

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031454.D
 Acq On : 23 Apr 2019 22:12
 Operator : JC/SP
 Sample : K2536-02 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X22

Quant Time: Apr 24 09:02:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 08:41:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	690835	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	661871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	272577	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	208628	37.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.54%
7) Chloroethane-d5	1.68	69	177657	41.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.36%
11) 1,1-Dichloroethene-d2	2.27	63	310793	31.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.84%
21) 2-Butanone-d5	4.19	46	438002	104.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.66%
24) Chloroform-d	4.64	84	399120	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	5.31	65	237337	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
32) Benzene-d6	5.34	84	783958	41.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.33	67	270724	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.00%
41) Toluene-d8	7.56	98	736312	43.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.22%
43) trans-1,3-Dichloropropene-	7.85	79	122483	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
47) 2-Hexanone-d5	8.31	63	319752	103.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	404614	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	259894	46.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.28%

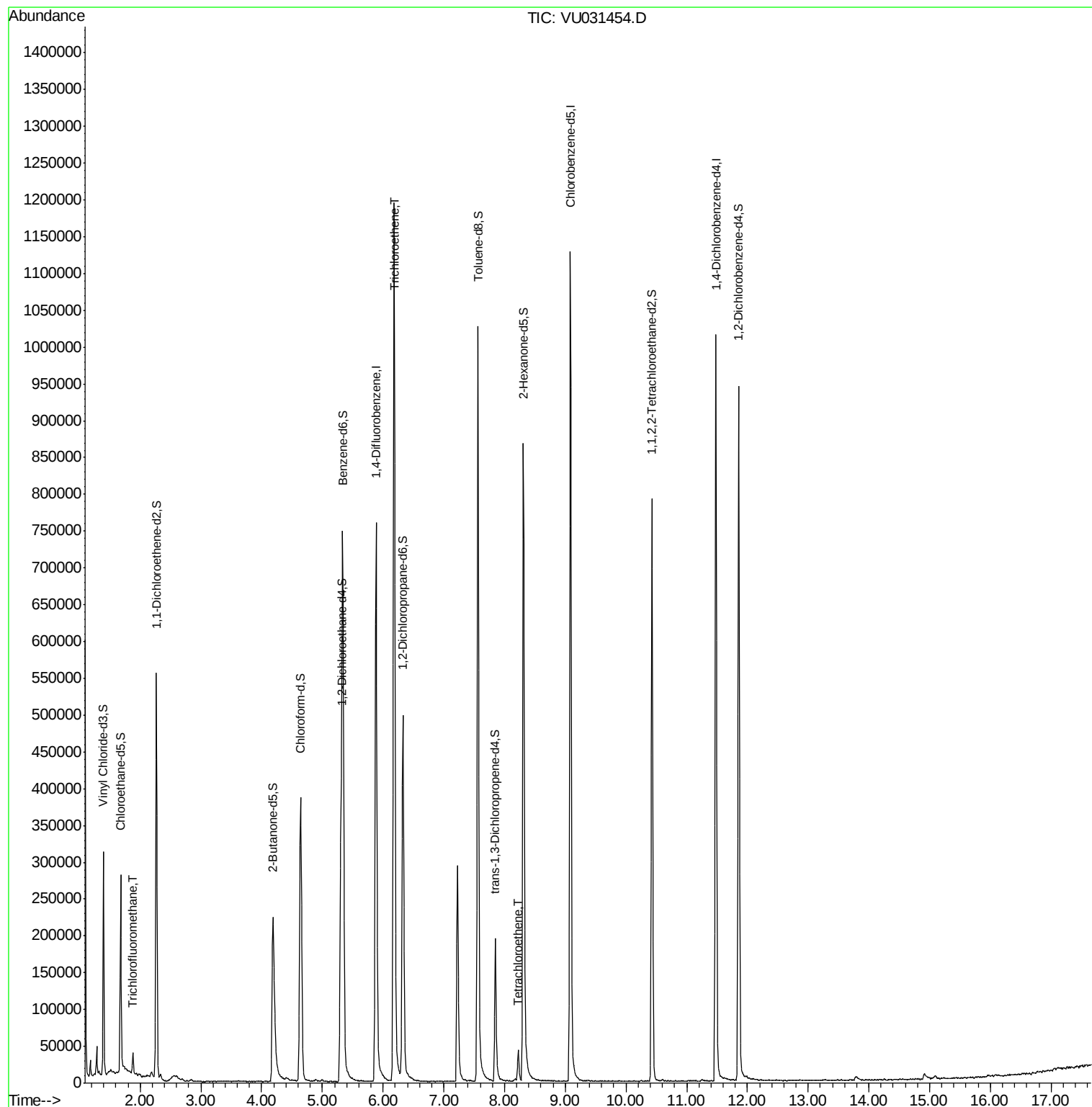
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	13400	1.817 ug/L	99
34) Trichloroethene	6.18	95	447623	88.241 ug/L	100
46) Tetrachloroethene	8.23	164	11069	3.077 ug/L	96

