

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031601.D
 Acq On : 29 Apr 2019 21:44
 Operator : JC/SP
 Sample : K2592-04 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0WZ5

Quant Time: Apr 30 05:00:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	648586	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	630168	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228657	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	346779	63.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.76%
7) Chloroethane-d5	1.68	69	246108	58.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.34%
11) 1,1-Dichloroethene-d2	2.27	63	479487	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
21) 2-Butanone-d5	4.18	46	549593	111.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.75%
24) Chloroform-d	4.64	84	521945	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.30	65	350608	53.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.96%
32) Benzene-d6	5.34	84	1040347	53.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.52%
36) 1,2-Dichloropropane-d6	6.32	67	362189	53.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.40%
41) Toluene-d8	7.56	98	832001	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%
43) trans-1,3-Dichloropropene-	7.85	79	145990	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.90%
47) 2-Hexanone-d5	8.31	63	303421	102.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	447320	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	252184	52.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.88%

Target Compounds

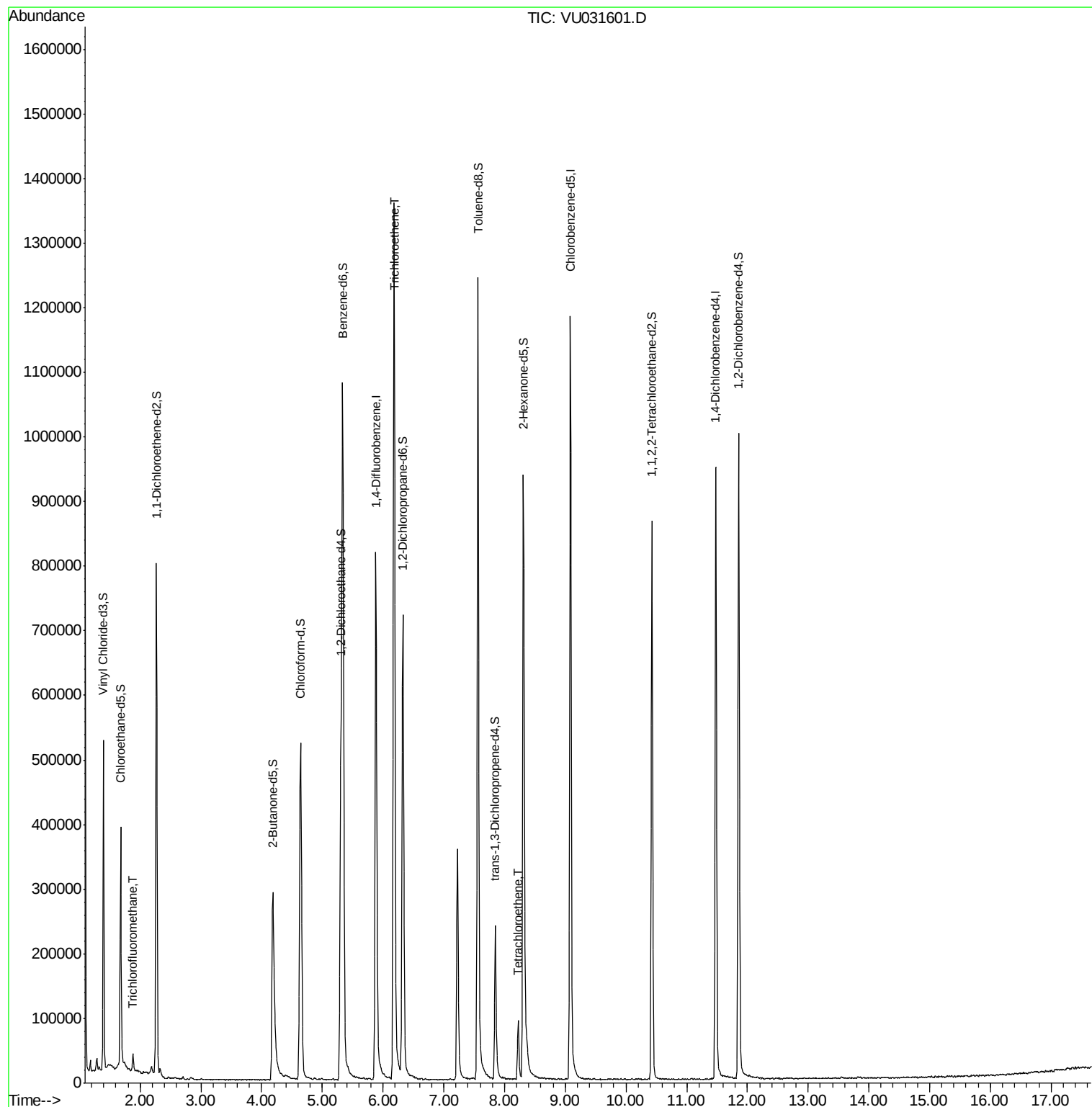
					Ovalue
9) Trichlorofluoromethane	1.88	101	8760	0.952 ug/L	93
34) Trichloroethene	6.18	95	512673	91.285 ug/L	95
46) Tetrachloroethene	8.22	164	19990	5.221 ug/L	97

