

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031613.D
 Acq On : 30 Apr 2019 02:23
 Operator : JC/SP
 Sample : K2592-13DL 1000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X76DL

Quant Time: Apr 30 05:32:22 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	599199	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	589798	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	216641	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	328746	65.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.10%
7) Chloroethane-d5	1.68	69	241574	62.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.68%
11) 1,1-Dichloroethene-d2	2.27	63	453360	45.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.80%
21) 2-Butanone-d5	4.19	46	524248	115.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.38%
24) Chloroform-d	4.64	84	498401	54.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.54%
26) 1,2-Dichloroethane-d4	5.31	65	347663	57.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.88%
32) Benzene-d6	5.34	84	979321	54.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.14%
36) 1,2-Dichloropropane-d6	6.32	67	347183	54.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.98%
41) Toluene-d8	7.56	98	793368	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloropropene-	7.85	79	130614	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.31	63	282587	102.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	431074	50.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	238305	52.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.62%

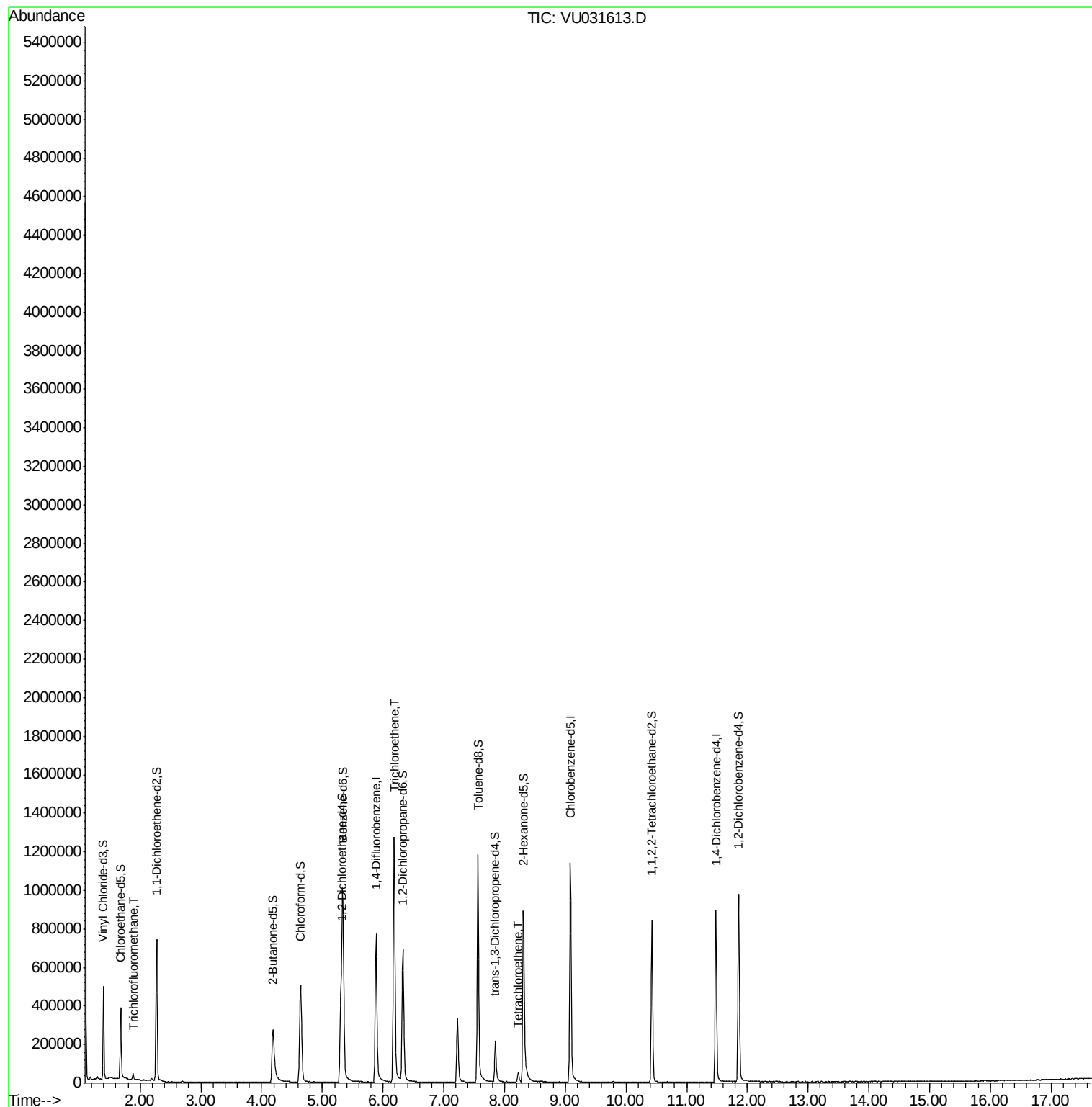
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	10887	1.281 ug/L	97
34) Trichloroethene	6.18	95	479689	91.258 ug/L	98
46) Tetrachloroethene	8.22	164	11861	3.310 ug/L	92

