

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031604.D
 Acq On : 29 Apr 2019 22:54
 Operator : JC/SP
 Sample : K2592-08 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ9

Quant Time: Apr 30 05:07:19 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	669913	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	638626	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231991	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	347758	62.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.06%
7) Chloroethane-d5	1.68	69	235651	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.78%
11) 1,1-Dichloroethene-d2	2.26	63	481158	43.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.18%
21) 2-Butanone-d5	4.19	46	559560	110.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.15%
24) Chloroform-d	4.64	84	524181	51.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.10%
26) 1,2-Dichloroethane-d4	5.30	65	360904	53.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.60%
32) Benzene-d6	5.33	84	1037201	52.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.78%
36) 1,2-Dichloropropane-d6	6.32	67	370750	53.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.48%
41) Toluene-d8	7.56	98	844074	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	7.85	79	145930	49.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.54%
47) 2-Hexanone-d5	8.32	63	315002	105.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	471755	50.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	254244	52.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.22%

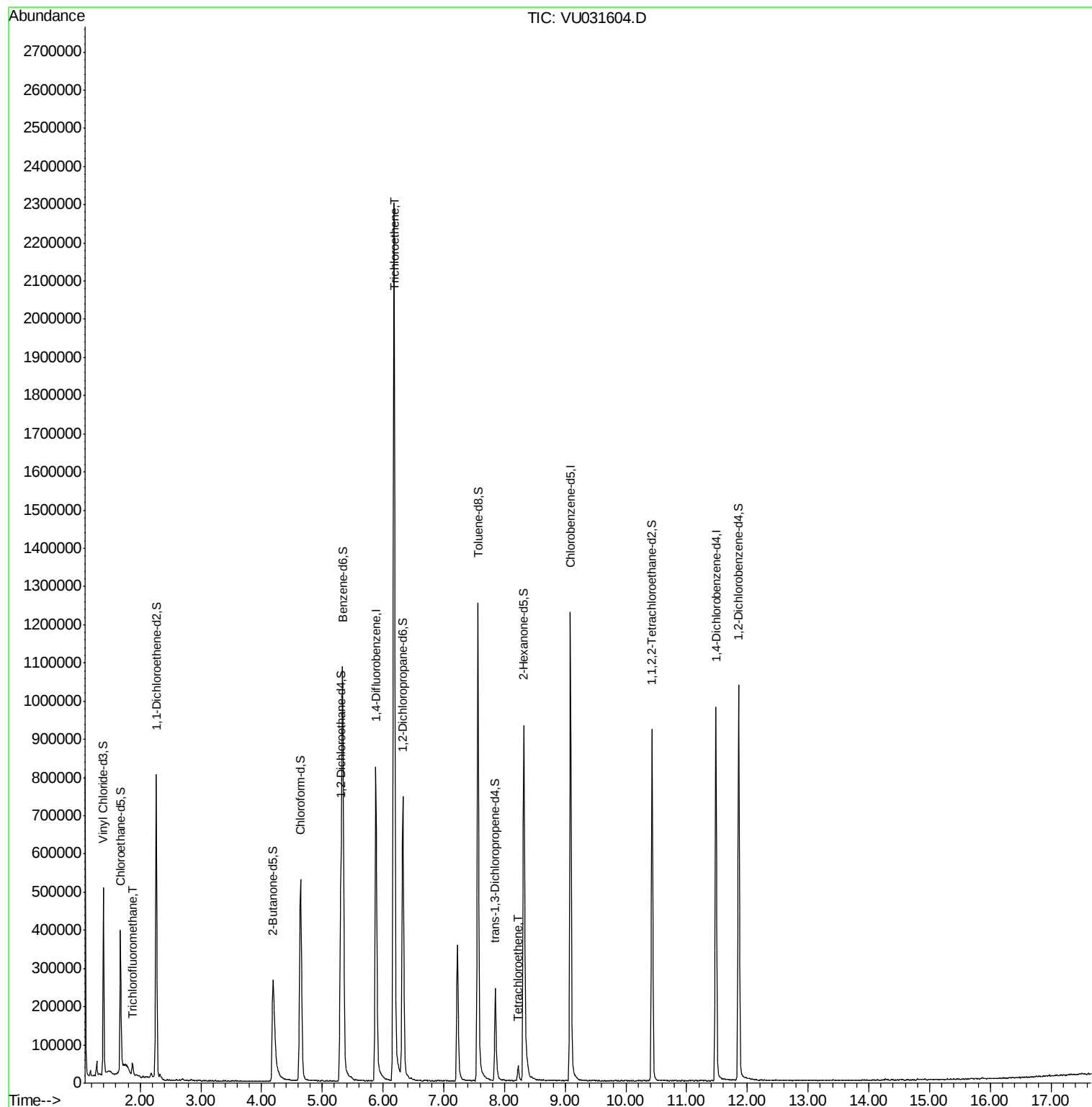
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.87	101	12820	1.350 ug/L	96
34) Trichloroethene	6.18	95	844807	148.432 ug/L	95
46) Tetrachloroethene	8.22	164	8073	2.081 ug/L	96

