

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031588.D
 Acq On : 29 Apr 2019 15:55
 Operator : JC/SP
 Sample : K2590-13DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB9DL

Quant Time: Apr 30 04:01:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	670148	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	667551	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	247331	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	297290	53.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.02%
7) Chloroethane-d5	1.68	69	236419	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.10%
11) 1,1-Dichloroethene-d2	2.27	63	448958	40.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.40%
21) 2-Butanone-d5	4.18	46	587852	115.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.68%
24) Chloroform-d	4.64	84	543803	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.88%
26) 1,2-Dichloroethane-d4	5.31	65	374436	55.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.60%
32) Benzene-d6	5.34	84	1053828	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.33	67	384645	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.66%
41) Toluene-d8	7.56	98	873698	48.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.88%
43) trans-1,3-Dichloropropene-	7.85	79	145323	46.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.88%
47) 2-Hexanone-d5	8.31	63	337287	108.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	492816	50.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	278743	53.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.18%

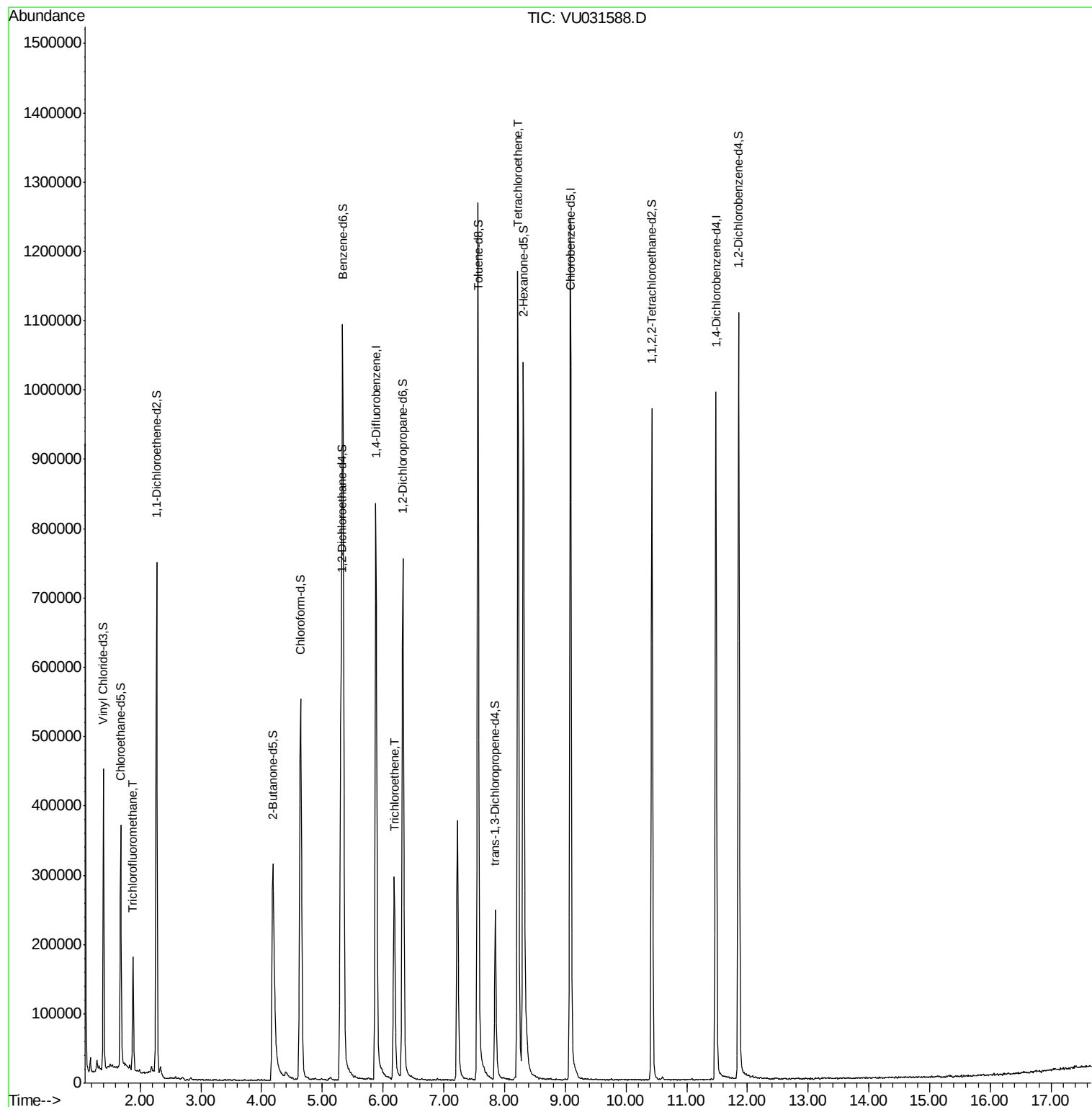
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	93658	9.856 ug/L	98
34) Trichloroethene	6.18	95	108789	18.286 ug/L	95
46) Tetrachloroethene	8.22	164	255994	63.117 ug/L	99

