

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031721.D
 Acq On : 02 May 2019 18:49
 Operator : JC/SP
 Sample : K2661-09 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B29

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 10:39:02 AM

Quant Time: May 03 08:17:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 07:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	978880	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	885616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	368122	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	401424	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	294927	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.16%
11) 1,1-Dichloroethene-d2	2.27	63	564264m	34.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.18%
21) 2-Butanone-d5	4.18	46	708278	95.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.42%
24) Chloroform-d	4.64	84	628132	41.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.72%
26) 1,2-Dichloroethane-d4	5.31	65	417881	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
32) Benzene-d6	5.34	84	1335520	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
36) 1,2-Dichloropropane-d6	6.32	67	455724	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.26%
41) Toluene-d8	7.56	98	1169199	49.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.72%
43) trans-1,3-Dichloropropene-	7.85	79	185228	45.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.20%
47) 2-Hexanone-d5	8.31	63	472548	114.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	575343	44.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	365920	47.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.54%

Target Compounds					Ovalue
34) Trichloroethene	6.19	95	4852	0.615 ug/L	92
46) Tetrachloroethene	8.22	164	32814	6.098 ug/L	89

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

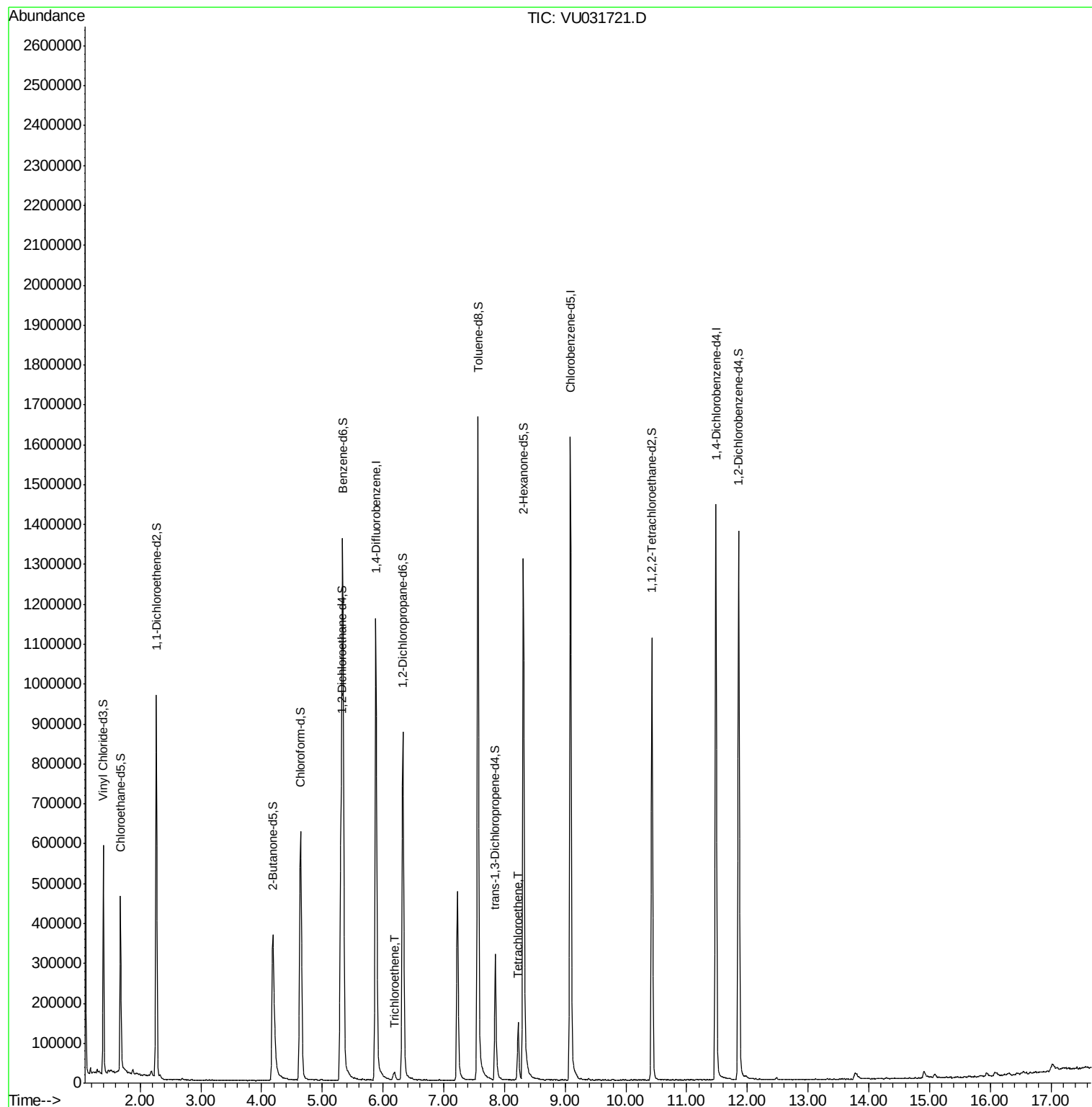
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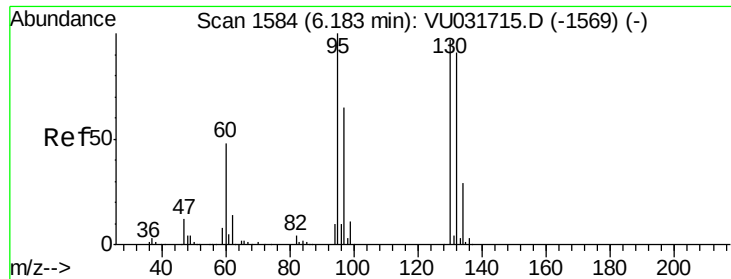
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#34