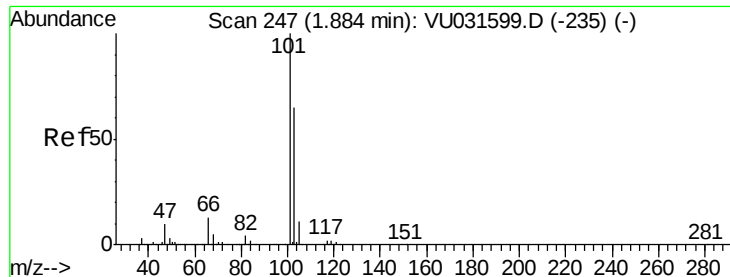
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.350 ug/L

RT: 1.87 min Scan# 244

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

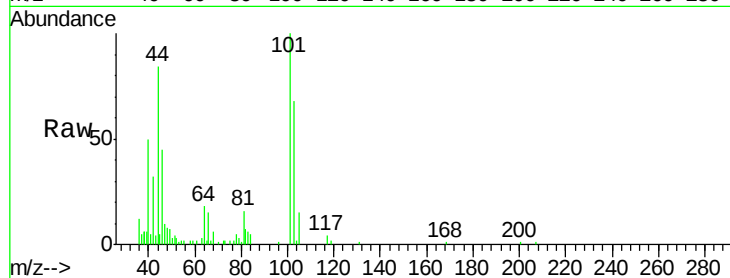
COWZ9

Tot Ion:101 Resp: 12820

Ion Ratio Lower Upper

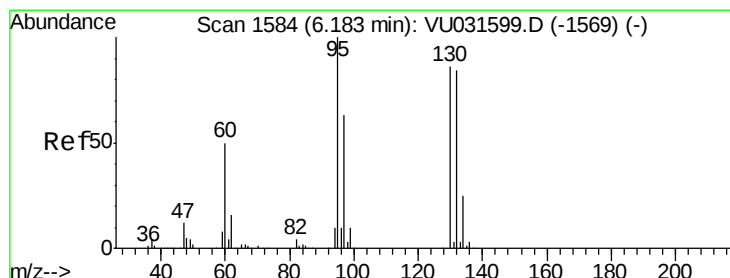
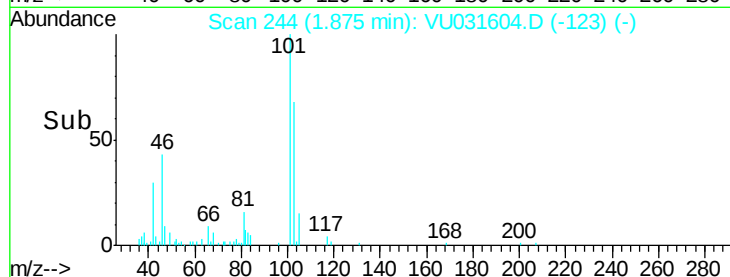
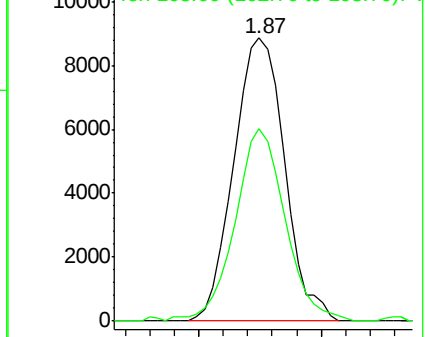
101 100

