

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030021.D
 Acq On : 13 Mar 2019 11:18
 Operator : JC/SP
 Sample : K1763-06 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0961

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 9:24:56 AM

Quant Time: Mar 14 02:20:33 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Mar 14 01:36:14 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	475753	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	462720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	217724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	147231	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.58%
7) Chloroethane-d5	1.68	69	125346	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.68%
11) 1,1-Dichloroethene-d2	2.27	63	207840m	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.17	46	226734	96.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.17%
24) Chloroform-d	4.65	84	271999	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
26) 1,2-Dichloroethane-d4	5.31	65	164671	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
32) Benzene-d6	5.34	84	599415	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
36) 1,2-Dichloropropane-d6	6.33	67	183882	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.88%
41) Toluene-d8	7.56	98	542545	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%
43) trans-1,3-Dichloropropene-	7.85	79	84266	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.44%
47) 2-Hexanone-d5	8.31	63	198867	97.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	269732	48.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	215391	51.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.14%

Target Compounds					Qvalue
16) Methylene chloride	2.70	84	212229	60.274 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	6891	1.864 ug/L	86
34) Trichloroethene	6.18	95	277820	80.057 ug/L	99

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

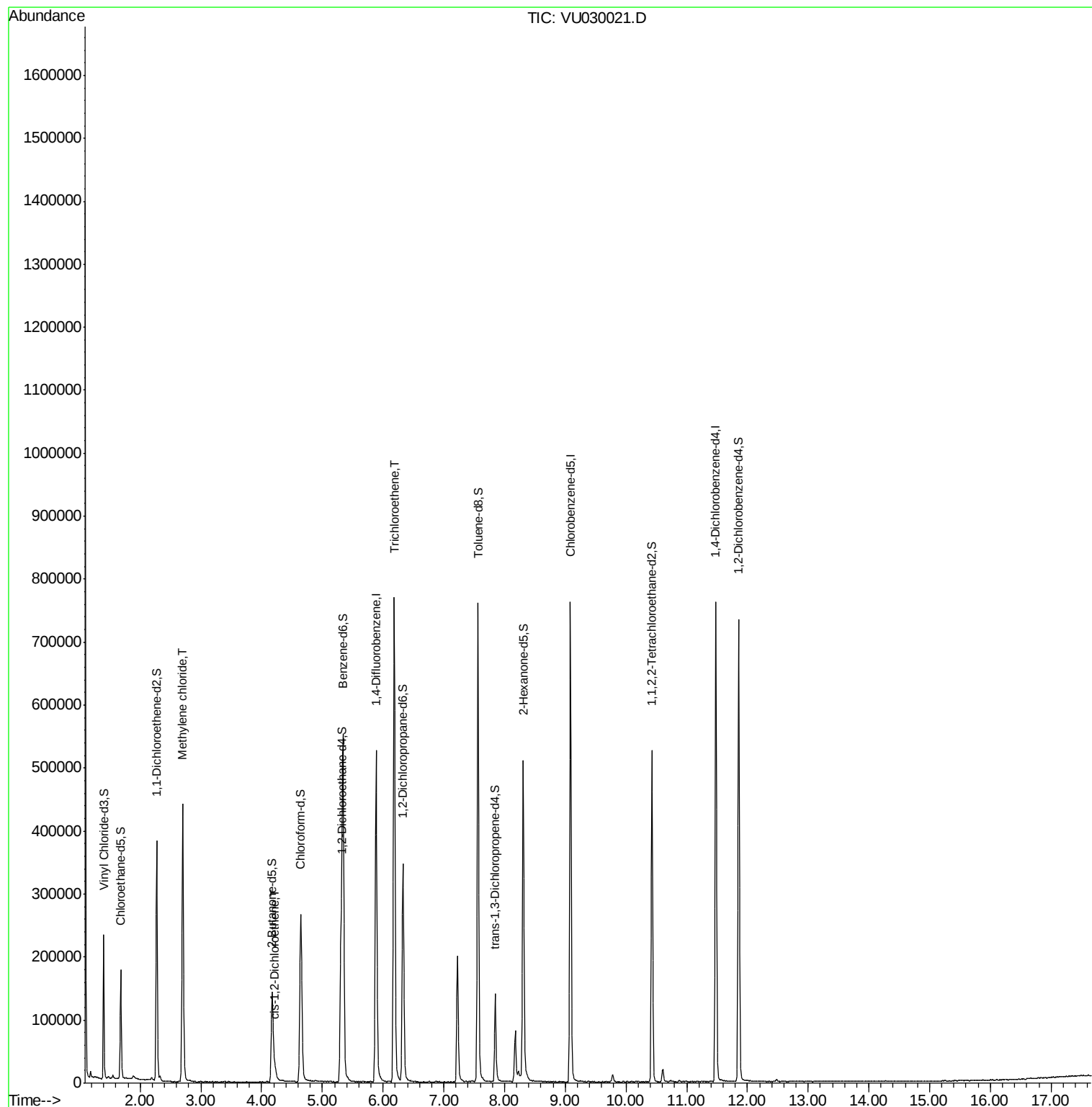
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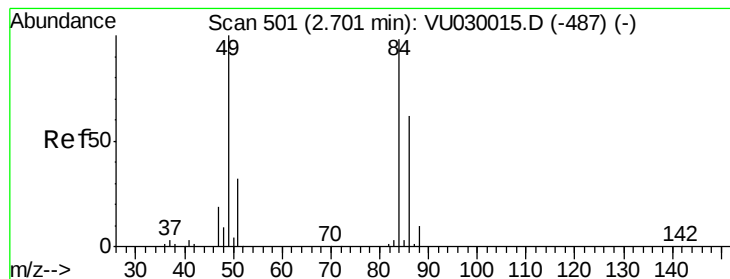
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#16

