

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007794.D
 Acq On : 23 Sep 2018 17:37
 Operator : SY/MD
 Sample : J5010-01
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T07

Quant Time: Sep 24 08:42:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	196323	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185498	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35694	33.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.90%
7) Chloroethane-d5	1.59	69	38914	40.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.26%
11) 1,1-Dichloroethene-d2	2.14	63	74306	29.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.08%#
21) 2-Butanone-d5	3.95	46	57699	81.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.88%
24) Chloroform-d	4.41	84	91838	40.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.09	65	63825	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.60%
32) Benzene-d6	5.11	84	186469	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
36) 1,2-Dichloropropane-d6	6.13	67	56301	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.42%
41) Toluene-d8	7.36	98	192305	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%
43) trans-1,3-Dichloropropene-	7.67	79	24996	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.74%
47) 2-Hexanone-d5	8.14	63	45614	82.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83563	42.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	92078	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%

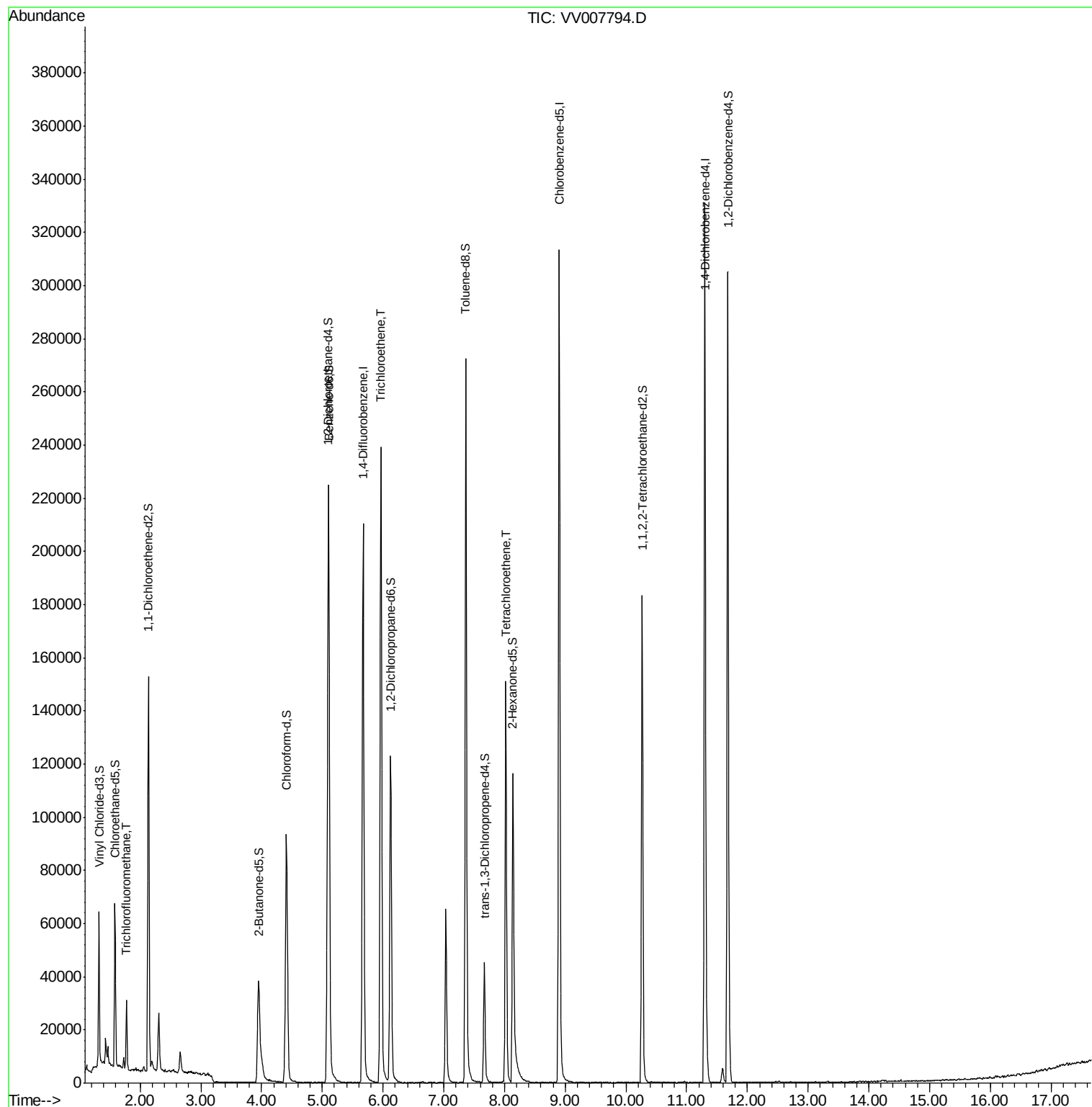
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.78	101	14489	5.537	ug/L 100
34) Trichloroethene	5.96	95	78362	59.632	ug/L 99
46) Tetrachloroethene	8.02	164	35164	26.146	ug/L 97

