

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122118\
 Data File : VU028895.D
 Acq On : 21 Dec 2018 23:53
 Operator : MD/SY
 Sample : J6535-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TQ6

Quant Time: Dec 22 03:38:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 22 01:55:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	174122	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163238	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67241	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60544	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.74%
7) Chloroethane-d5	1.67	69	49099	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.08%
11) 1,1-Dichloroethene-d2	2.27	63	79080	33.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.38%
21) 2-Butanone-d5	4.18	46	104136	106.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	4.65	84	105024	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.31	65	67925	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
32) Benzene-d6	5.34	84	230696	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
36) 1,2-Dichloropropane-d6	6.33	67	80450	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.70%
41) Toluene-d8	7.56	98	204150	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%
43) trans-1,3-Dichloropropene-	7.85	79	33463	47.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.34%
47) 2-Hexanone-d5	8.31	63	80583	108.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109248	50.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	71631	52.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.34%

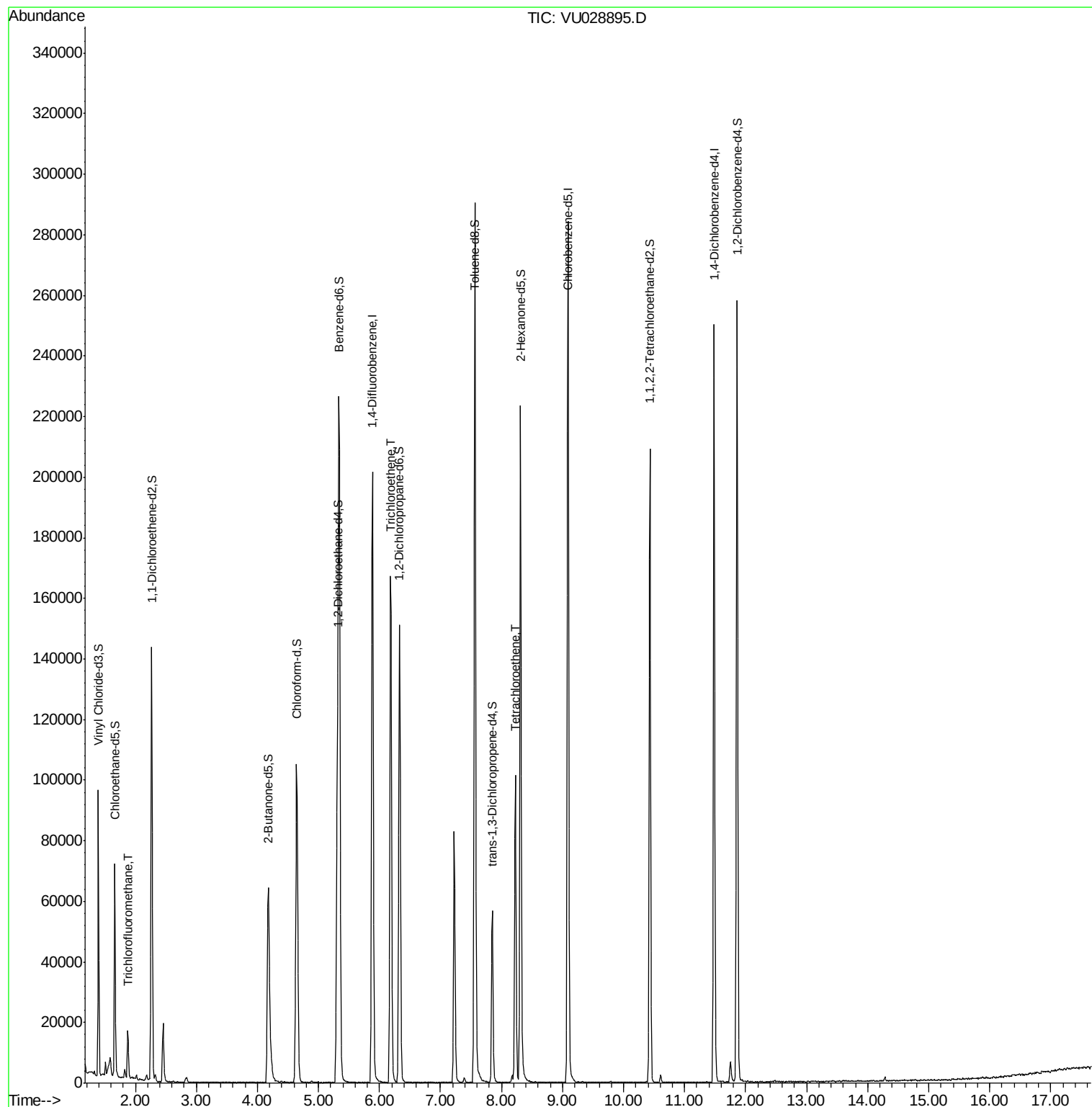
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	8540	4.896 ug/L	95
34) Trichloroethene	6.18	95	59868	47.717 ug/L	96
46) Tetrachloroethene	8.22	164	24170	25.013 ug/L	98

