

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031682.D
 Acq On : 01 May 2019 14:20
 Operator : JC/SP
 Sample : K2593-16DL 4000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB6DL

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 9:29:49 AM

Quant Time: May 02 04:51:00 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	944013	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	914597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	411441	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	256029	32.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.82%
7) Chloroethane-d5	1.68	69	235314	38.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.08%
11) 1,1-Dichloroethene-d2	2.27	63	421199m	26.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.54%#
21) 2-Butanone-d5	4.18	46	704095	98.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.36%
24) Chloroform-d	4.64	84	549673	37.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.98%
26) 1,2-Dichloroethane-d4	5.31	65	375729	39.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.50%
32) Benzene-d6	5.34	84	1141654	40.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.30%
36) 1,2-Dichloropropane-d6	6.33	67	417521	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.52%
41) Toluene-d8	7.56	98	987214	40.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.72%
43) trans-1,3-Dichloropropene-	7.85	79	176855	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.40%
47) 2-Hexanone-d5	8.31	63	449795	105.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	559885	42.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	373008	43.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.22%

Target Compounds					Ovalue
34) Trichloroethene	6.18	95	337120	41.359 ug/L	98
46) Tetrachloroethene	8.23	164	2839	0.511 ug/L	75

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

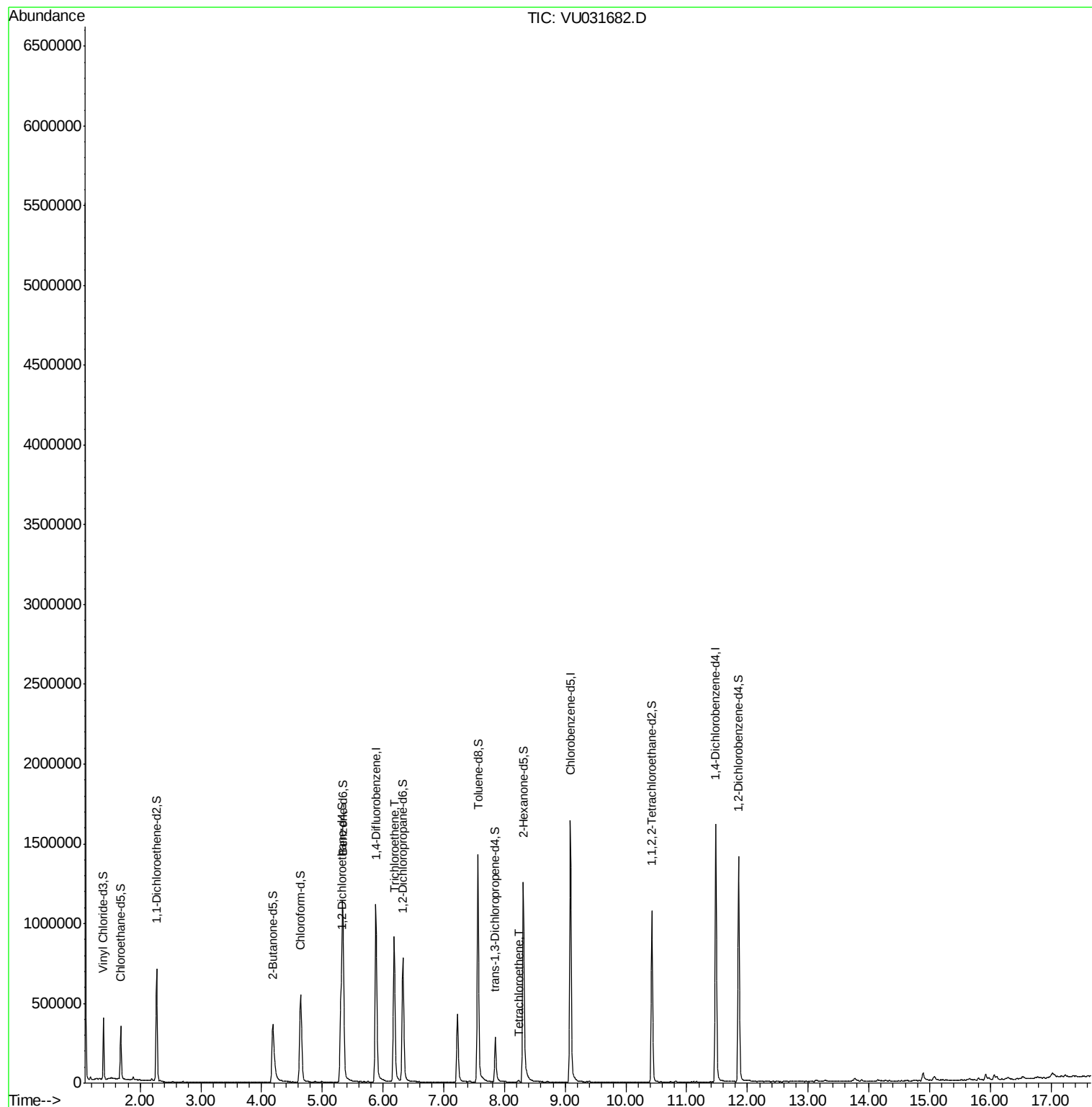
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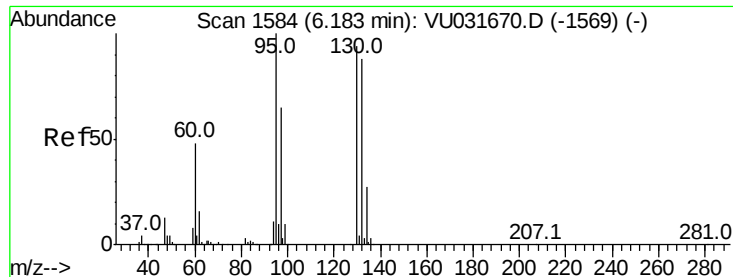
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Quant Title : VOC Analysis
QLast Update : Thu May 02 02:23:23 2019
Response via : Initial Calibration





