

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031683.D
 Acq On : 01 May 2019 14:43
 Operator : JC/SP
 Sample : K2593-17DL 5000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 C0XD9DL

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 9:29:53 AM

Quant Time: May 02 04:56:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 02:23:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	938518	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	896067	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	403666	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	252246	32.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.22%
7) Chloroethane-d5	1.68	69	231950	38.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.42%
11) 1,1-Dichloroethene-d2	2.27	63	419677	26.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.66%#
21) 2-Butanone-d5	4.19	46	685686	96.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.35%
24) Chloroform-d	4.64	84	542939	37.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.48%
26) 1,2-Dichloroethane-d4	5.31	65	380141	40.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.90%
32) Benzene-d6	5.34	84	1124040	40.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.70%
36) 1,2-Dichloropropane-d6	6.32	67	400326	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.70%
41) Toluene-d8	7.56	98	980884	40.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.86%
43) trans-1,3-Dichloropropene-	7.85	79	174959	42.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.20%
47) 2-Hexanone-d5	8.31	63	442166	105.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	553710	42.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.24%
64) 1,2-Dichlorobenzene-d4	11.85	152	365696	43.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.16%

Target Compounds					Ovalue
34) Trichloroethene	6.18	95	373476	46.767 ug/L	98
46) Tetrachloroethene	8.23	164	3618m	0.665 ug/L	

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

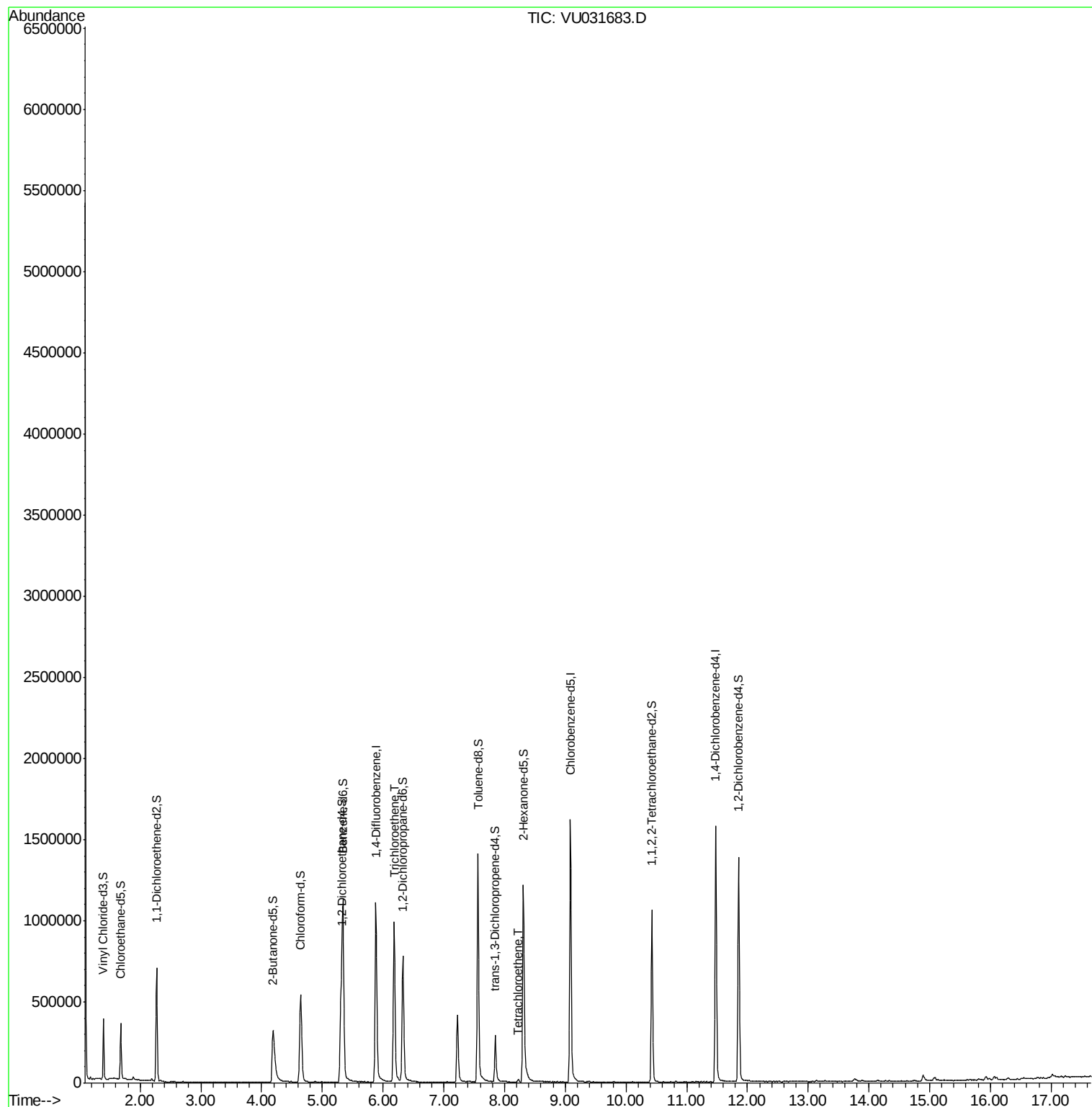
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
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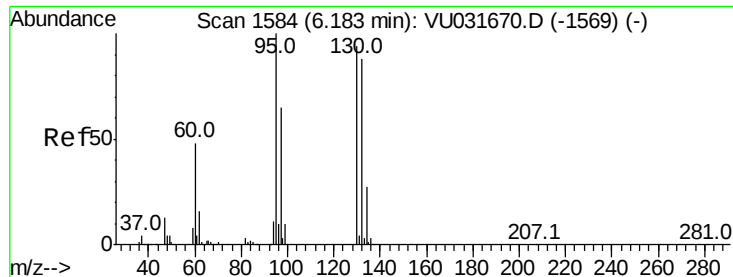
Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration





