

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012347.D
 Acq On : 22 Aug 2019 15:04
 Operator : SY/MD
 Sample : K4481-05
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XM3

Quant Time: Aug 23 07:20:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 06:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	187752	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	180973	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81540	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34774	39.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.24%
7) Chloroethane-d5	1.58	69	26830	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	57676	32.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.92%
21) 2-Butanone-d5	3.92	46	59025	85.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.19%
24) Chloroform-d	4.40	84	119549	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	5.08	65	90832	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
32) Benzene-d6	5.10	84	223620	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
36) 1,2-Dichloropropane-d6	6.12	67	61236	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.84%
41) Toluene-d8	7.36	98	221354	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%
43) trans-1,3-Dichloropropene-	7.66	79	36586	45.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.04%
47) 2-Hexanone-d5	8.13	63	43078	79.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	82942	44.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.24%
64) 1,2-Dichlorobenzene-d4	11.67	152	93693	52.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.54%

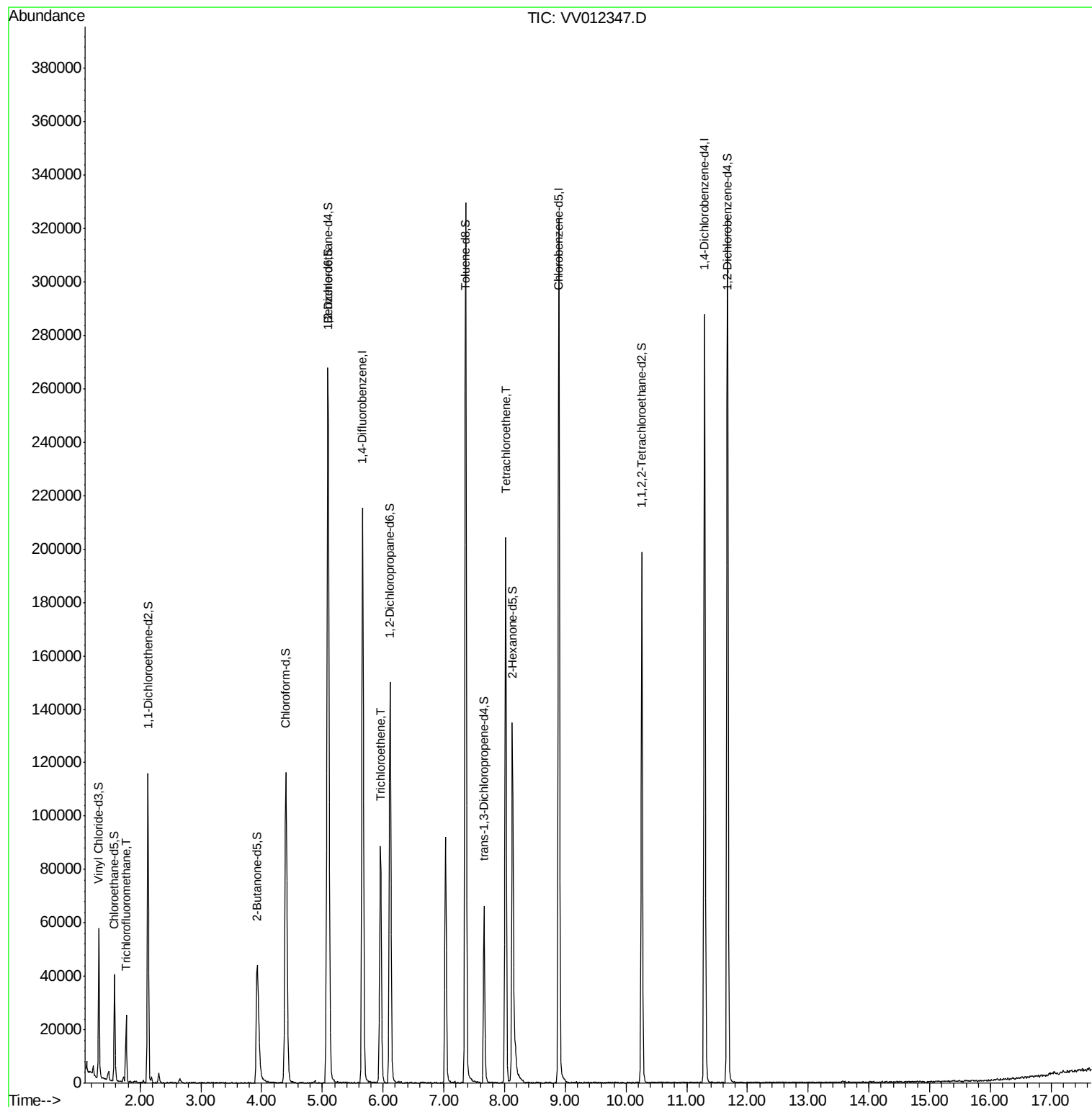
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.77	101	13983	7.665 ug/L	95
34) Trichloroethene	5.96	95	27090	20.276 ug/L	97
46) Tetrachloroethene	8.02	164	47709	37.316 ug/L	98