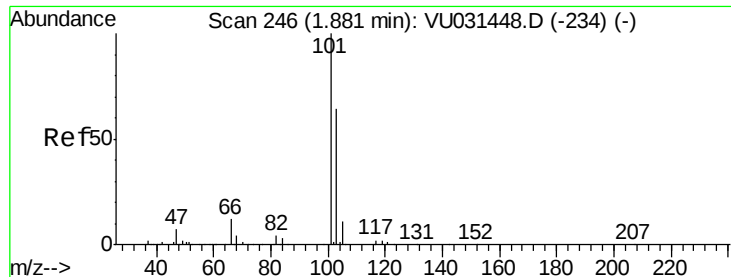
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.817 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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Acq: 23 Apr 2019 22:12

Instrument :

MSVOA_U

ClientSampled :

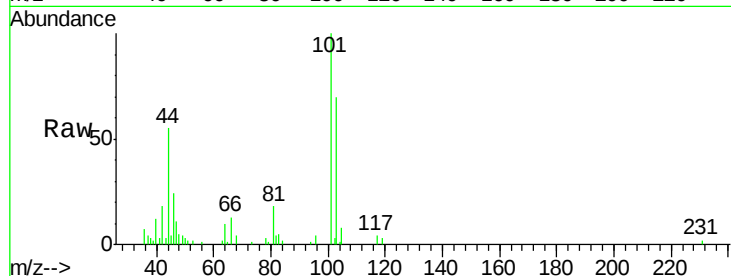
C0X22

Tot Ion:101 Resp: 13400

Ion Ratio Lower Upper

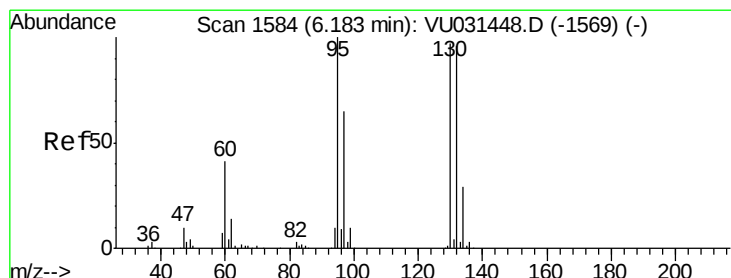
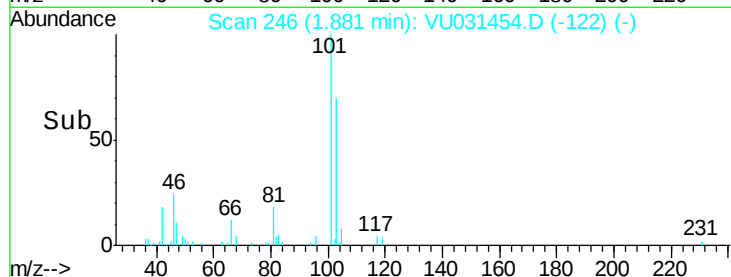
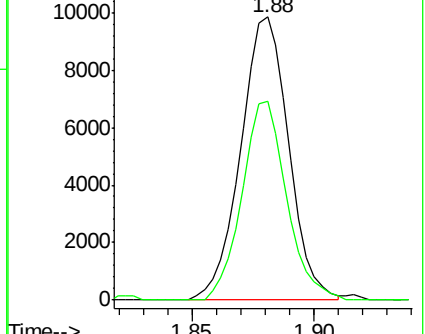
101 100

103 65.2 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 88.241 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

