

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031578.D
 Acq On : 29 Apr 2019 12:03
 Operator : JC/SP
 Sample : K2590-11 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB0

Quant Time: Apr 30 02:42:00 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	709058	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	690573	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	259193	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	312854	52.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.44%
7) Chloroethane-d5	1.68	69	254036	55.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.27	63	469469	39.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.46%
21) 2-Butanone-d5	4.19	46	615567	114.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.49%
24) Chloroform-d	4.64	84	557110	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
26) 1,2-Dichloroethane-d4	5.31	65	380672	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.22%
32) Benzene-d6	5.34	84	1096110	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
36) 1,2-Dichloropropane-d6	6.32	67	390505	52.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.68%
41) Toluene-d8	7.56	98	912717	49.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.84%
43) trans-1,3-Dichloropropene-	7.85	79	159117	49.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.36%
47) 2-Hexanone-d5	8.31	63	363608	112.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	503801	50.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	293872	53.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.82%

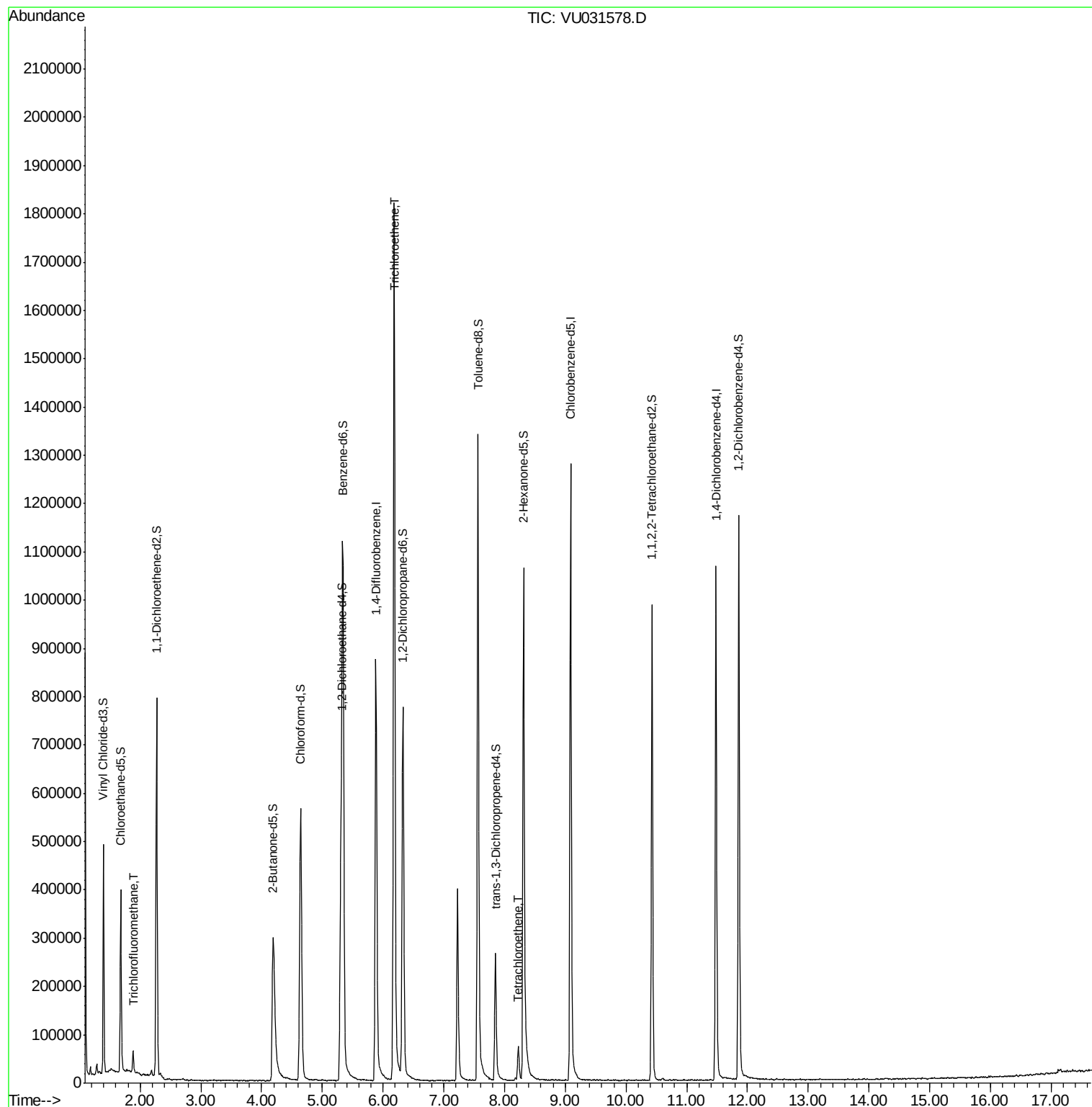
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	20294	2.018 ug/L	100
34) Trichloroethene	6.18	95	682789	110.941 ug/L	96
46) Tetrachloroethene	8.23	164	17131	4.083 ug/L	95

