

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031758.D
 Acq On : 03 May 2019 18:23
 Operator : JC/SP
 Sample : K2695-04 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X89

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 11:43:46 AM

Quant Time: May 04 06:59:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 04 02:35:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	769645	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	740049	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	284392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	320453	49.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.50%
7) Chloroethane-d5	1.68	69	250131	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.50%
11) 1,1-Dichloroethene-d2	2.27	63	459608	35.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.66%
21) 2-Butanone-d5	4.19	46	632032	108.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.30%
24) Chloroform-d	4.64	84	524356m	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
26) 1,2-Dichloroethane-d4	5.31	65	367022	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
32) Benzene-d6	5.34	84	1092660	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
36) 1,2-Dichloropropane-d6	6.32	67	380184	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.10%
41) Toluene-d8	7.56	98	887972	44.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.72%
43) trans-1,3-Dichloropropene-	7.85	79	150244	43.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.56%
47) 2-Hexanone-d5	8.31	63	377338	109.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	493702	46.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	280208	46.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.70%

Target Compounds					Ovalue
34) Trichloroethene	6.19	95	61932	9.390 ug/L	96
46) Tetrachloroethene	8.23	164	3186	0.709 ug/L	94

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

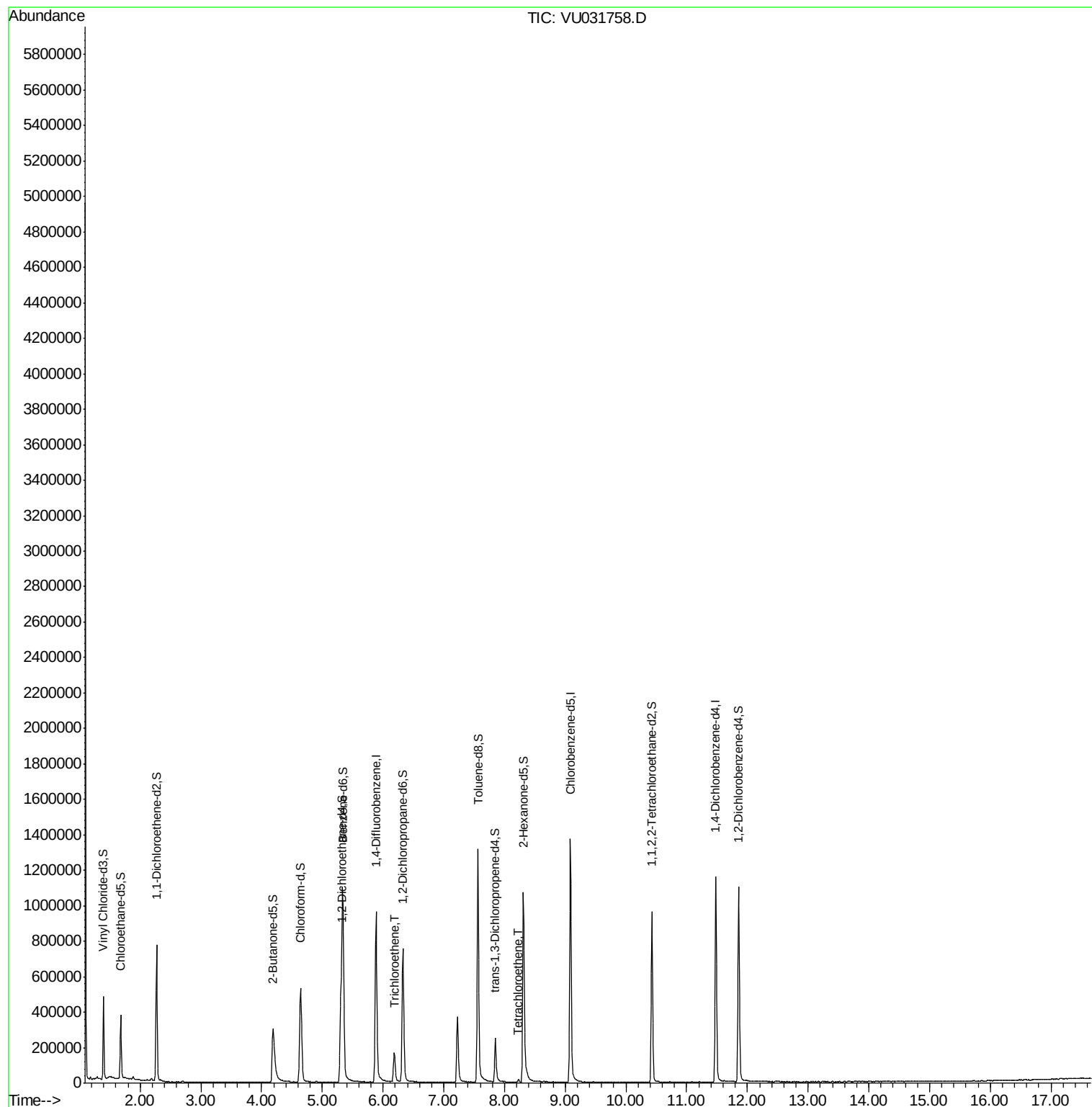
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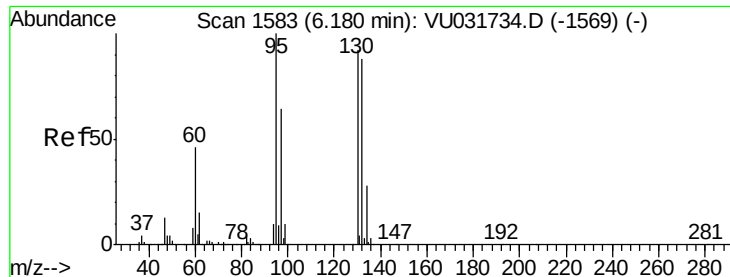
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#34