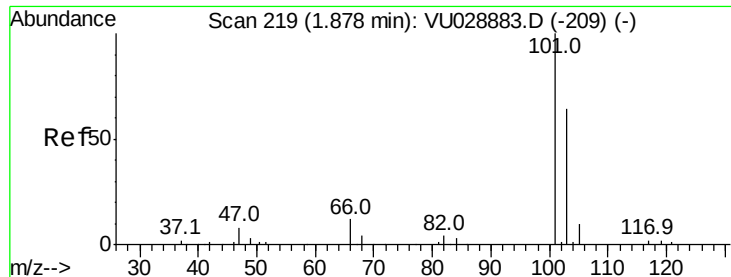
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 4.896 ug/L

RT: 1.88 min Scan# 219

Delta R.T. 0.00 min

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ClientSampleId :

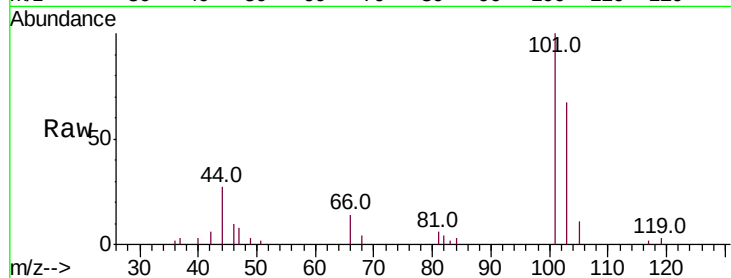
C0TQ6

Tot Ion:101 Resp: 8540

Ion Ratio Lower Upper

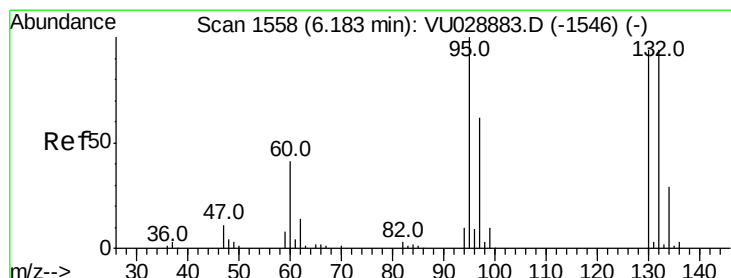
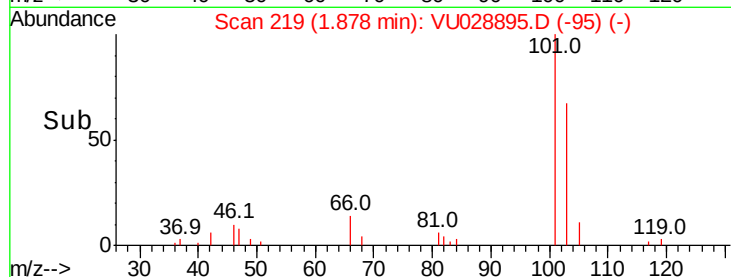
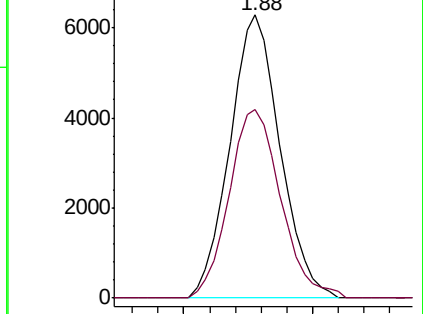
101 100

