

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040719\
 Data File : VU030835.D
 Acq On : 07 Apr 2019 04:56
 Operator : JC/SP
 Sample : K2327-09 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF2S4

Quant Time: Apr 08 09:01:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 08 07:03:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470645	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	466727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	190457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	217711	51.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.64%
7) Chloroethane-d5	1.68	69	173644	54.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.92%
11) 1,1-Dichloroethene-d2	2.27	63	299800	39.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.90%
21) 2-Butanone-d5	4.17	46	355530	106.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.77%
24) Chloroform-d	4.64	84	326200	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.66%
26) 1,2-Dichloroethane-d4	5.30	65	233346	53.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.58%
32) Benzene-d6	5.34	84	689387	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.33	67	234757	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.56%
41) Toluene-d8	7.56	98	585188	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%
43) trans-1,3-Dichloropropene-	7.85	79	98242	46.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.28%
47) 2-Hexanone-d5	8.31	63	207828	97.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	313195	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	194820	52.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.02%

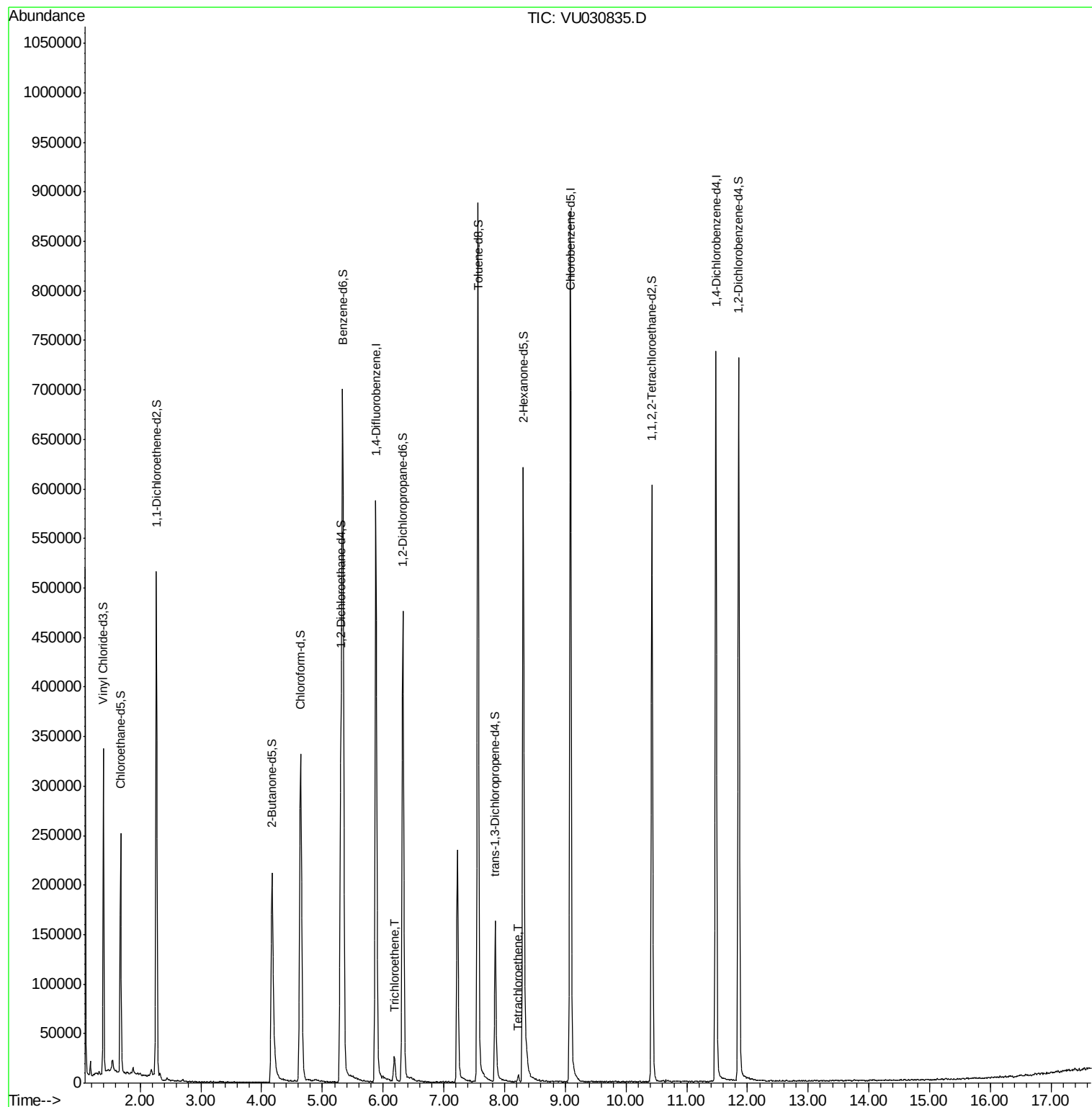
Target Compounds					Ovalue
34) Trichloroethene	6.19	95	8661	2.312 ug/L	99
46) Tetrachloroethene	8.22	164	1696	0.623 ug/L #	82

