

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\
 Data File : VU030261.D
 Acq On : 21 Mar 2019 13:29
 Operator : JC/SP
 Sample : K2017-03 5X
 Misc : 6.66g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0D6

Quant Time: Mar 22 04:53:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 04:03:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	543350	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	554211	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	275466	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135148	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.56%
7) Chloroethane-d5	1.65	69	116832	39.77	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.54%
11) 1,1-Dichloroethene-d2	2.26	63	192733	28.75	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.50%#
21) 2-Butanone-d5	4.18	46	263207	96.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.57%
24) Chloroform-d	4.64	84	283240	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.02%
26) 1,2-Dichloroethane-d4	5.31	65	172271	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.58%
32) Benzene-d6	5.33	84	603937	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.70%
36) 1,2-Dichloropropane-d6	6.32	67	199477	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.28%
41) Toluene-d8	7.56	98	546934	39.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.66%#
43) trans-1,3-Dichloropropene-	7.85	79	88623	40.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.56%
47) 2-Hexanone-d5	8.31	63	226866	96.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.81%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	332394	47.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	247598	44.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.54%

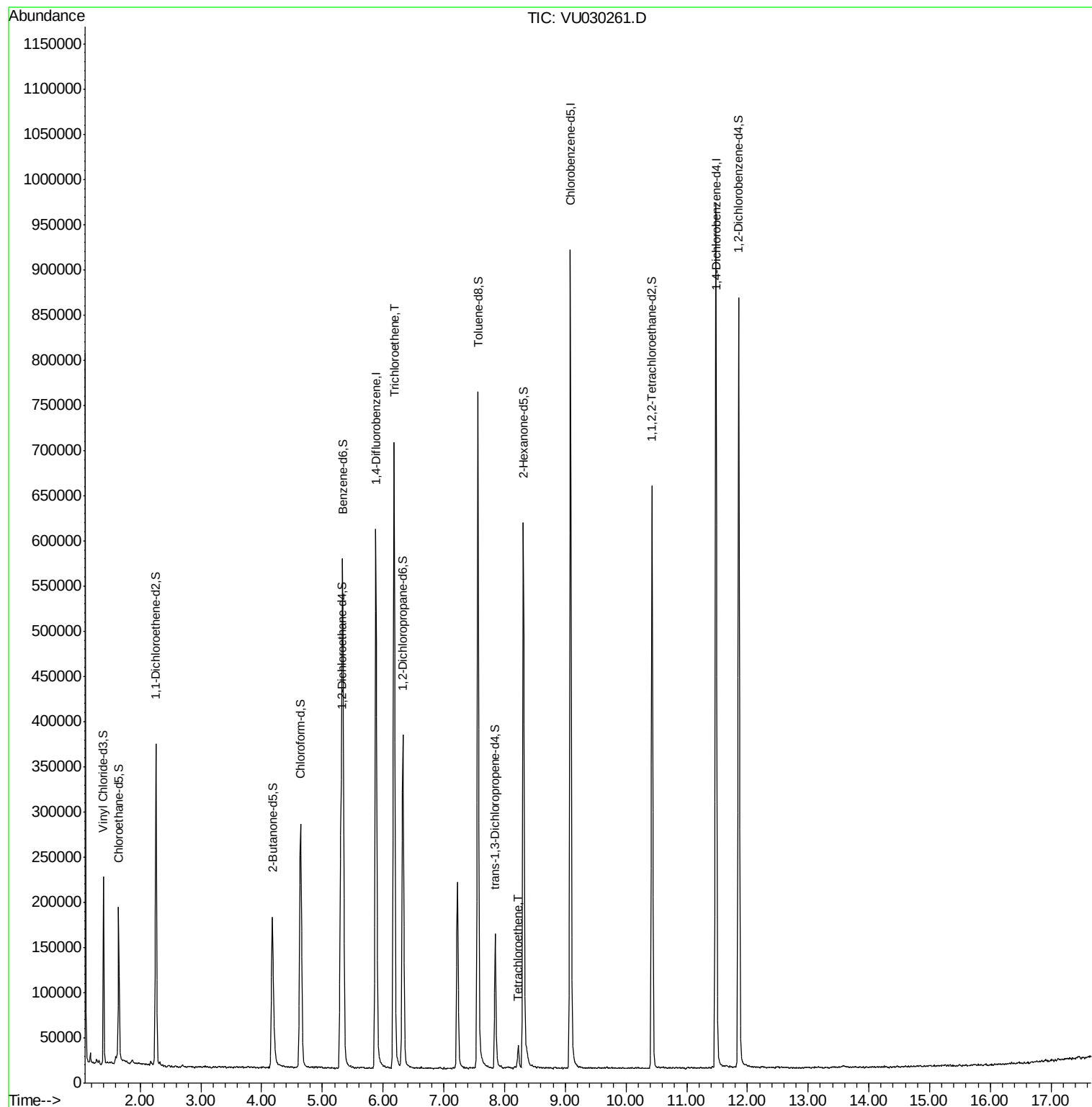
Target Compounds					Ovalue
34) Trichloroethene	6.18	95	247463	58.718 ug/L	99
46) Tetrachloroethene	8.22	164	6466	1.816 ug/L	94