Trichloroethene

Concen: 0.615 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031721.D

Acq: 02 May 2019 18:49

Instrument :

MSVOA_U

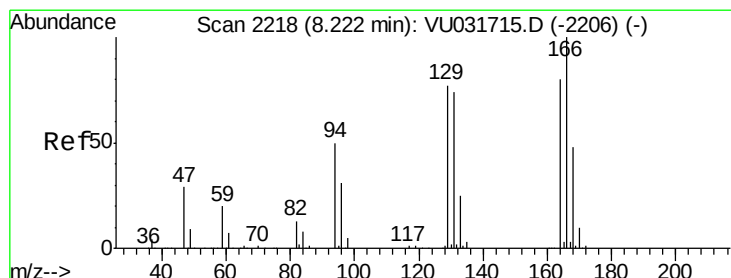
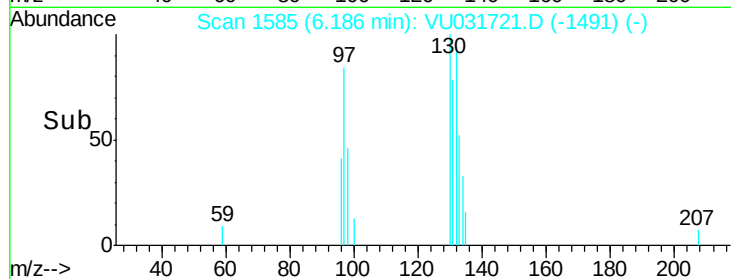
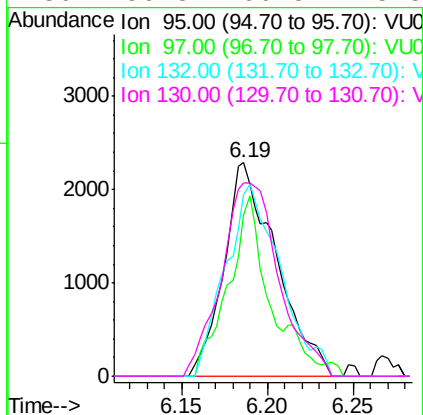
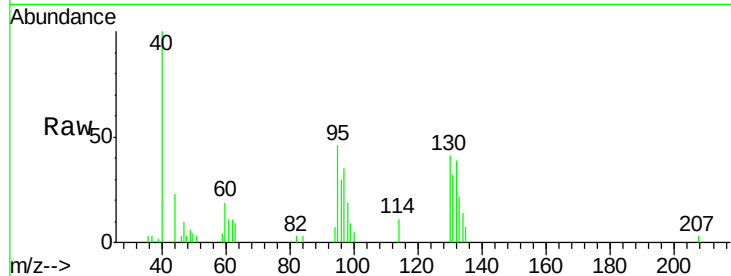
ClientSampled :

C0B29

Tot Ion:	95	Resp:	4852
Ion	Ratio	Lower	Upper
95	100		
97	75.8	44.8	83.2
132	84.8	63.1	117.1
130	90.3	66.5	123.5

Manual Integrations
APPROVED

MMDadoda
5/3/2019 10:39:02 AM



#46

Tetrachloroethene

Concen: 6.098 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031721.D

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Tgt Ion:	164	Resp:	32814
Ion	Ratio	Lower	Upper
164	100		
129	95.4	71.5	132.9
131	87.0	69.0	128.2
166	117.8	93.7	173.9