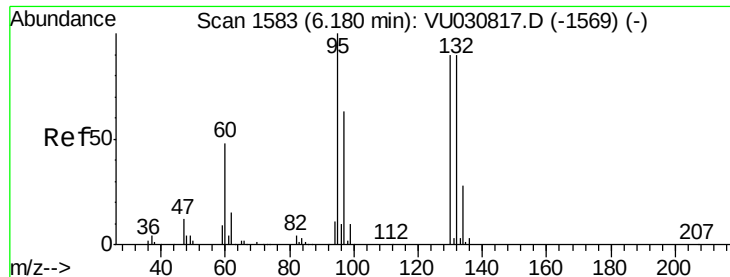
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 2.312 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

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Acq: 07 Apr 2019 04:56

Instrument :

MSVOA_U

ClientSampleId :

BF2S4

Tot Ion: 95 Resp: 8661

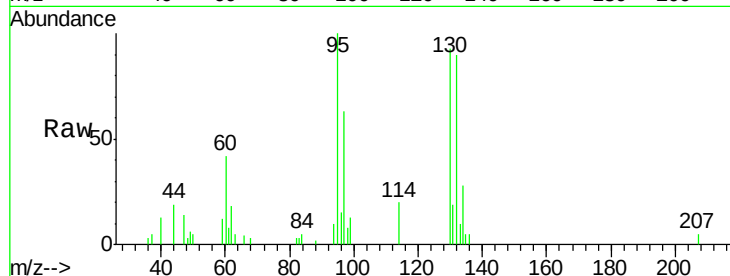
Ion Ratio Lower Upper

95 100

97 63.1 44.5 82.7

132 90.5 61.5 114.1

130 92.9 64.9 120.5

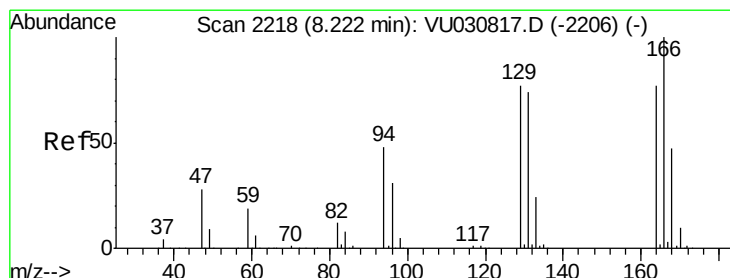
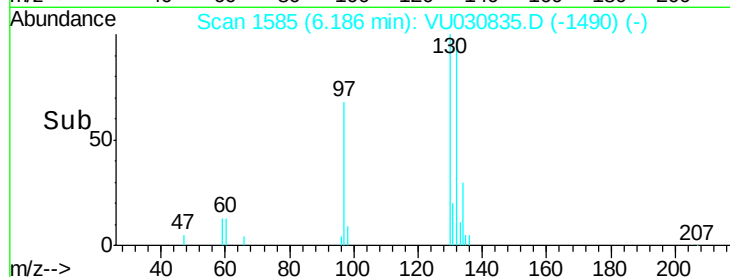
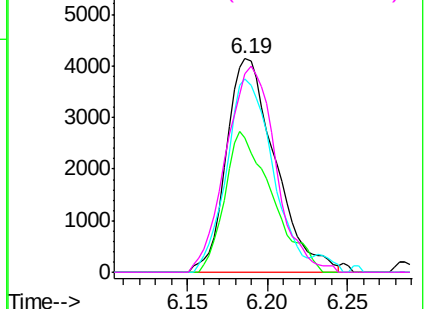


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.623 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 1696

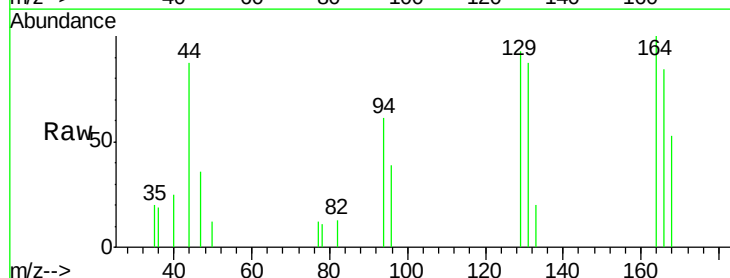
Ion Ratio Lower Upper

164 100

129 93.0 67.4 125.2

131 86.9 65.9 122.5

166 83.6 88.6 164.6#



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