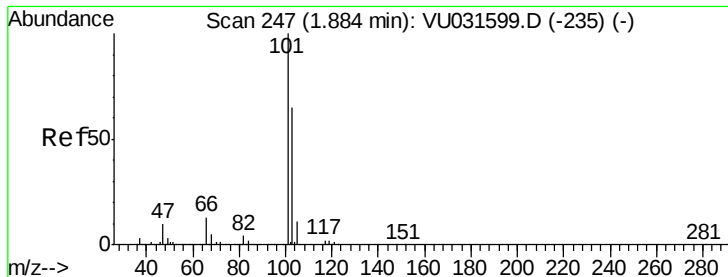
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.952 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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Acq: 29 Apr 2019 21:44

Instrument :

MSVOA_U

ClientSampleId :

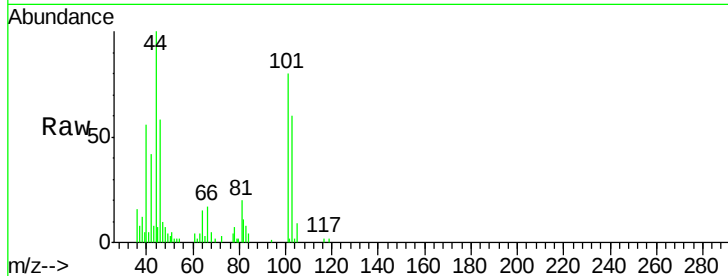
C0WZ5

Tot Ion:101 Resp: 8760

Ion Ratio Lower Upper

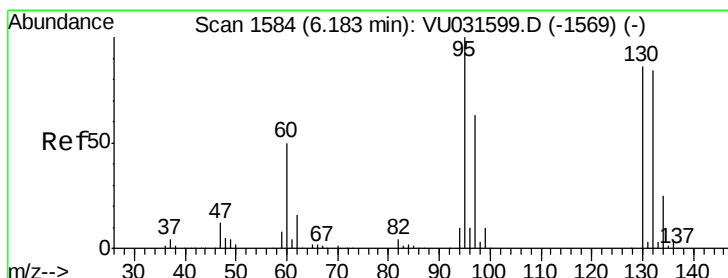
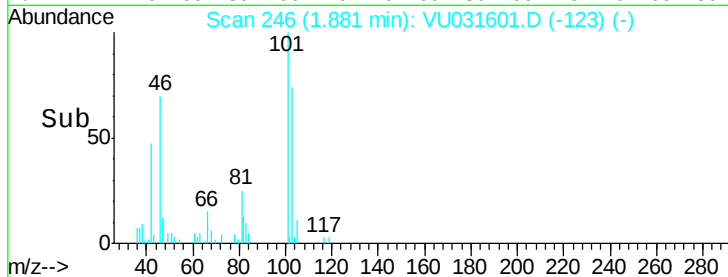
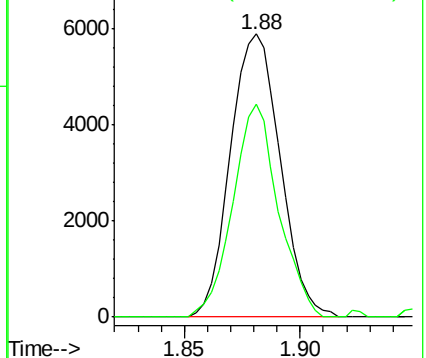
101 100