Methylene chloride

Concen: 60.274 ug/L

RT: 2.70 min Scan# 501

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

C0961

Tgt Ion: 84 Resp: 212229

Ion Ratio Lower Upper

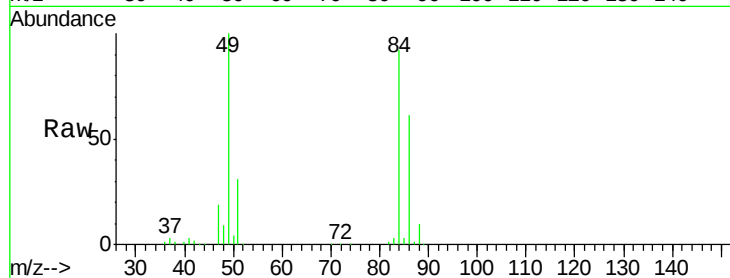
84 100

86 65.7 45.2 84.0

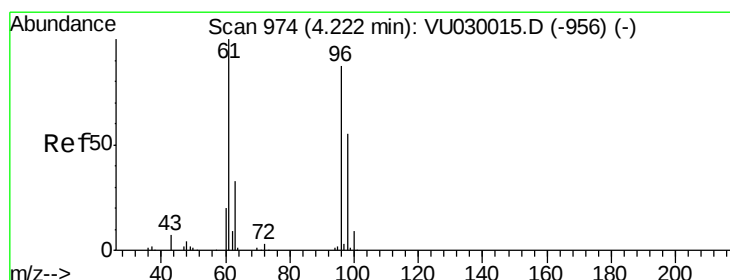
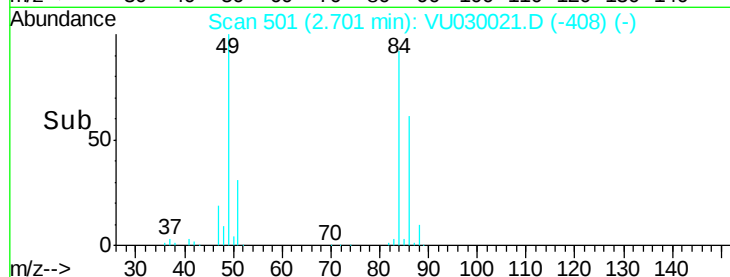
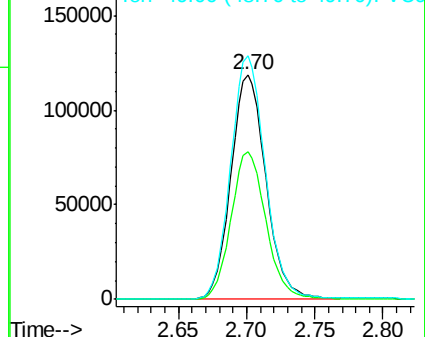
49 108.4 73.6 136.6