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Acq: 23 Apr 2019 22:12

Tgt Ion: 95 Resp: 447623

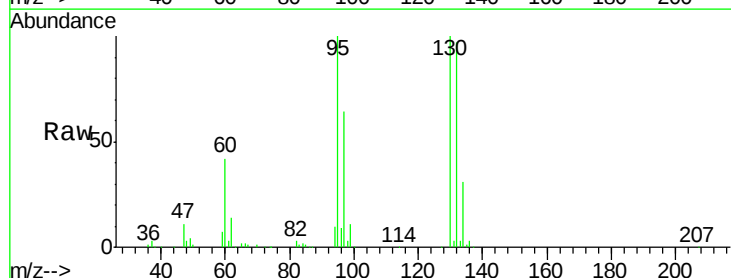
Ion Ratio Lower Upper

95 100

97 64.5 44.9 83.5

132 97.4 68.0 126.2

130 100.2 70.1 130.1

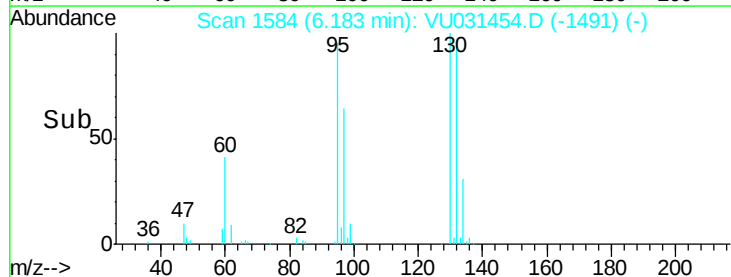
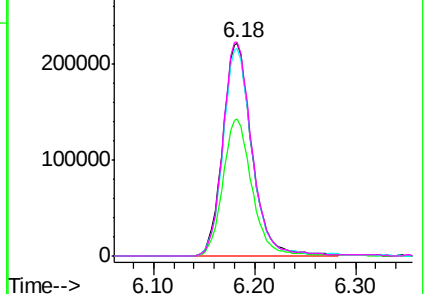


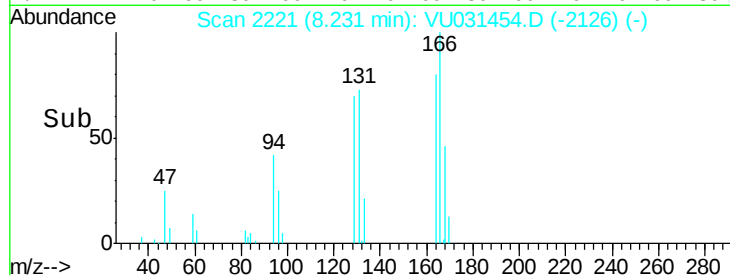
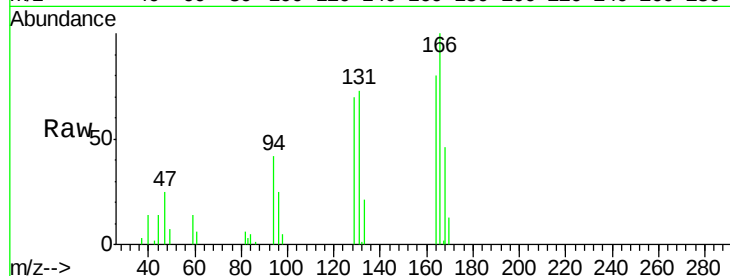
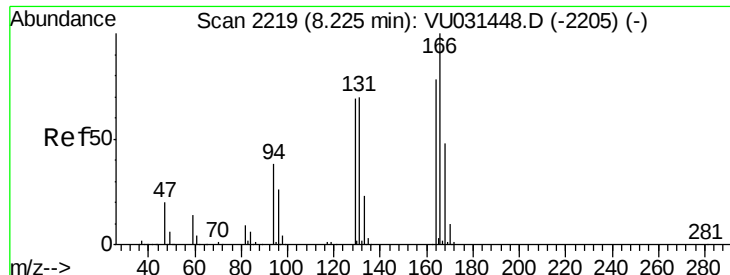
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 3.077 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

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C0X22

Tot Ion:164 Resp: 11069

Ion Ratio Lower Upper

164 100

129 87.3 65.2 121.0

131 91.1 61.4 114.0

166 124.7 89.2 165.6

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