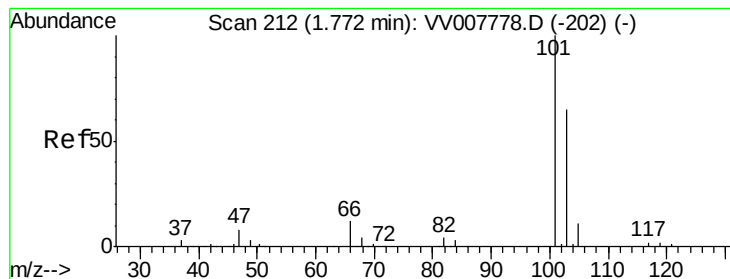
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 5.537 ug/L

RT: 1.78 min Scan# 213

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

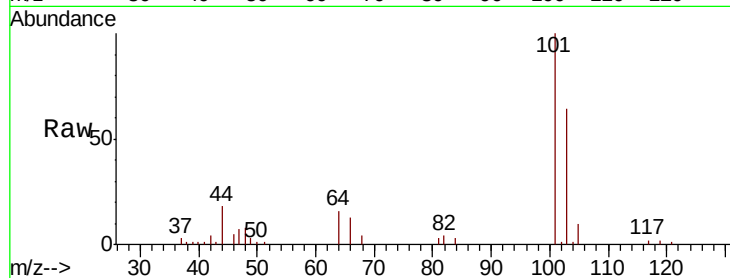
C0T07

Tot Ion:101 Resp: 14489

Ion Ratio Lower Upper

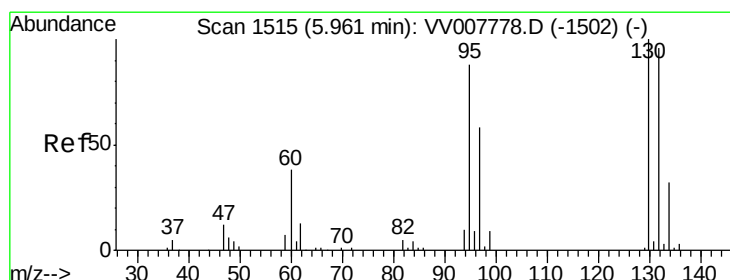
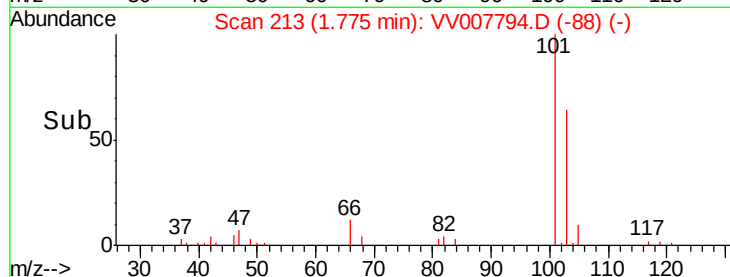
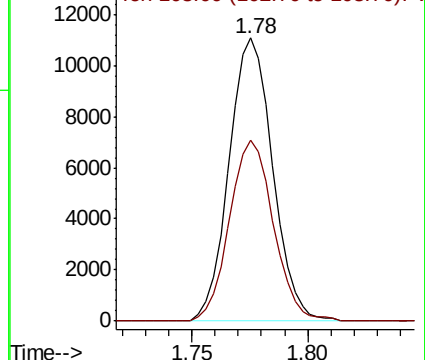
101 100