#34

Trichloroethene

Concen: 46.767 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031683.D

Acq: 01 May 2019 14:43

Instrument :

MSVOA_U

ClientSampled :

C0XD9DL

Tot Ion: 95 Resp: 373476

Ion Ratio Lower Upper

95 100

97 63.2 44.8 83.2

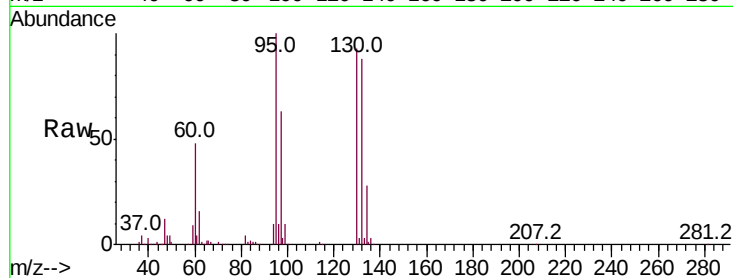
132 87.5 63.1 117.1

130 93.3 66.5 123.5

Manual Integrations
APPROVED

MMDadoda

5/2/2019 9:29:53 AM

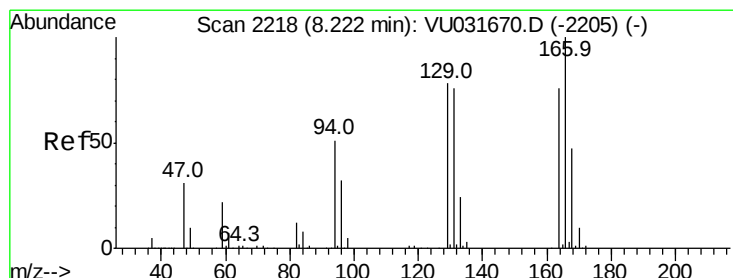
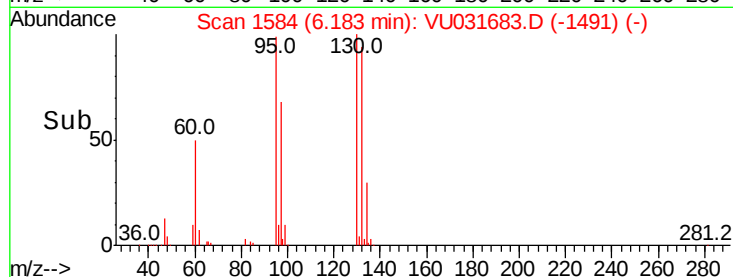
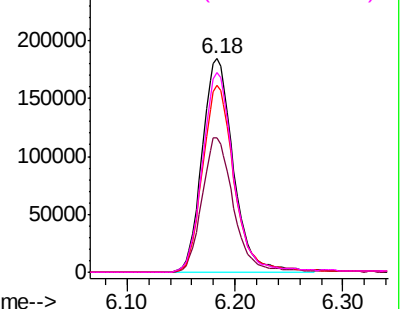


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.665 ug/L m

RT: 8.23 min Scan# 2222

Delta R.T. 0.01 min

Lab File: VU031683.D

Acq: 01 May 2019 14:43

Tgt Ion: 164 Resp: 3618

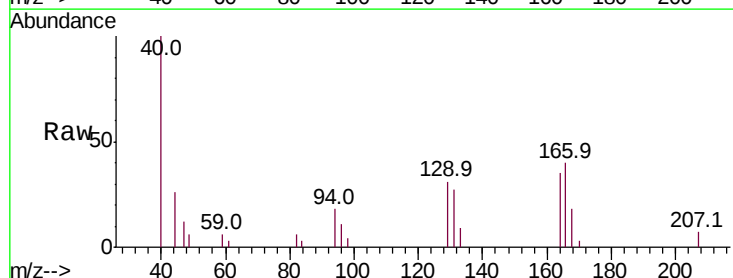
Ion Ratio Lower Upper

164 100

129 88.4 71.5 132.9

131 77.1 69.0 128.2

166 114.1 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