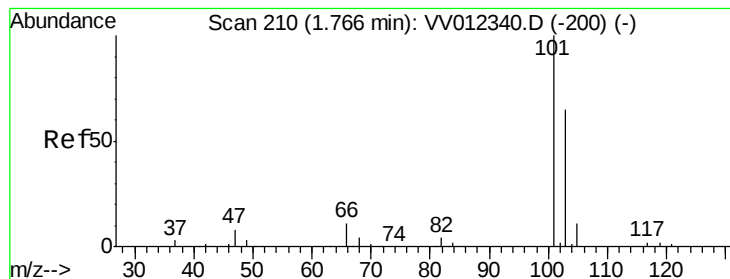
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 7.665 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

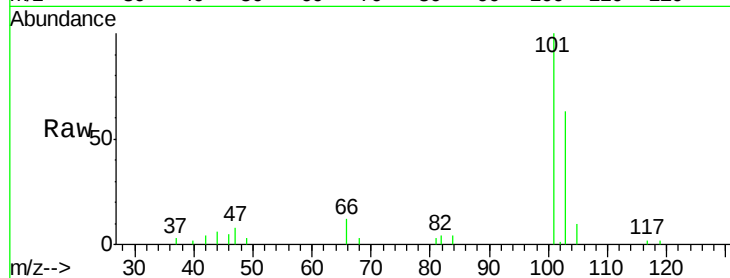
C0XM3

Tot Ion:101 Resp: 13983

Ion Ratio Lower Upper

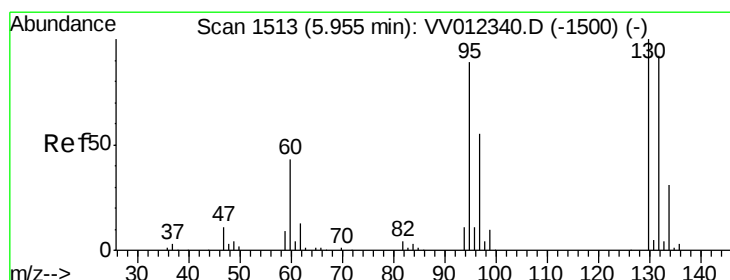
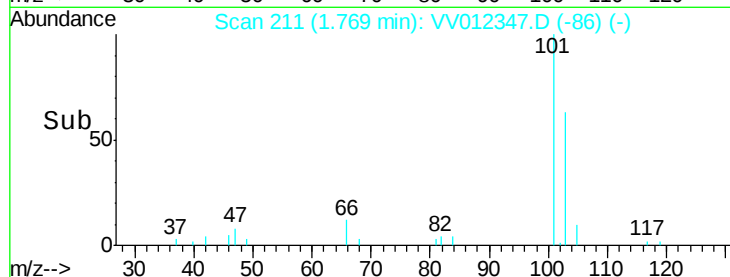
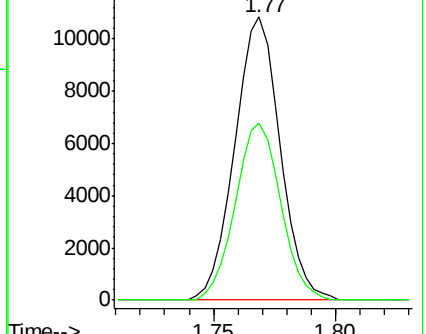
101 100