103 69.0 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 91.285 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 512673

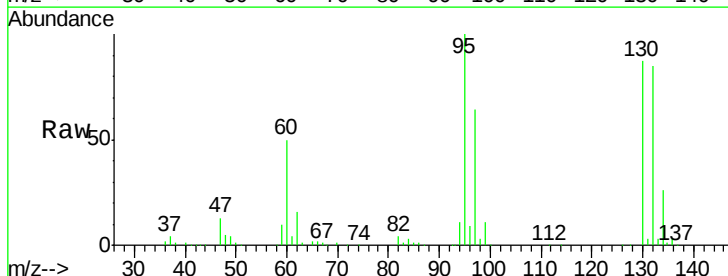
Ion Ratio Lower Upper

95 100

97 64.1 44.8 83.2

132 85.1 63.1 117.1

130 87.1 66.5 123.5

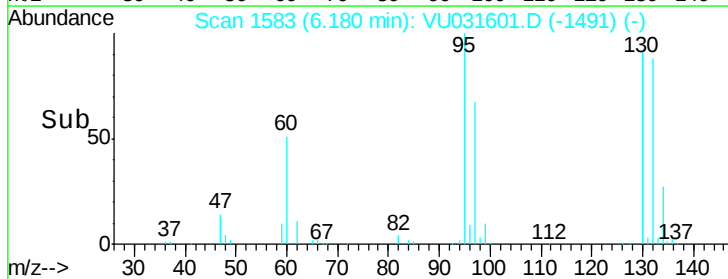
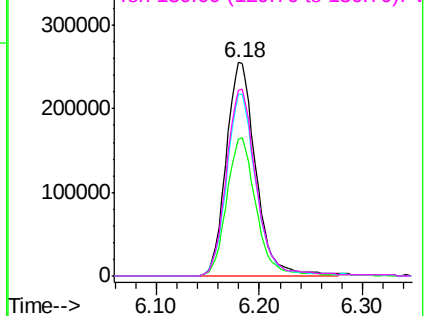


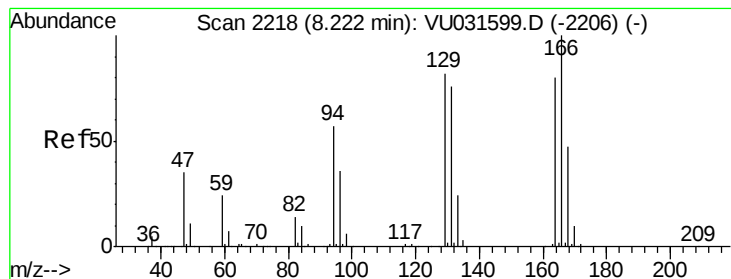
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): VU0

Ion 130.00 (129.70 to 130.70): VU0





#46

Tetrachloroethene

Concen: 5.221 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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C0WZ5

Tot Ion:164 Resp: 19990

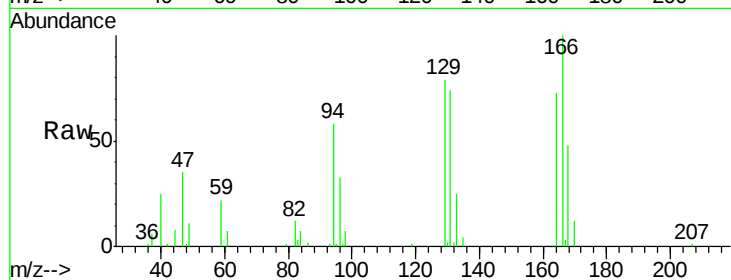
Ion Ratio Lower Upper

164 100

129 107.8 71.5 132.9

131 100.8 69.0 128.2

166 136.3 93.7 173.9



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