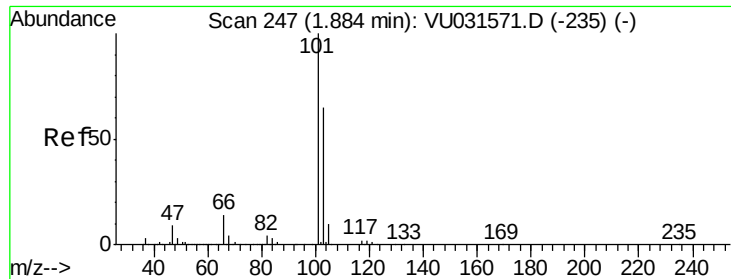
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.018 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

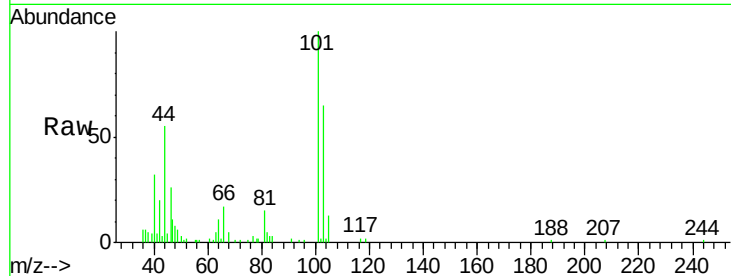
C0XB0

Tot Ion:101 Resp: 20294

Ion Ratio Lower Upper

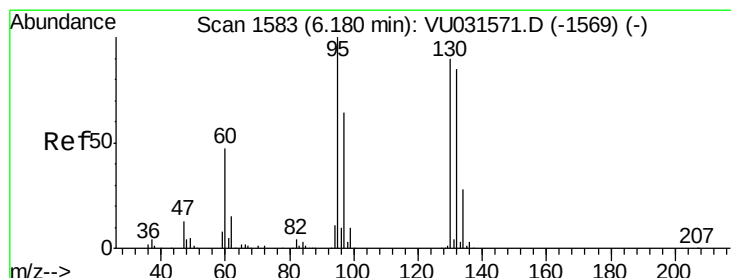
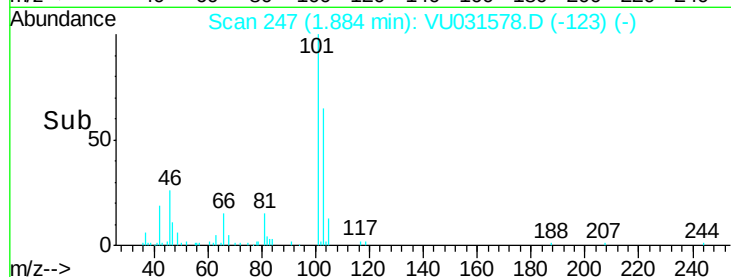
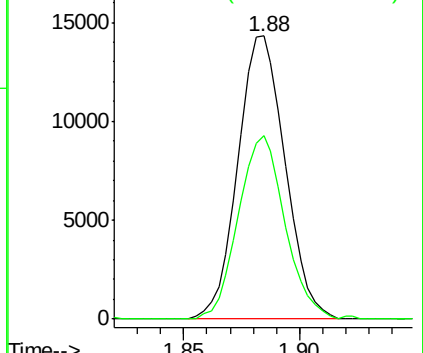
101 100