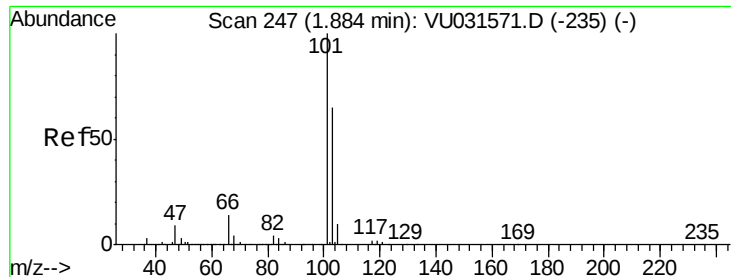
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 9.856 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

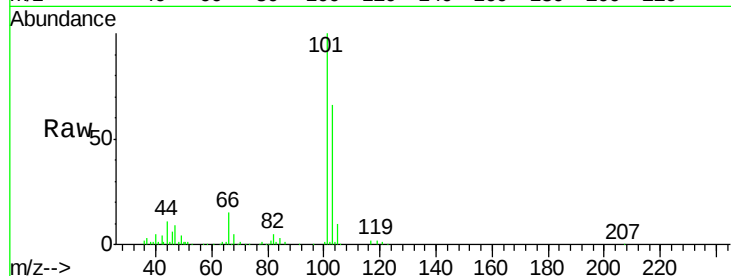
C0XB9DL

Tot Ion:101 Resp: 93658

Ion Ratio Lower Upper

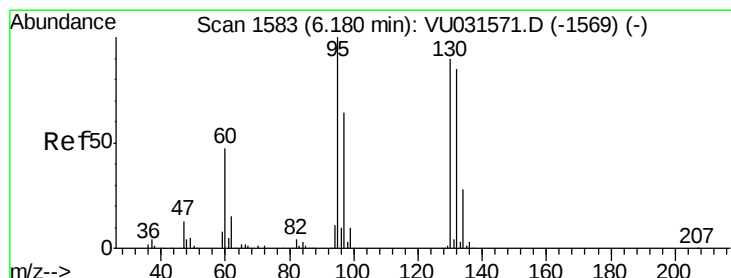
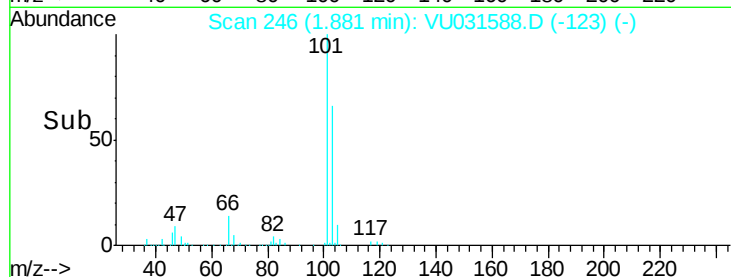
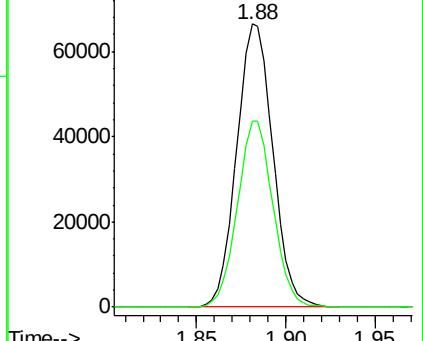
101 100

