

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031685.D
 Acq On : 01 May 2019 15:29
 Operator : JC/SP
 Sample : K2593-19DL 5000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XG5DL

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 9:29:57 AM

Quant Time: May 02 05:03:46 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	923674	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	895795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	400846	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	256126	33.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.26%
7) Chloroethane-d5	1.68	69	233181	39.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.06%
11) 1,1-Dichloroethene-d2	2.27	63	420060m	27.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.58%#
21) 2-Butanone-d5	4.19	46	681939	97.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.36%
24) Chloroform-d	4.65	84	538712	38.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.10%
26) 1,2-Dichloroethane-d4	5.31	65	368186	39.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.62%
32) Benzene-d6	5.34	84	1126573	40.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.92%
36) 1,2-Dichloropropane-d6	6.32	67	409594	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.64%
41) Toluene-d8	7.56	98	994220	41.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.85	79	172847	41.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.22%
47) 2-Hexanone-d5	8.31	63	441575	105.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	568649	43.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	372401	44.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.36%

Target Compounds					Ovalue
34) Trichloroethene	6.18	95	436933	54.730 ug/L	98
46) Tetrachloroethene	8.23	164	5264	0.967 ug/L	93

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

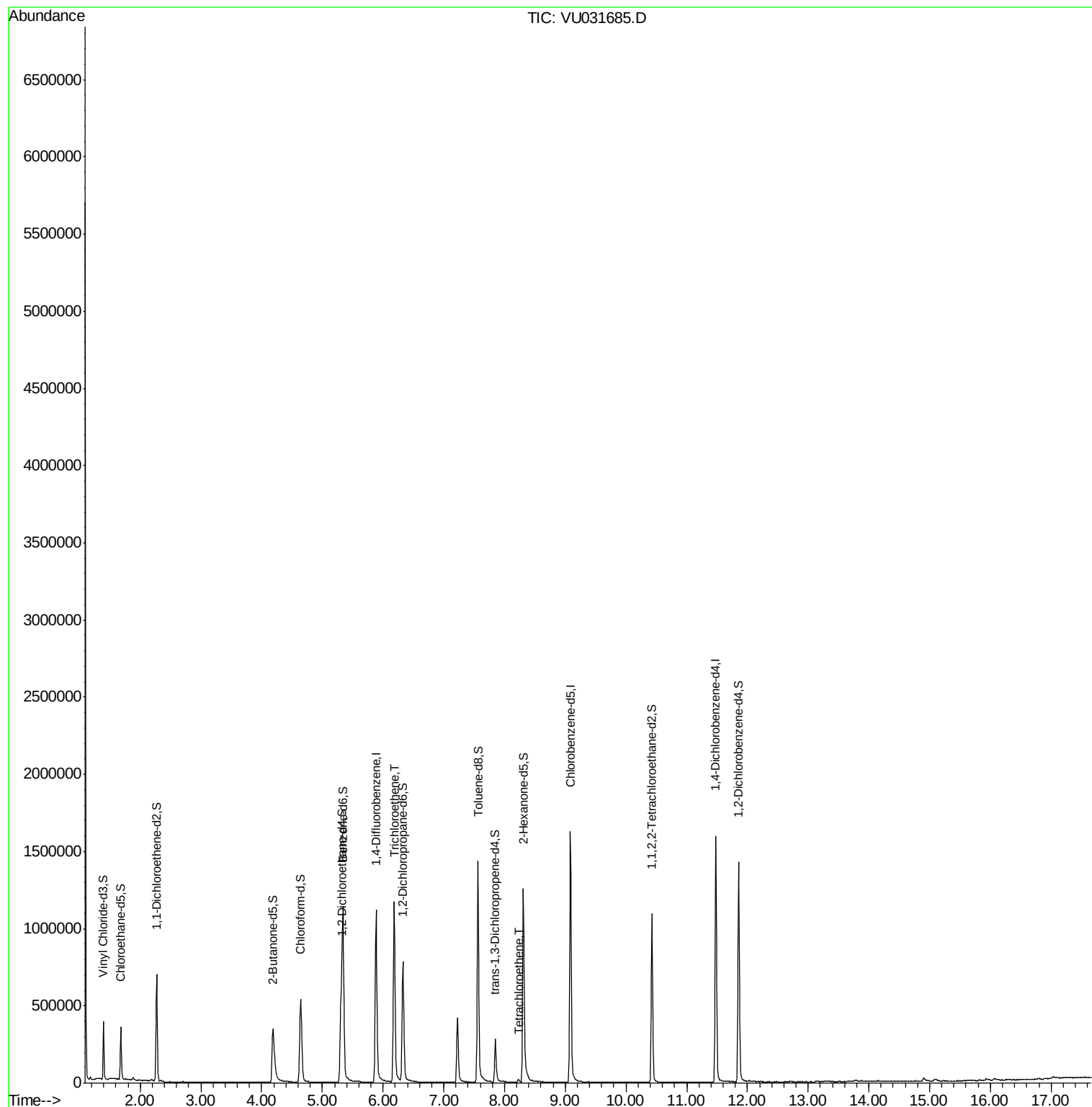
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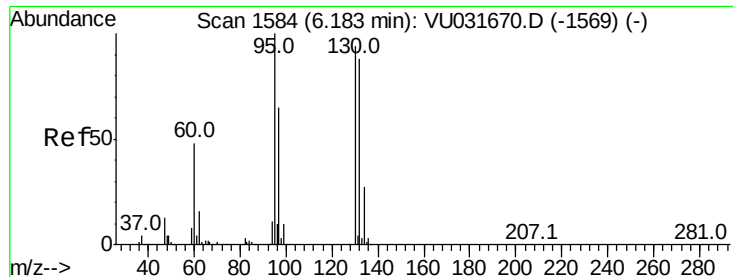
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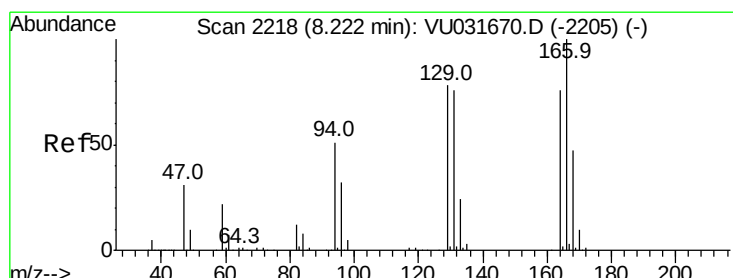
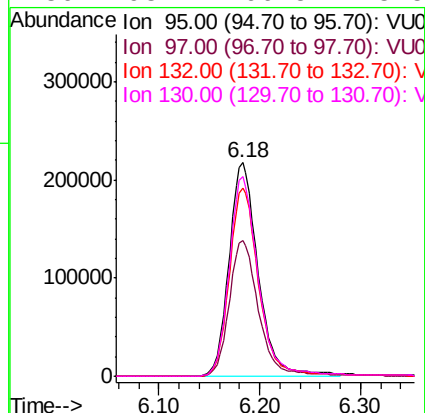
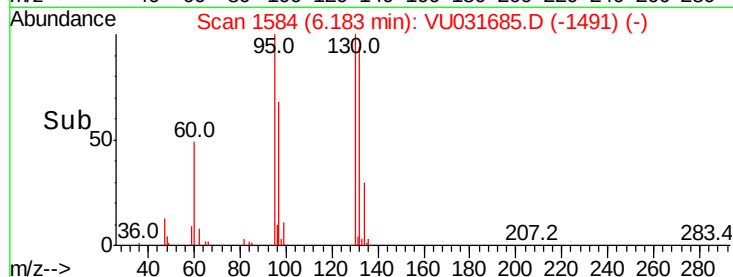
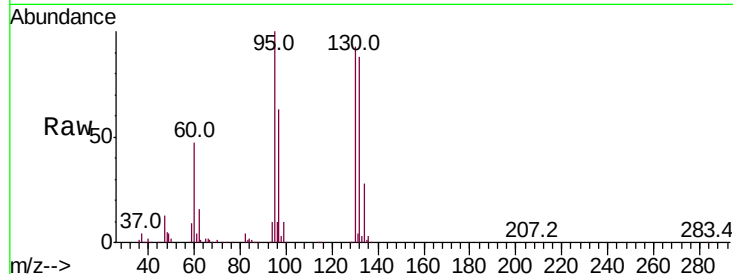
#34
 Trichloroethene
 Concen: 54.730 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031685.D
 Acq: 01 May 2019 15:29

Instrument :
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 C0XG5DL

Tot Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.8	83.2
132	88.1	63.1	117.1
130	93.2	66.5	123.5

Manual Integrations
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 5/2/2019 9:29:57 AM



#46
 Tetrachloroethene
 Concen: 0.967 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VU031685.D
 Acq: 01 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
164	100		
129	100.8	71.5	132.9
131	112.6	69.0	128.2
166	126.7	93.7	173.9

