

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\
 Data File : VU030147.D
 Acq On : 16 Mar 2019 16:09
 Operator : JC/SP
 Sample : K1936-03 10X
 Misc : 5.71/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF0W0

Quant Time: Mar 18 05:32:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 04:23:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	572973	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	567073	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	278436	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	138035	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.84%
7) Chloroethane-d5	1.67	69	119363	39.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.04%
11) 1,1-Dichloroethene-d2	2.27	63	193821	28.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.66%#
21) 2-Butanone-d5	4.17	46	252105	88.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.78%
24) Chloroform-d	4.64	84	278860	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.04%
26) 1,2-Dichloroethane-d4	5.31	65	173628	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
32) Benzene-d6	5.33	84	587011	40.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.42%
36) 1,2-Dichloropropane-d6	6.32	67	189948	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.04%
41) Toluene-d8	7.56	98	526767	38.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.08%#
43) trans-1,3-Dichloropropene-	7.85	79	84426	39.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.02%
47) 2-Hexanone-d5	8.31	63	217302	86.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.93%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303823	44.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	236025	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%

Target Compounds

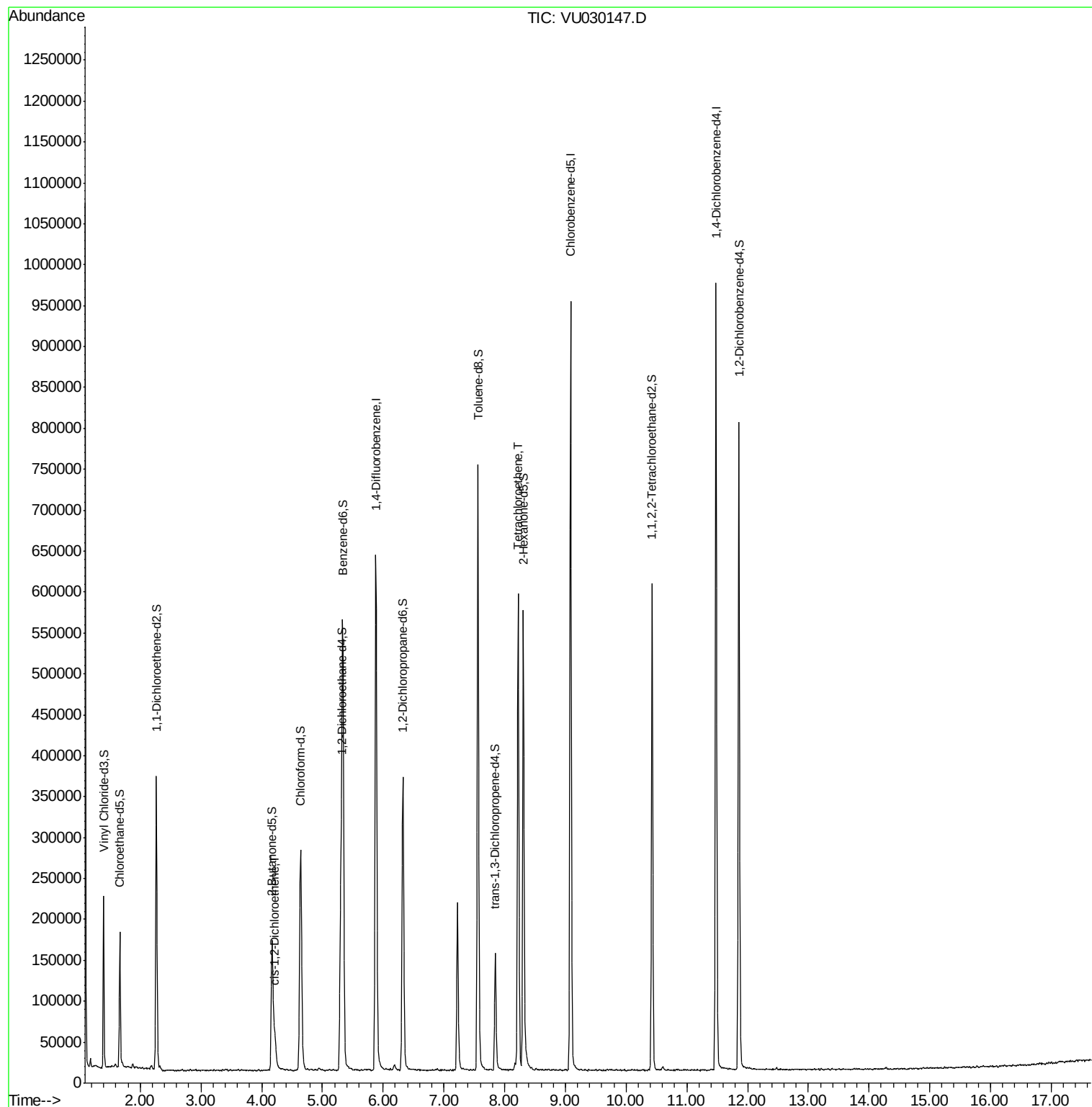
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	17515	3.934 ug/L	94
46) Tetrachloroethene	8.22	164	140989	37.881 ug/L	99

