

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031645.D
 Acq On : 30 Apr 2019 19:36
 Operator : JC/SP
 Sample : K2590-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: May 01 03:59:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	625420	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	618589	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	210983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	237935	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.92%
7) Chloroethane-d5	1.68	69	190340	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.12%
11) 1,1-Dichloroethene-d2	2.27	63	380705	36.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.04%
21) 2-Butanone-d5	4.18	46	521636	109.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.99%
24) Chloroform-d	4.64	84	500956	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.52%
26) 1,2-Dichloroethane-d4	5.31	65	351154	56.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.14%
32) Benzene-d6	5.34	84	931388	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
36) 1,2-Dichloropropane-d6	6.33	67	344165	51.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.00%
41) Toluene-d8	7.56	98	739008	44.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.34%
43) trans-1,3-Dichloropropene-	7.85	79	127828	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.12%
47) 2-Hexanone-d5	8.31	63	280106	96.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	445368	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	225131	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

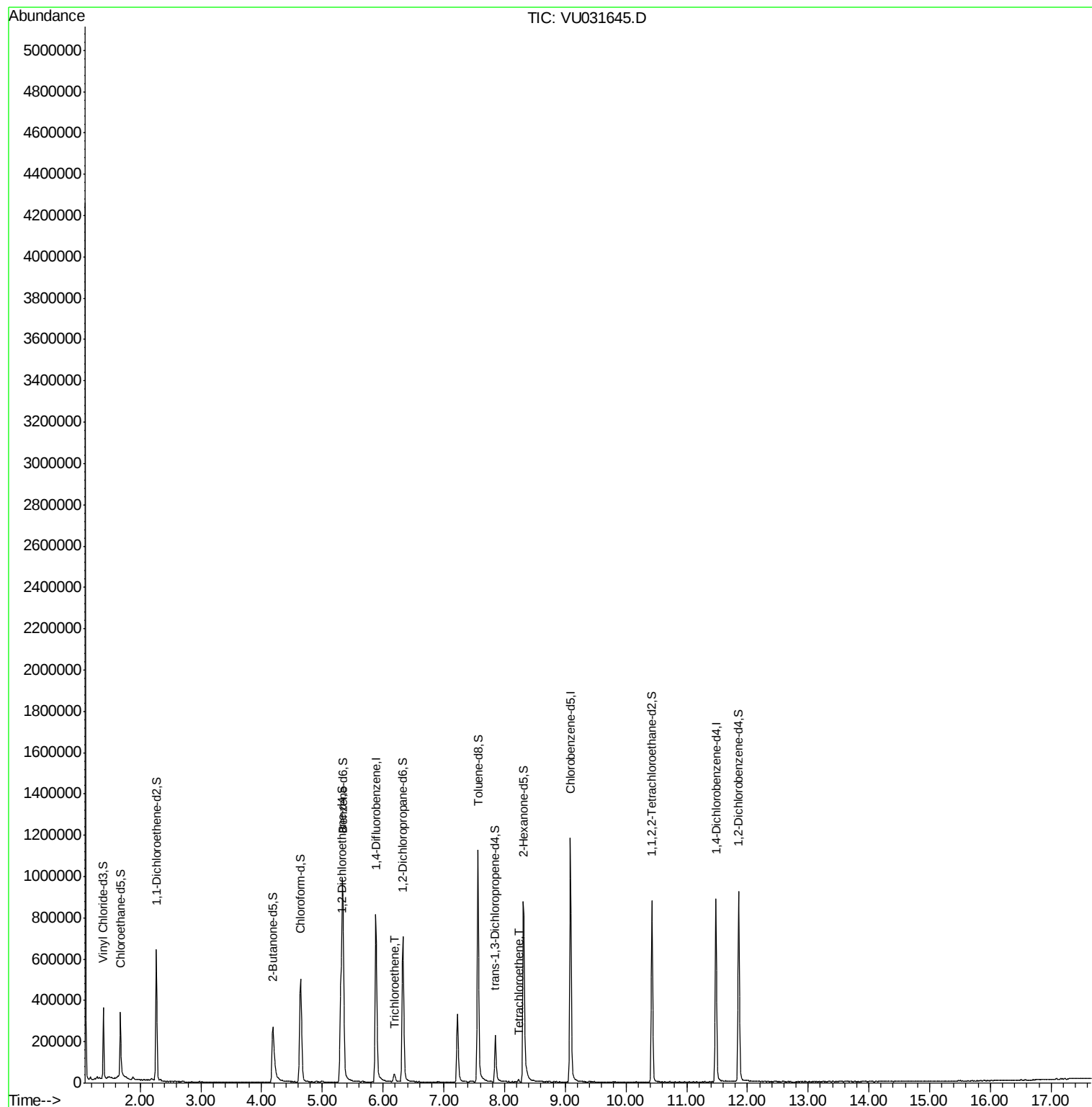
Target Compounds					Ovalue
34) Trichloroethene	6.18	95	13887	2.519 ug/L	91
46) Tetrachloroethene	8.23	164	2444	0.650 ug/L	82