Trichloroethene

Concen: 9.390 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031758.D

Acq: 03 May 2019 18:23

Instrument :

MSVOA_U

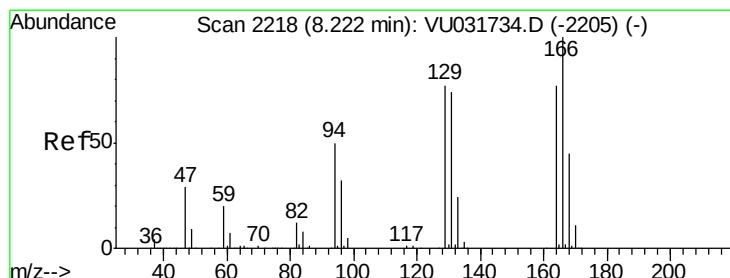
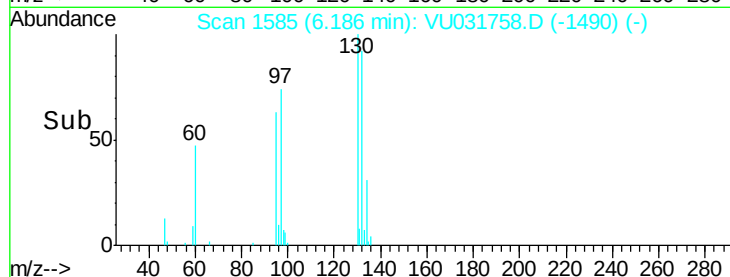
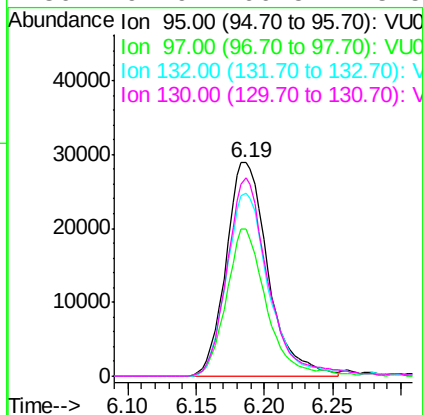
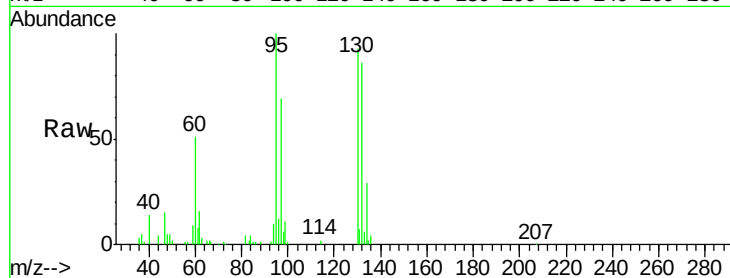
ClientSampled :

C0X89

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		61932		
97	69.0	44.8	83.2		
132	85.7	63.1	117.1		
130	92.9	66.5	123.5		

Manual Integrations
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5/6/2019 11:43:46 AM



#46

Tetrachloroethene

Concen: 0.709 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031758.D

Acq: 03 May 2019 18:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		3186		
129	88.4	71.5	132.9		
131	102.9	69.0	128.2		
166	133.1	93.7	173.9		