103 68.4 51.4 77.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 47.717 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

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Acq: 21 Dec 2018 23:53

Tgt Ion: 95 Resp: 59868

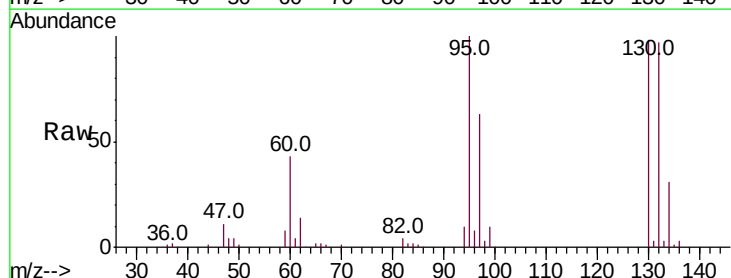
Ion Ratio Lower Upper

95 100

97 63.3 43.3 80.3

132 97.4 64.2 119.2

130 98.5 67.1 124.7

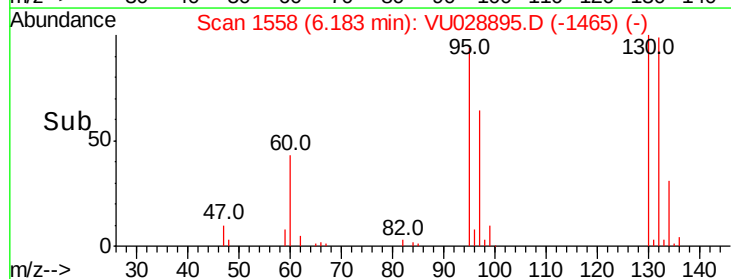
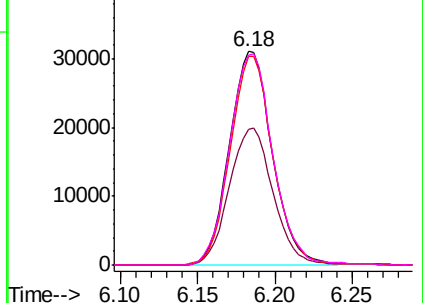


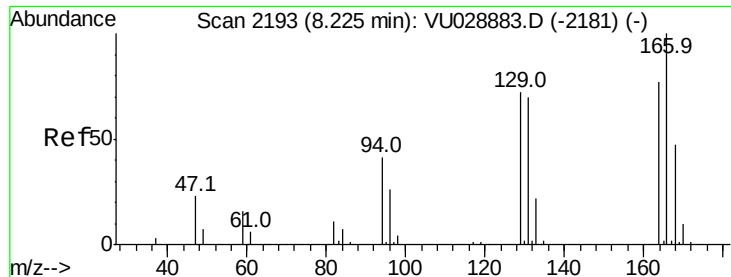
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 25.013 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

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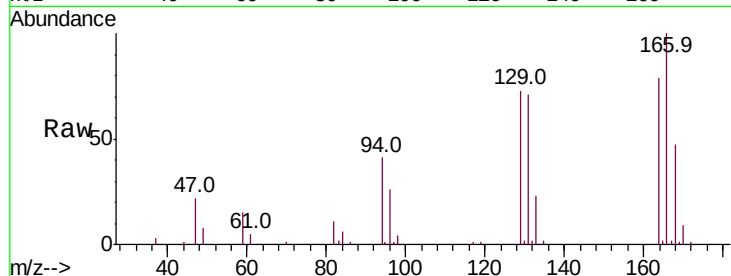
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Tot Ion:164 Resp: 24170

Ion Ratio Lower Upper

164 100

129 92.6 66.8 124.0

131 89.8 64.2 119.2

166 127.1 90.8 168.6

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

