

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031725.D
 Acq On : 02 May 2019 20:22
 Operator : JC/SP
 Sample : K2661-13 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B33

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 10:39:12 AM

Quant Time: May 03 08:44:00 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	971710	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	902309	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	369641	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	408957	50.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.58%
7) Chloroethane-d5	1.68	69	298628	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.04%
11) 1,1-Dichloroethene-d2	2.27	63	582005	35.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.88%
21) 2-Butanone-d5	4.19	46	704999	95.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.68%
24) Chloroform-d	4.64	84	639274m	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	5.31	65	421411	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
32) Benzene-d6	5.33	84	1354424	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
36) 1,2-Dichloropropane-d6	6.32	67	463441	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.08%
41) Toluene-d8	7.56	98	1161452	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%
43) trans-1,3-Dichloropropene-	7.85	79	190766	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
47) 2-Hexanone-d5	8.31	63	473124	112.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	578473	44.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	365868	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds					Ovalue
34) Trichloroethene	6.19	95	3631	0.452 ug/L	77
46) Tetrachloroethene	8.22	164	6270	1.144 ug/L	89

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

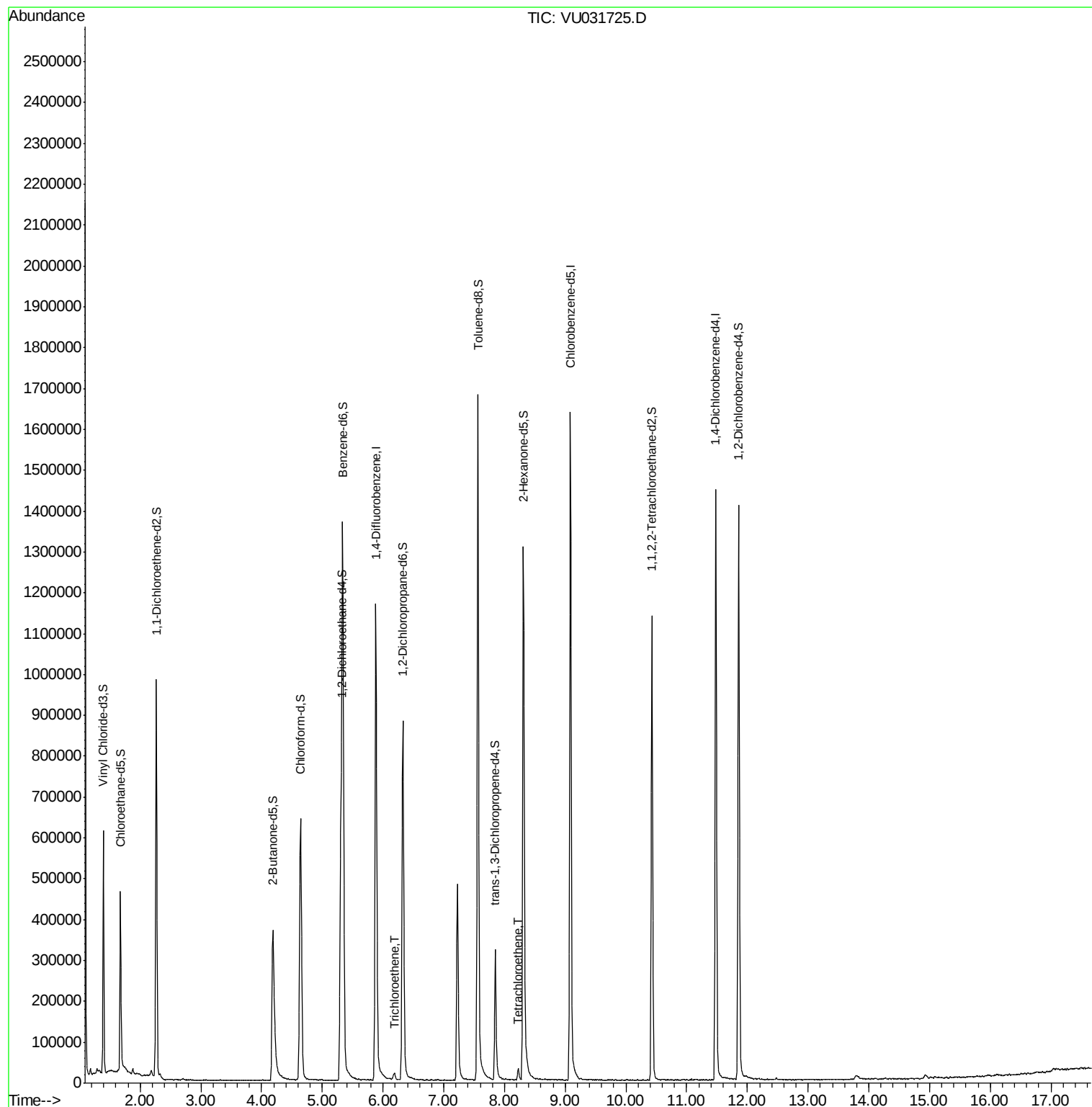
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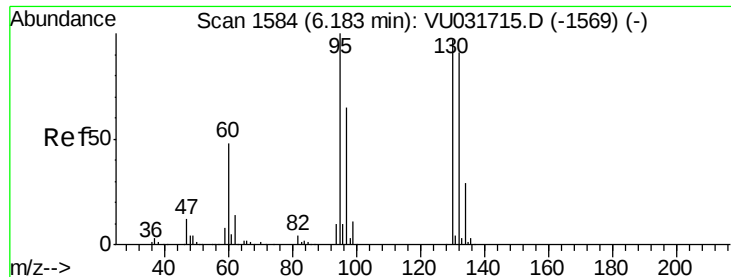
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#34

