

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031788.D
 Acq On : 06 May 2019 18:39
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 5:15:34 PM

Quant Time: May 07 09:13:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	563123	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	545448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	194415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	250842	53.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.44%
7) Chloroethane-d5	1.68	69	205403	56.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.27	63	383342	40.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.68%
21) 2-Butanone-d5	4.18	46	590078	138.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.19%#
24) Chloroform-d	4.64	84	492530	57.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.12%
26) 1,2-Dichloroethane-d4	5.31	65	341030	60.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.96%
32) Benzene-d6	5.34	84	911063	54.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.78%
36) 1,2-Dichloropropane-d6	6.33	67	343824	58.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.70%
41) Toluene-d8	7.56	98	710653	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%
43) trans-1,3-Dichloropropene-	7.85	79	130779	51.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.40%
47) 2-Hexanone-d5	8.31	63	312483	122.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	450302	56.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	228968	56.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds					Ovalue
34) Trichloroethene	6.19	95	5786	1.190 ug/L	83
46) Tetrachloroethene	8.22	164	4764m	1.438 ug/L	

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

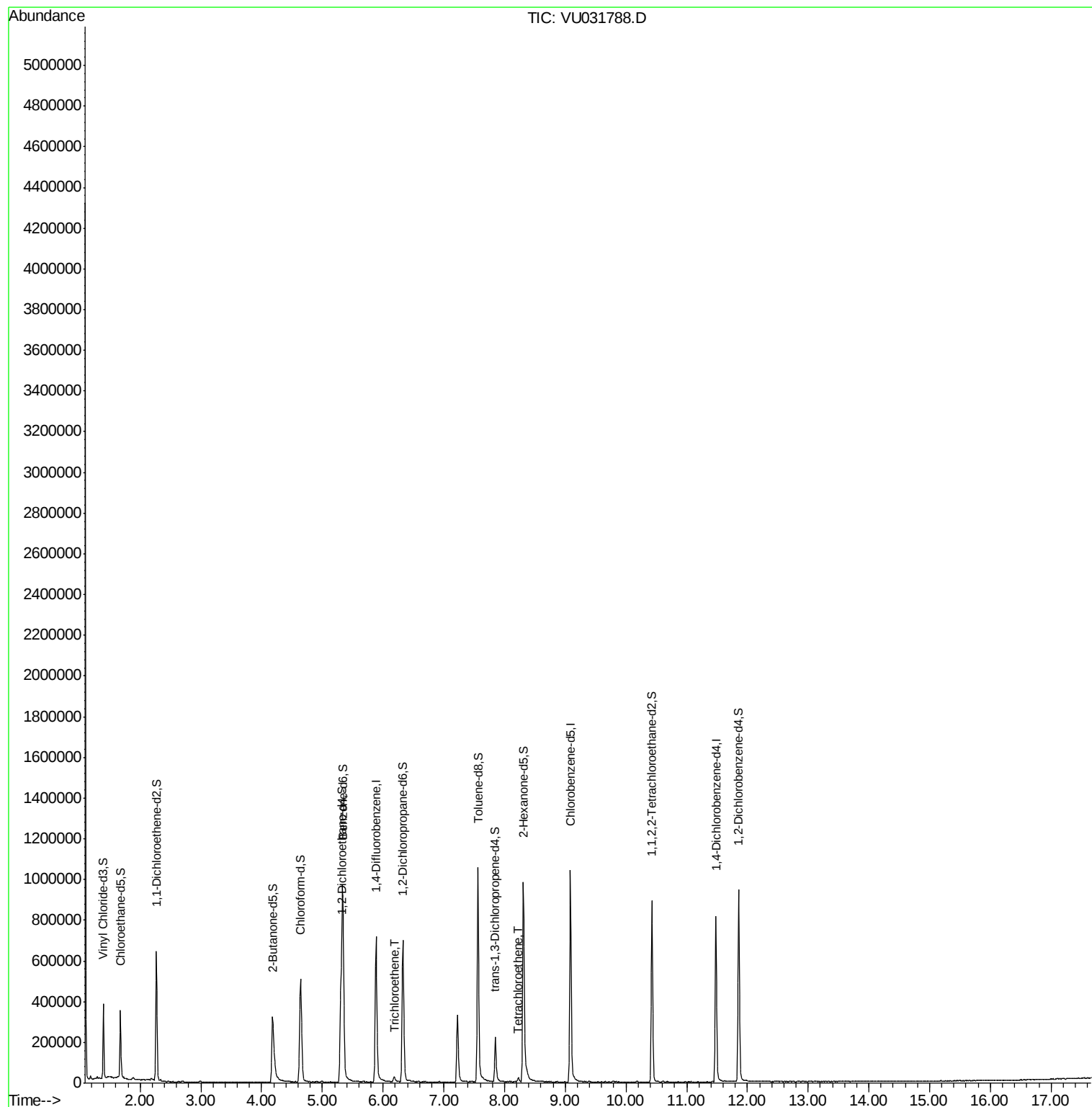
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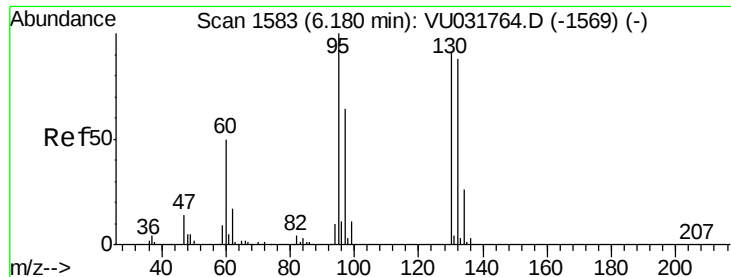
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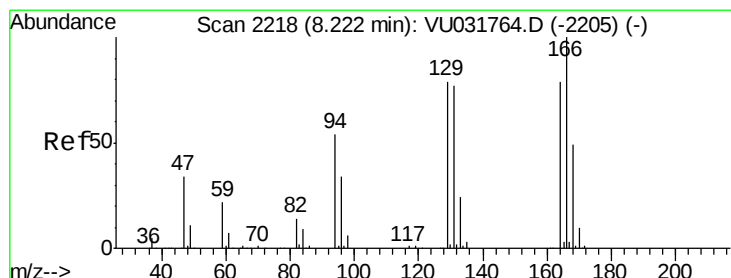
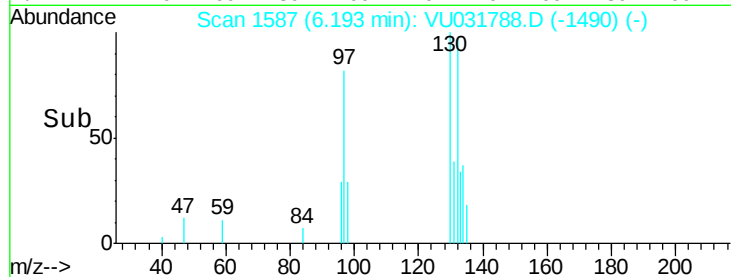
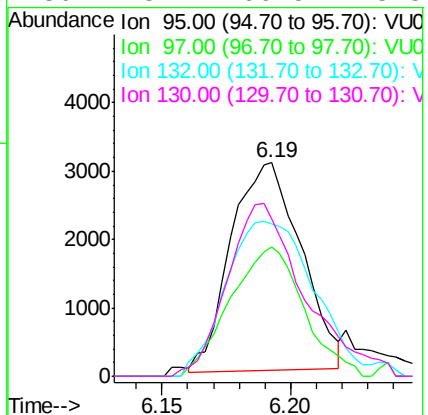
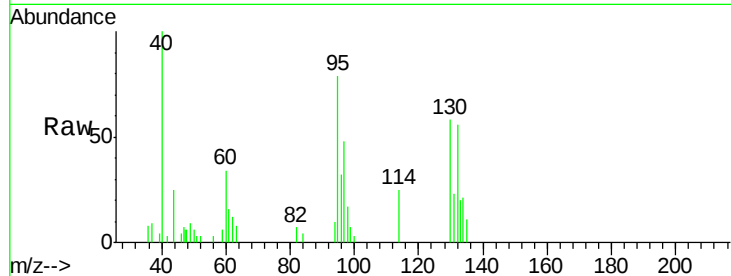
#34
 Trichloroethene
 Concen: 1.190 ug/L
 RT: 6.19 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VU031788.D
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Tot Ion:	95	Resp:	5786
Ion	Ratio	Lower	Upper
95	100		
97	60.7	44.8	83.2
132	71.3	63.1	117.1
130	73.7	66.5	123.5

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#46
 Tetrachloroethene
 Concen: 1.438 ug/L m
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU031788.D
 Acq: 06 May 2019 18:39

Tgt Ion:	164	Resp:	4764
Ion	Ratio	Lower	Upper
164	100		
129	105.0	71.5	132.9
131	95.4	69.0	128.2
166	109.3	93.7	173.9