103 64.7 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: 18.286 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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Acq: 29 Apr 2019 15:55

Tgt Ion: 95 Resp: 108789

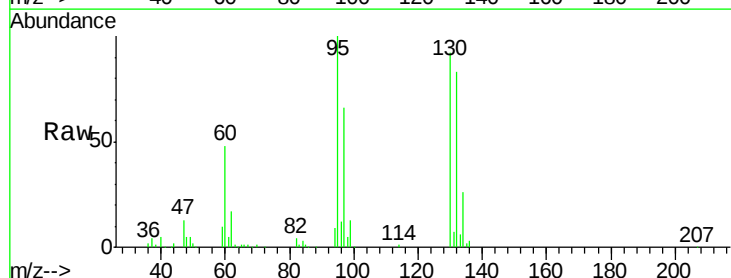
Ion Ratio Lower Upper

95 100

97 65.9 44.8 83.2

132 83.3 63.1 117.1

130 91.6 66.5 123.5

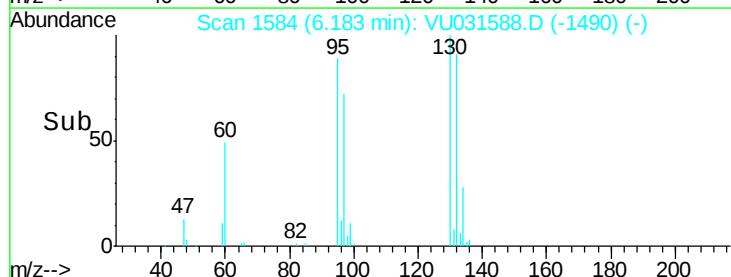
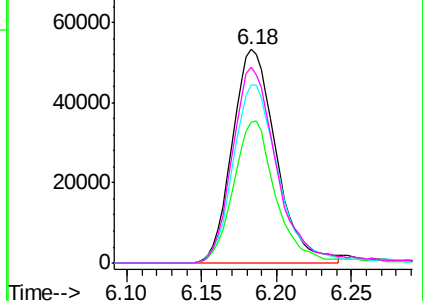


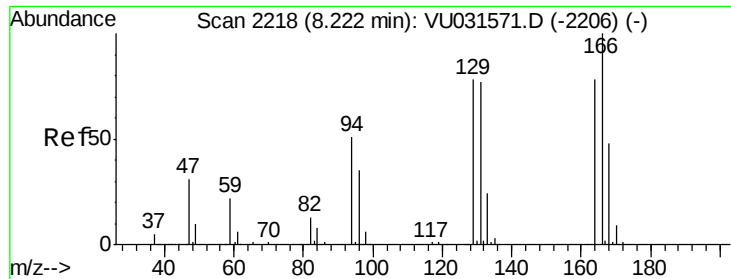
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 63.117 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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C0XB9DL

Tot Ion:164 Resp: 255994

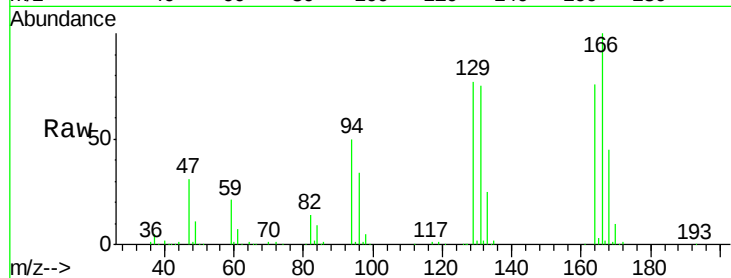
Ion Ratio Lower Upper

164 100

129 101.1 71.5 132.9

131 98.3 69.0 128.2

166 131.1 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