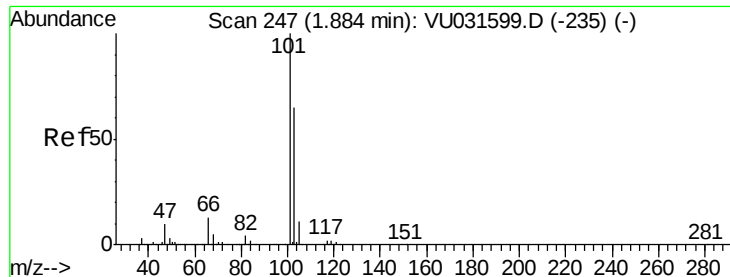
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.281 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

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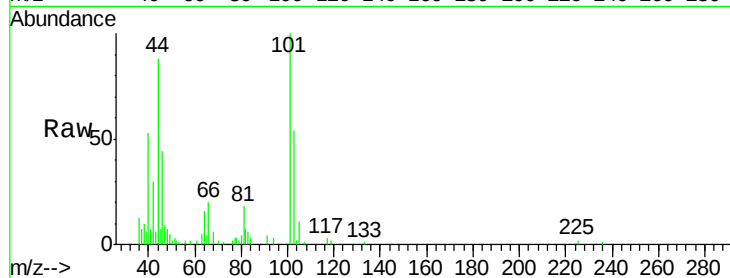
C0X76DL

Tot Ion:101 Resp: 10887

Ion Ratio Lower Upper

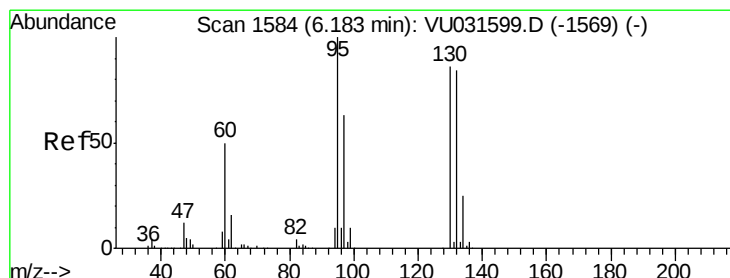
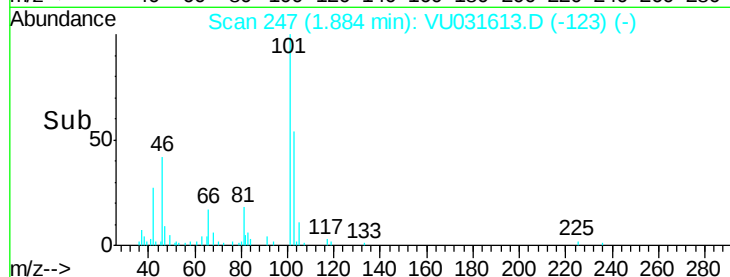
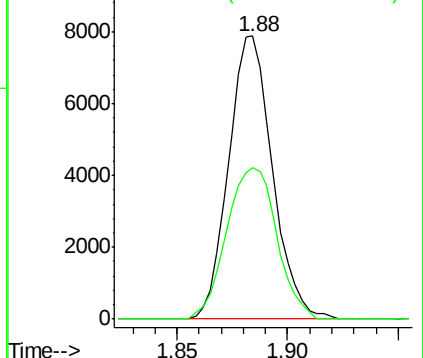
101 100