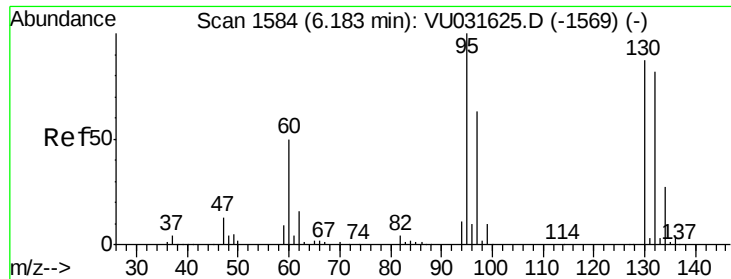
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 2.519 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

VHBLK02

Tot Ion: 95 Resp: 13887

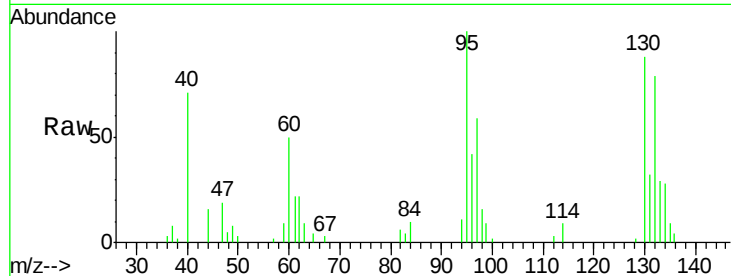
Ion Ratio Lower Upper

95 100

97 59.2 44.8 83.2

132 78.5 63.1 117.1

130 88.3 66.5 123.5

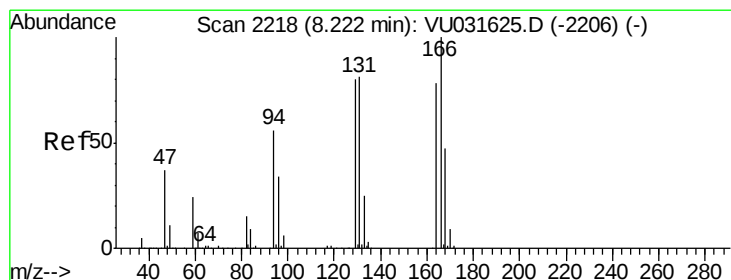
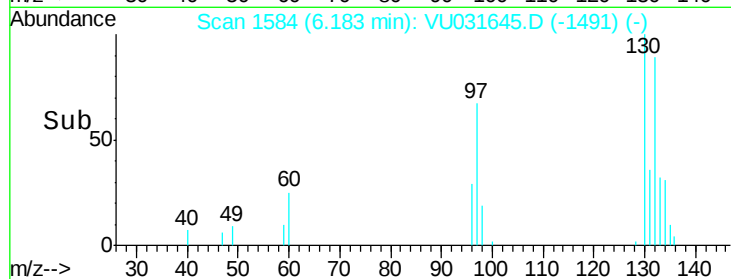
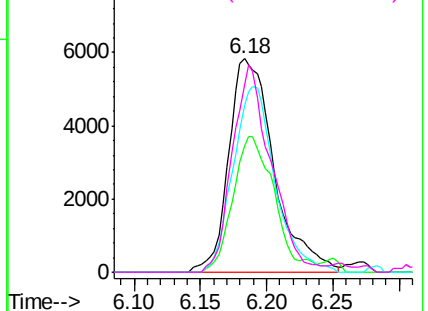


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.650 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

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Tgt Ion:164 Resp: 2444

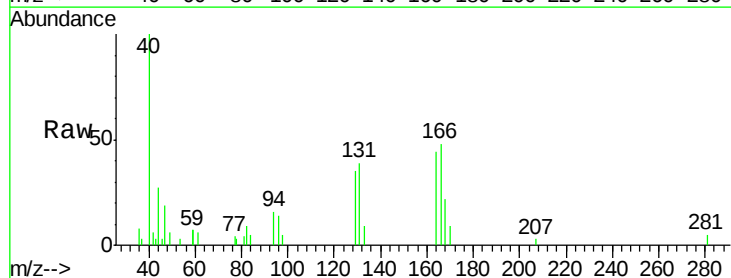
Ion Ratio Lower Upper

164 100

129 79.2 71.5 132.9

131 89.4 69.0 128.2

166 109.2 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