103 66.3 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: 148.432 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 844807

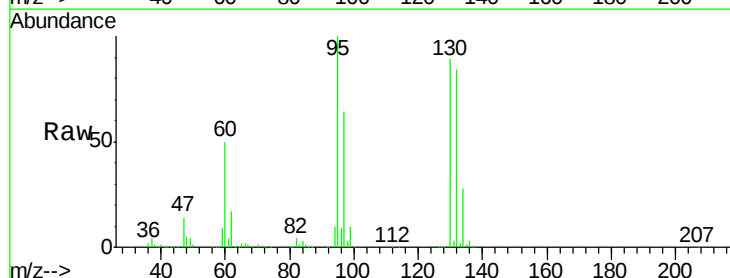
Ion Ratio Lower Upper

95 100

97 63.9 44.8 83.2

132 83.6 63.1 117.1

130 89.2 66.5 123.5

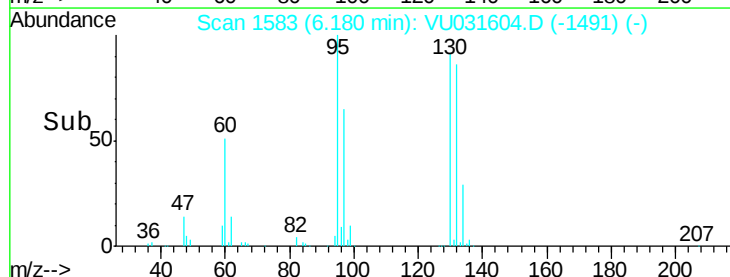
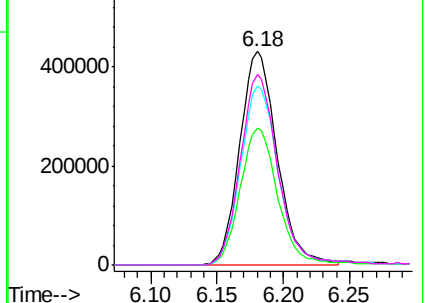


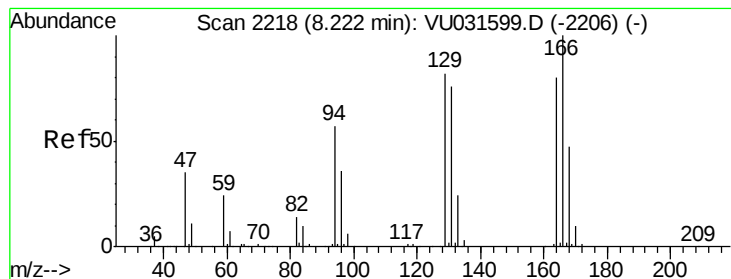
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 2.081 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031604.D

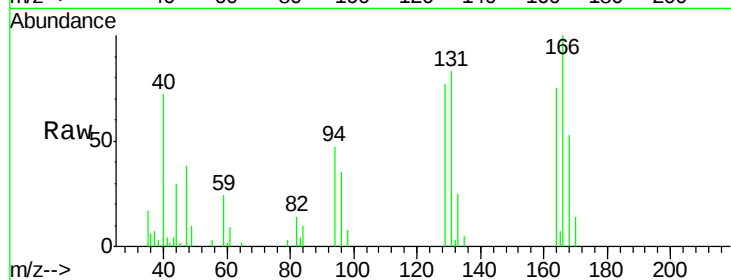
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Tot Ion:164 Resp: 8073

Ion Ratio Lower Upper

164 100

129 101.9 71.5 132.9

131 110.2 69.0 128.2

166 132.5 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

