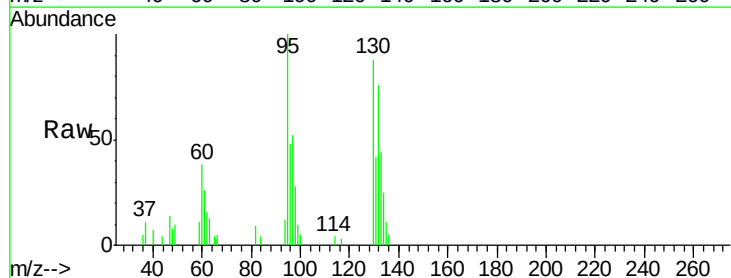
Ion Ratio Lower Upper

95 100

97 51.7 45.3 84.1

132 75.8 71.4 132.6

130 88.3 75.3 139.9

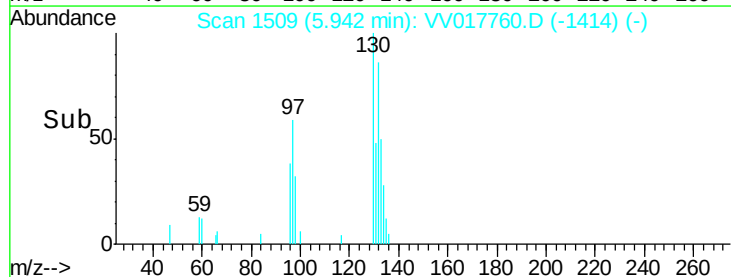
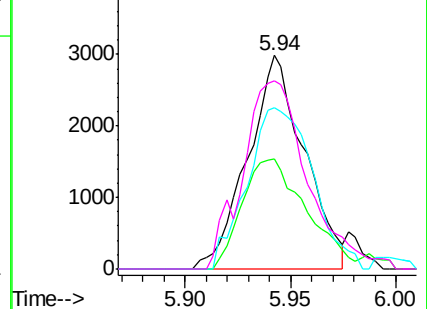


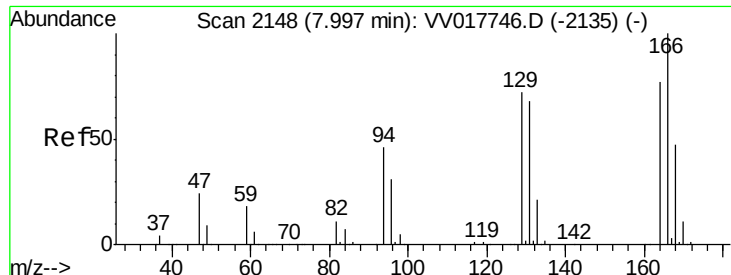
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 10.009 ug/L

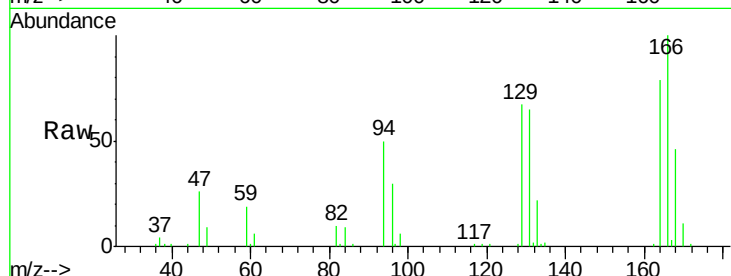
RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 20743

Ion Ratio Lower Upper

164 100

129 84.1 63.9 118.7

131 82.4 62.6 116.3

166 126.3 88.3 164.1

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