103 63.7 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: 110.941 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

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Acq: 29 Apr 2019 12:03

Tgt Ion: 95 Resp: 682789

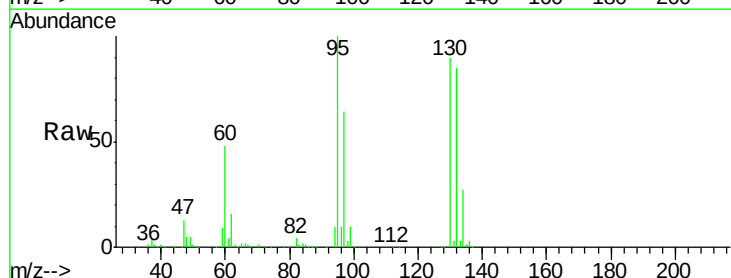
Ion Ratio Lower Upper

95 100

97 64.5 44.8 83.2

132 85.2 63.1 117.1

130 89.8 66.5 123.5

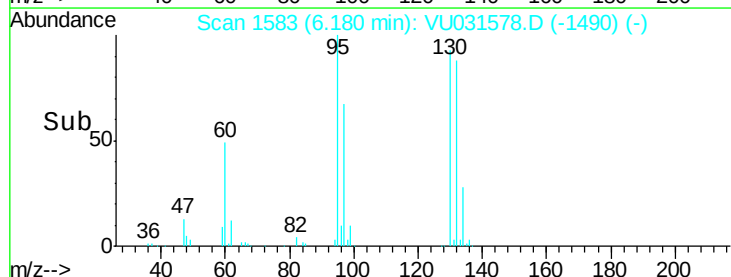
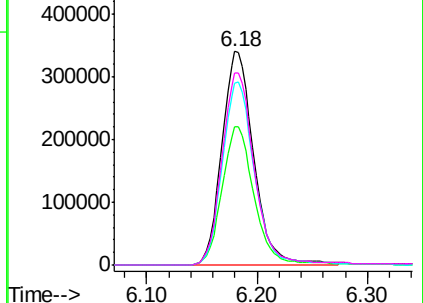


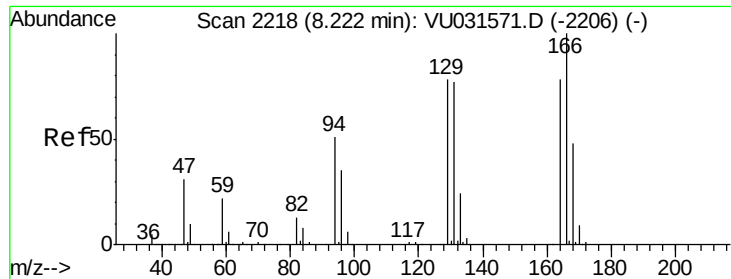
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.083 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

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Acq: 29 Apr 2019 12:03

Instrument :
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C0XB0

Tot Ion:164 Resp: 17131

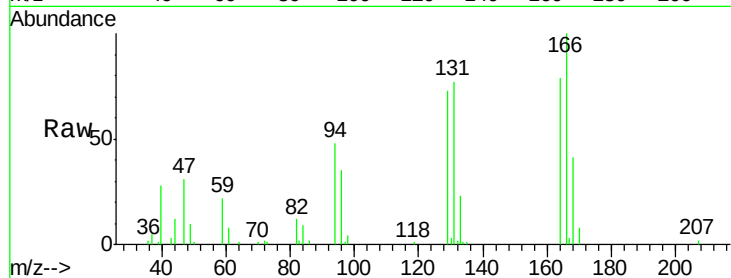
Ion Ratio Lower Upper

164 100

129 92.9 71.5 132.9

131 98.0 69.0 128.2

166 127.0 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

