

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031619\
 Data File : VU030105.D
 Acq On : 15 Mar 2019 12:54
 Operator : JC/SP
 Sample : K1936-20 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B5

Quant Time: Mar 16 00:39:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	493574	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	481408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110803	33.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.88%
7) Chloroethane-d5	1.68	69	105597	40.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.14%
11) 1,1-Dichloroethene-d2	2.27	63	172988	29.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.72%#
21) 2-Butanone-d5	4.17	46	279065	114.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.09%
24) Chloroform-d	4.65	84	283713	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
26) 1,2-Dichloroethane-d4	5.31	65	173617	51.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.64%
32) Benzene-d6	5.34	84	584209	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
36) 1,2-Dichloropropane-d6	6.33	67	192091	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.56	98	533031	45.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.88%
43) trans-1,3-Dichloropropene-	7.85	79	87894	47.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.68%
47) 2-Hexanone-d5	8.31	63	225377	106.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302449	51.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	233512	51.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.92%

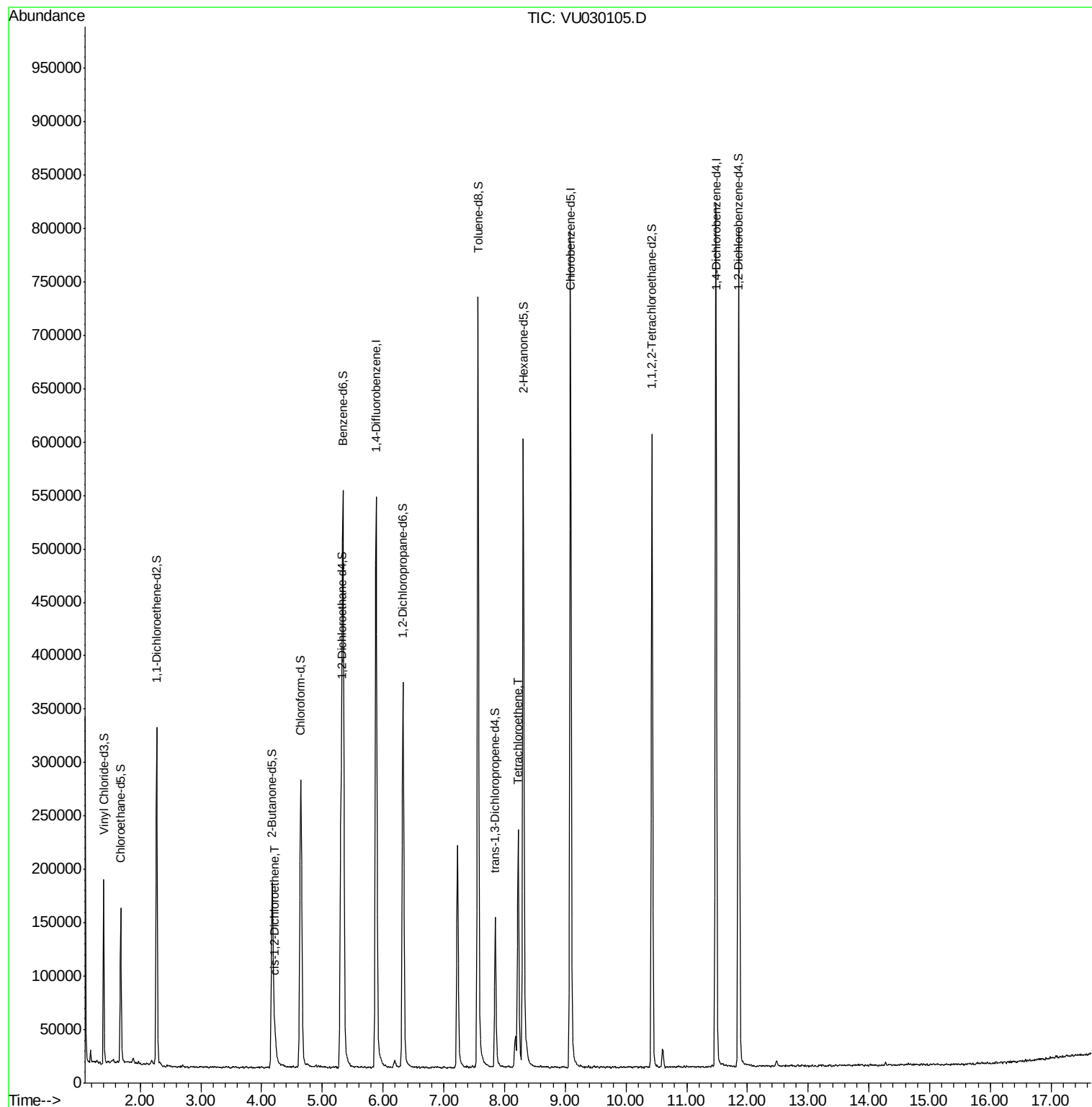
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	9184	2.395 ug/L	92
46) Tetrachloroethene	8.22	164	56358	17.837 ug/L	97