Trichloroethene

Concen: 0.452 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031725.D

Acq: 02 May 2019 20:22

Instrument :

MSVOA_U

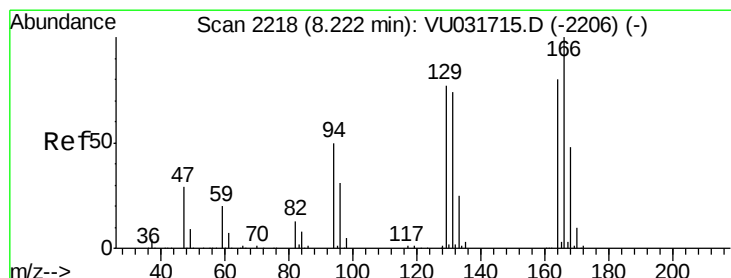
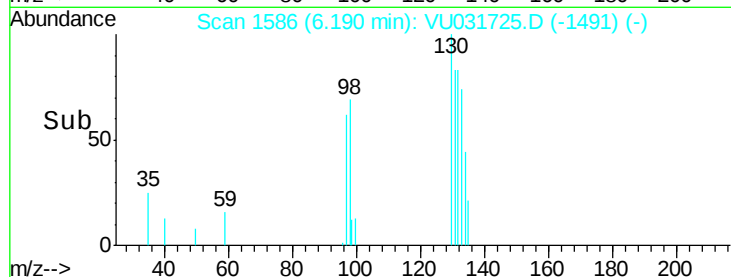
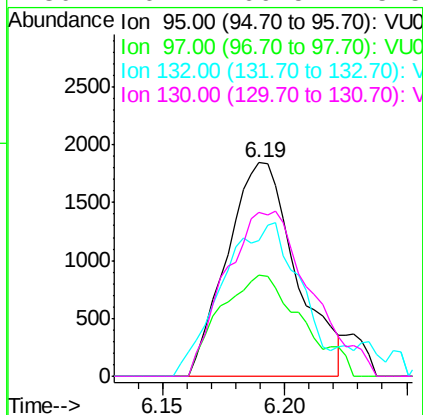
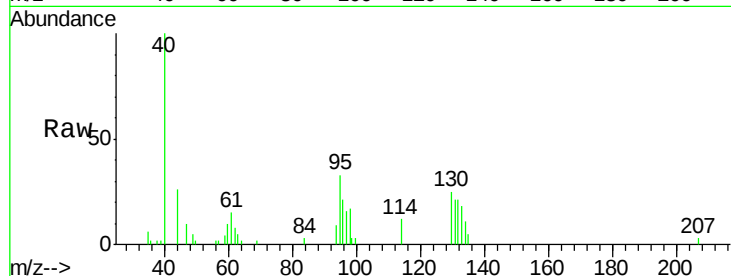
ClientSampled :

C0B33

Tot Ion:	95	Resp:	3631
Ion	Ratio	Lower	Upper
95	100		
97	47.6	44.8	83.2
132	63.5	63.1	117.1
130	76.7	66.5	123.5

Manual Integrations
APPROVED

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#46

Tetrachloroethene

Concen: 1.144 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031725.D

Acq: 02 May 2019 20:22

Tgt Ion:	164	Resp:	6270
Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.5	132.9
131	82.0	69.0	128.2
166	121.3	93.7	173.9