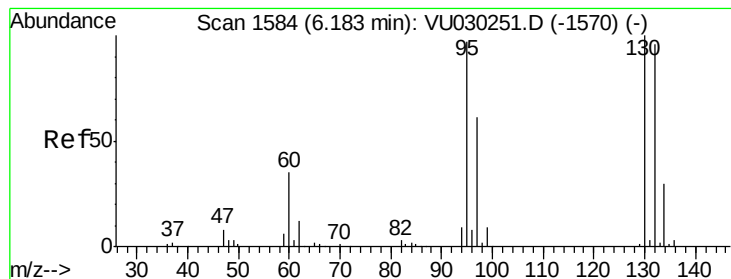
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 58.718 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030261.D

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Instrument :

MSVOA_U

ClientSampleId :

BF0D6

Tot Ion: 95 Resp: 247463

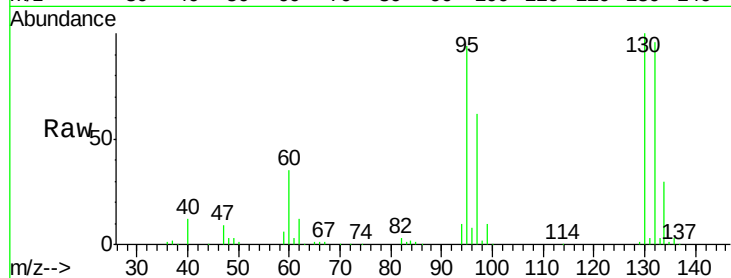
Ion Ratio Lower Upper

95 100

97 65.9 46.2 85.8

132 101.9 69.3 128.7

130 106.1 73.6 136.6

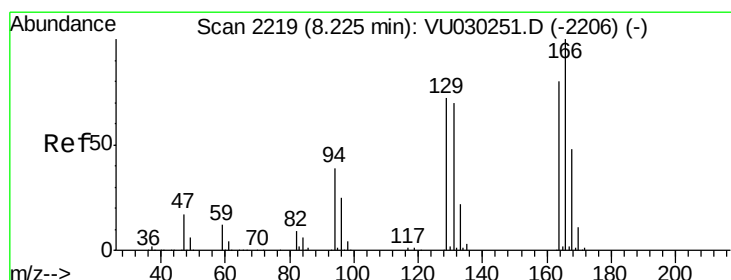
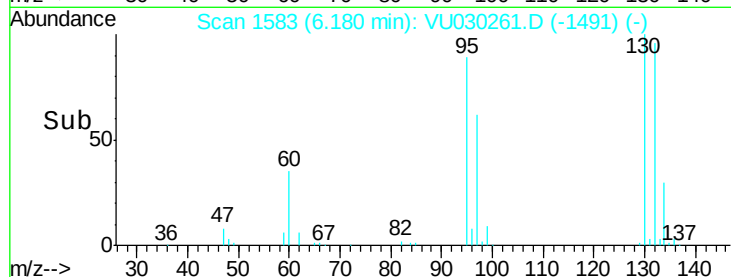
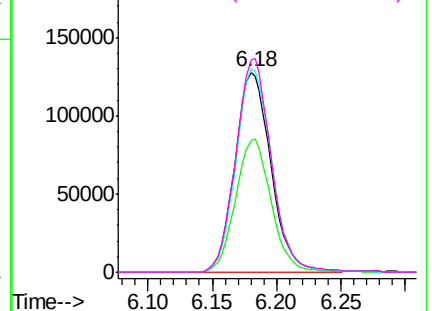


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.816 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 6466

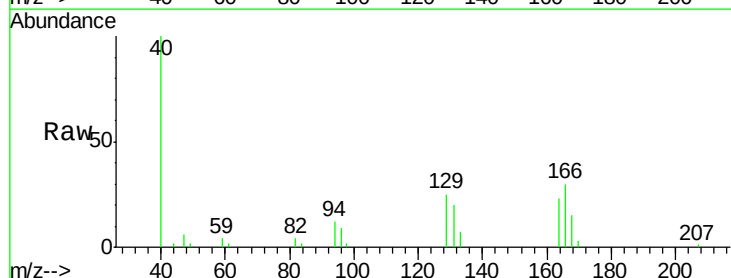
Ion Ratio Lower Upper

164 100

129 104.9 64.4 119.6

131 86.5 63.2 117.4

166 129.8 89.5 166.1



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