103 61.2 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: 91.258 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 479689

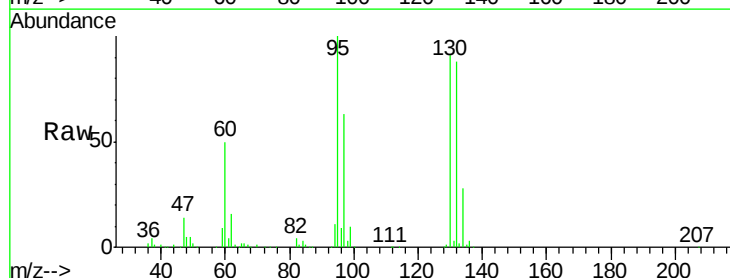
Ion Ratio Lower Upper

95 100

97 63.4 44.8 83.2

132 88.0 63.1 117.1

130 91.4 66.5 123.5

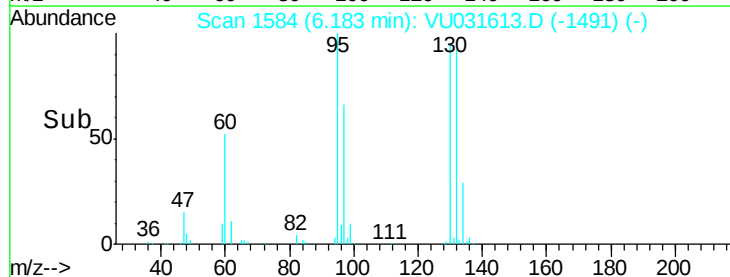
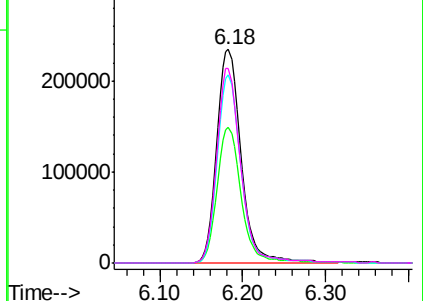


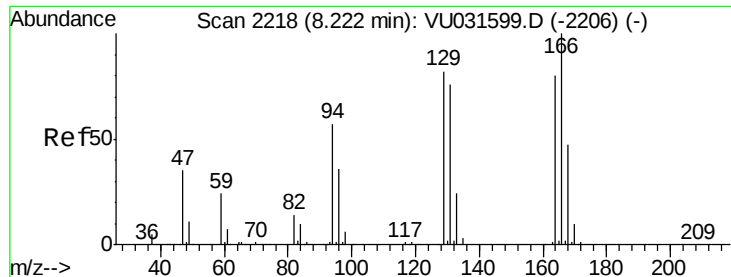
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 3.310 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

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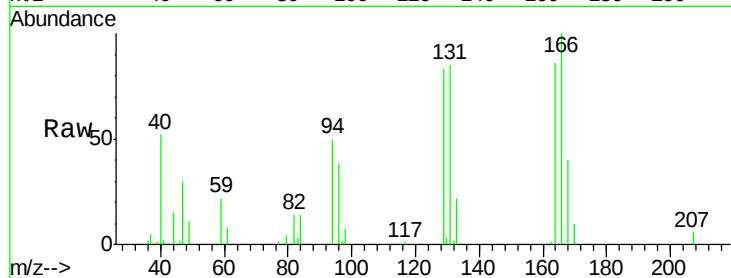
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Tot Ion:164 Resp: 11861

Ion Ratio Lower Upper

164 100

129 96.7 71.5 132.9

131 98.5 69.0 128.2

166 116.4 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