103 62.4 53.2 79.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 20.276 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012347.D

Acq: 22 Aug 2019 15:04

Tgt Ion: 95 Resp: 27090

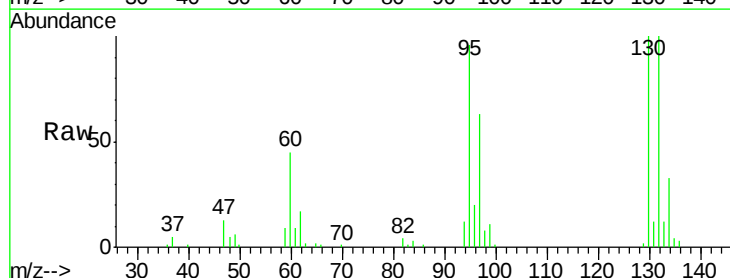
Ion Ratio Lower Upper

95 100

97 65.5 43.6 81.0

132 104.6 73.9 137.3

130 104.4 76.6 142.2

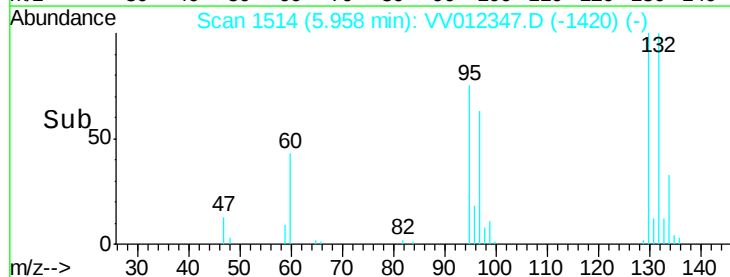
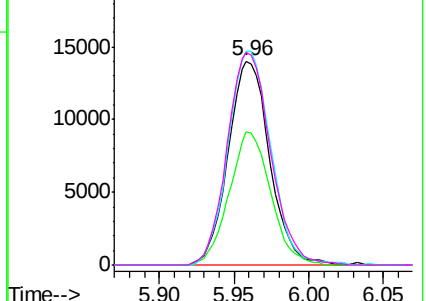


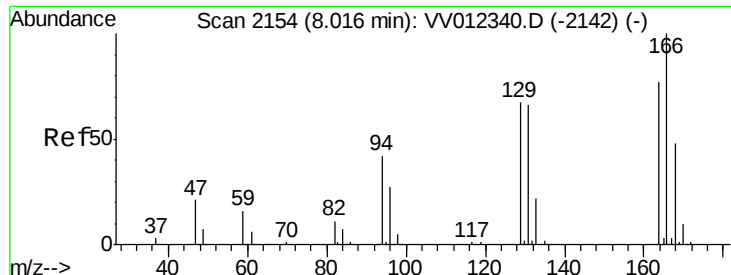
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 37.316 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012347.D

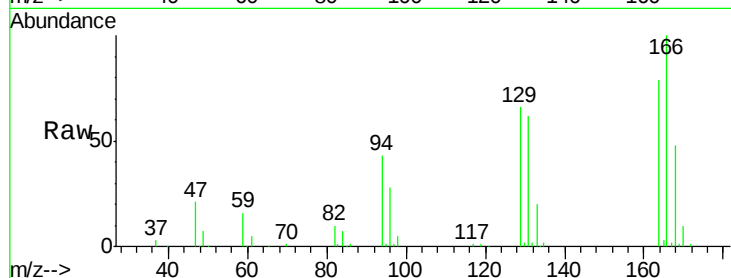
Acq: 22 Aug 2019 15:04

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Tot Ion:164 Resp: 47709

Ion Ratio Lower Upper

164 100

129 83.1 61.5 114.3

131 78.5 56.6 105.0

166 126.1 88.2 163.8

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