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Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 1.864 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU030021.D

Acq: 13 Mar 2019 11:18

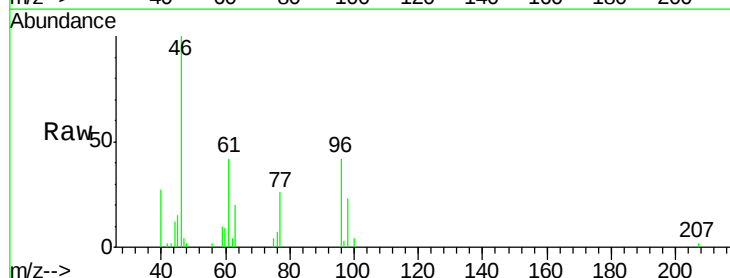
Tgt Ion: 96 Resp: 6891

Ion Ratio Lower Upper

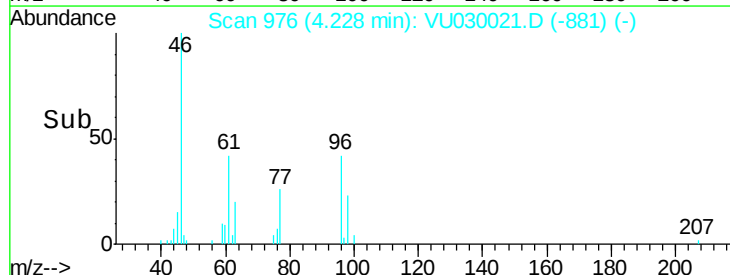
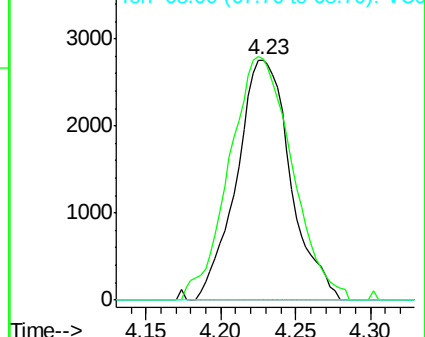
96 100

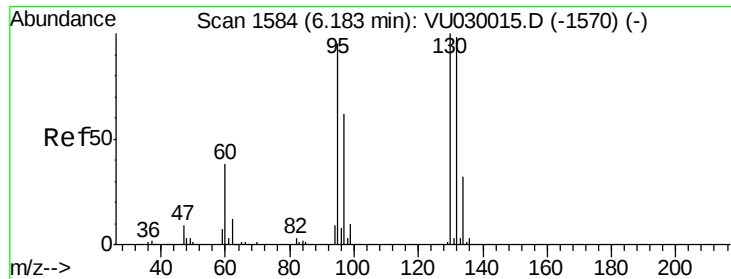
61 100.1 80.8 150.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#34
 Trichloroethene
 Concen: 80.057 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
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Tgt Ion:	95	Resp:	277820
Ion Ratio	Lower	Upper	
95	100		
97	65.6	45.5	84.5
132	100.5	71.5	132.7
130	105.5	73.5	136.5

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