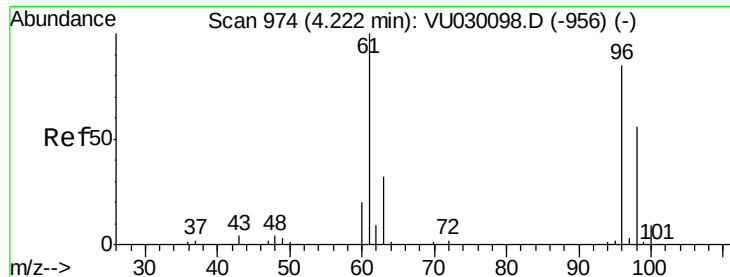
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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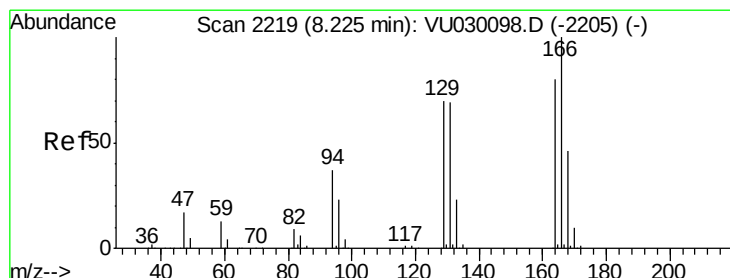
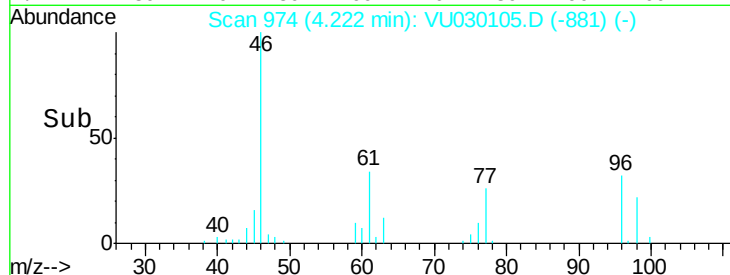
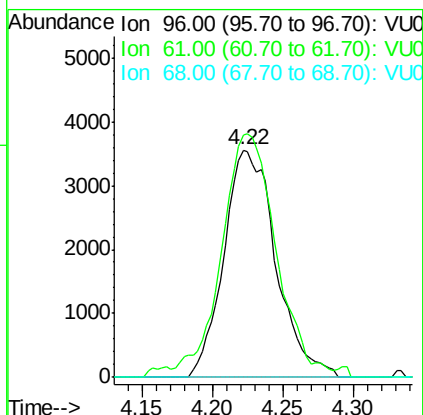
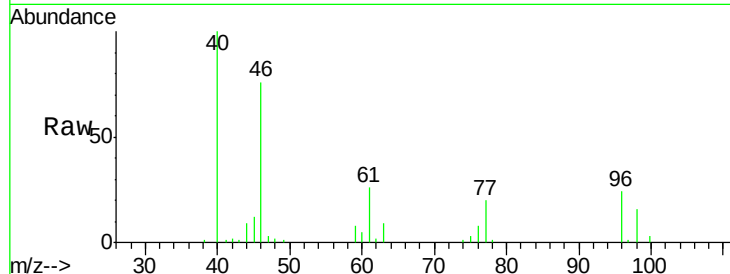




#20
 cis-1,2-Dichloroethene
 Concen: 2.395 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU030105.D
 Acq: 15 Mar 2019 12:54

Instrument :
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Tot Ion: 96 Resp: 9184
 Ion Ratio Lower Upper
 96 100
 61 106.8 80.8 150.2
 68 0.0 0.0 0.0



#46
 Tetrachloroethene
 Concen: 17.837 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: VU030105.D
 Acq: 15 Mar 2019 12:54

Tgt Ion: 164 Resp: 56358
 Ion Ratio Lower Upper
 164 100
 129 88.7 63.3 117.7
 131 86.2 62.0 115.2
 166 124.6 90.5 168.1