#34

Trichloroethene

Concen: 41.359 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031682.D

Acq: 01 May 2019 14:20

Instrument :

MSVOA_U

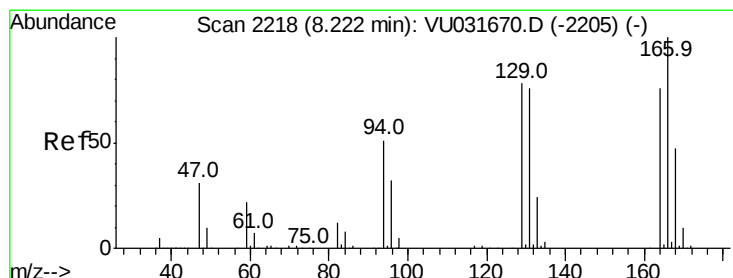
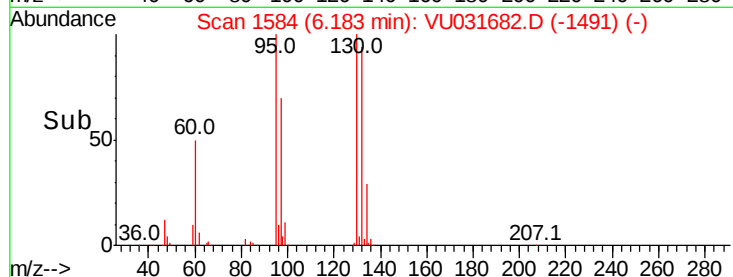
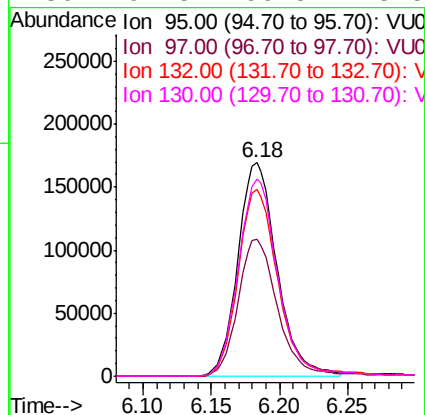
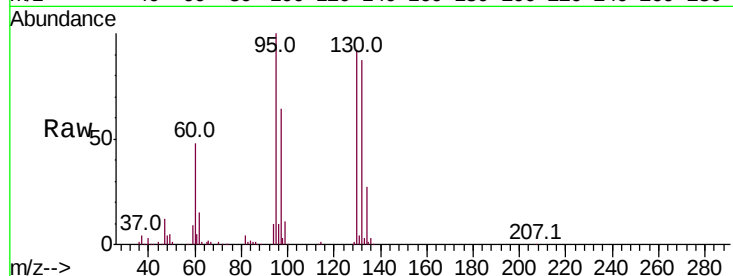
ClientSampled :

C0XB6DL

Tot Ion	95	Resp	337120
Ion Ratio	Lower	Upper	
95	100		
97	64.3	44.8	83.2
132	87.2	63.1	117.1
130	92.5	66.5	123.5

Manual Integrations
APPROVED

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5/2/2019 9:29:49 AM



#46

Tetrachloroethene

Concen: 0.511 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031682.D

Acq: 01 May 2019 14:20

Tgt Ion	164	Resp	2839
Ion Ratio	Lower	Upper	
164	100		
129	77.0	71.5	132.9
131	71.1	69.0	128.2
166	107.6	93.7	173.9