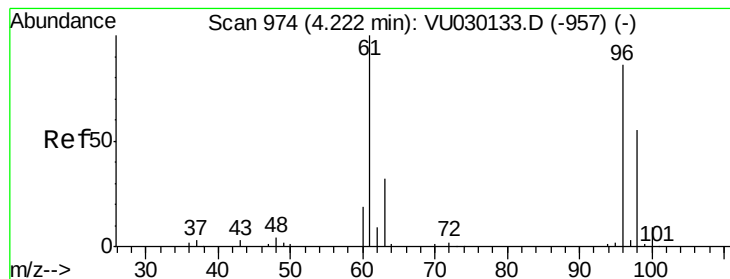
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 3.934 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU030147.D

Acq: 16 Mar 2019 16:09

Instrument :

MSVOA_U

ClientSampleId :

BF0W0

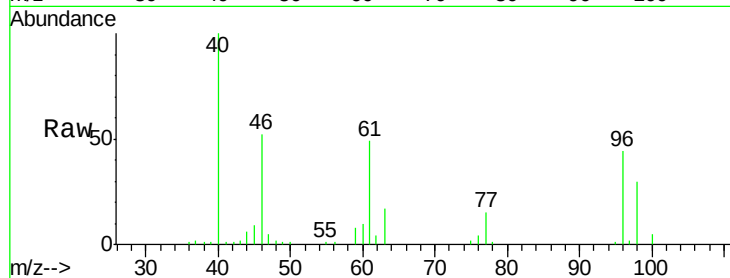
Tot Ion: 96 Resp: 17515

Ion Ratio Lower Upper

96 100

61 109.4 80.8 150.2

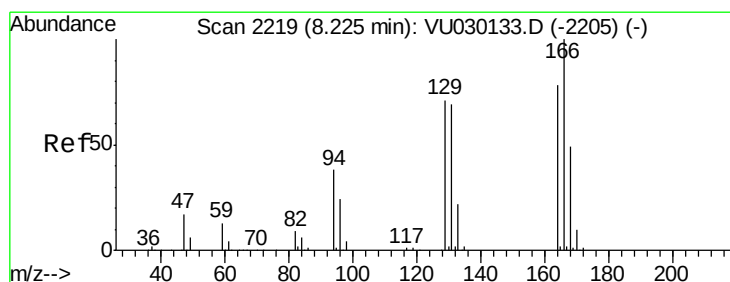
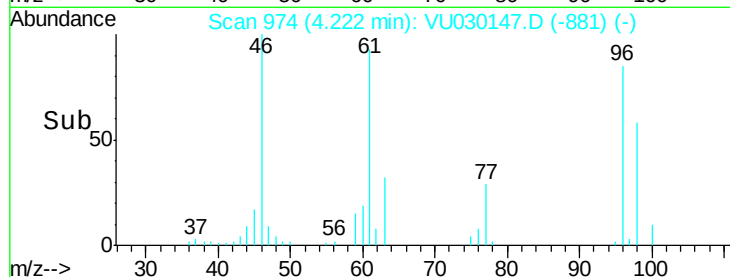
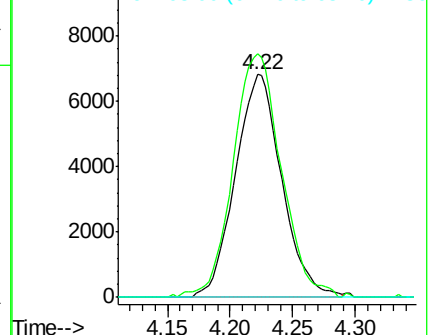
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030133.D (-957) (-)

Ion 61.00 (60.70 to 61.70): VU030133.D (-957) (-)

Ion 68.00 (67.70 to 68.70): VU030133.D (-957) (-)



#46

Tetrachloroethene

Concen: 37.881 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030147.D

Acq: 16 Mar 2019 16:09

Tgt Ion: 164 Resp: 140989

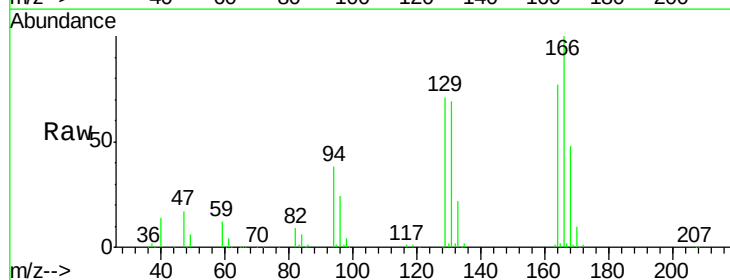
Ion Ratio Lower Upper

164 100

129 92.4 63.3 117.7

131 89.3 62.0 115.2

166 130.0 90.5 168.1



Abundance Ion 164.00 (163.70 to 164.70): VU030133.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU030133.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU030133.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU030133.D (-2205) (-)