103 64.2 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 59.632 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 78362

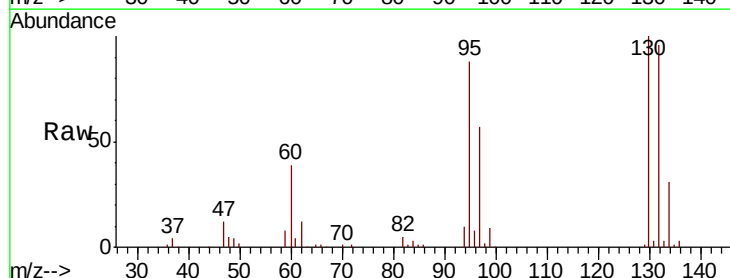
Ion Ratio Lower Upper

95 100

97 65.3 45.2 84.0

132 109.2 77.7 144.3

130 113.9 79.7 148.1

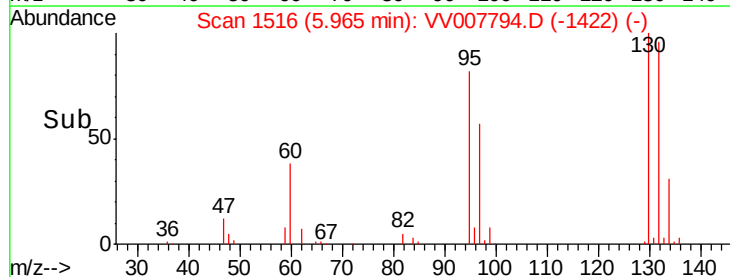
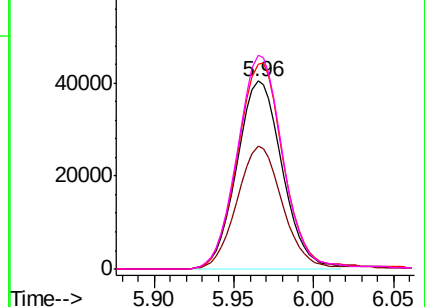


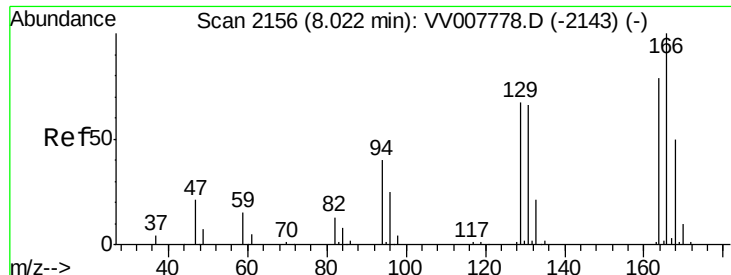
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 26.146 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007794.D

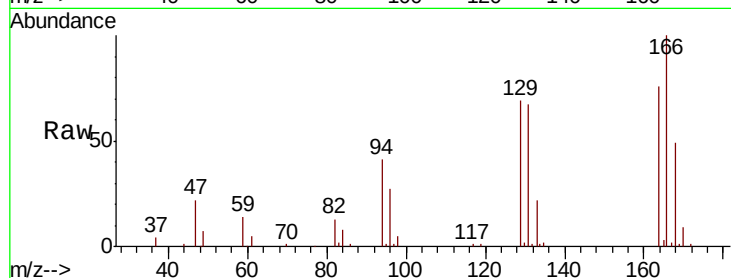
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Tot Ion:164 Resp: 35164

Ion Ratio Lower Upper

164 100

129 90.0 61.0 113.4

131 88.1 57.8 107.4

166 130.9 89.9 167.0

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

