

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030734.D
 Acq On : 05 Apr 2019 11:37
 Operator : JC/SP
 Sample : K2271-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB7C7

Manual Integrations
 APPROVED

MMDadoda

4/6/2019 11:08:13 AM

Quant Time: Apr 08 12:28:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	440161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	437560	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181207	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	192502	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.98%
7) Chloroethane-d5	1.68	69	151275	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.46%
11) 1,1-Dichloroethene-d2	2.27	63	270554	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.14%
21) 2-Butanone-d5	4.17	46	330164	106.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.02%
24) Chloroform-d	4.64	84	293666	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
26) 1,2-Dichloroethane-d4	5.31	65	211718	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
32) Benzene-d6	5.34	84	628648	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
36) 1,2-Dichloropropane-d6	6.32	67	222852	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.82%
41) Toluene-d8	7.56	98	540433	47.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.46%
43) trans-1,3-Dichloropropene-	7.85	79	96308	48.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.50%
47) 2-Hexanone-d5	8.31	63	195147	97.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286899	48.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	181694	50.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.96%

Target Compounds					Ovalue
13) Acetone	2.31	43	6622	2.078 ug/L	94
20) cis-1,2-Dichloroethene	4.23	96	2657m	0.745 ug/L	
34) Trichloroethene	6.18	95	366269	104.292 ug/L	99

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

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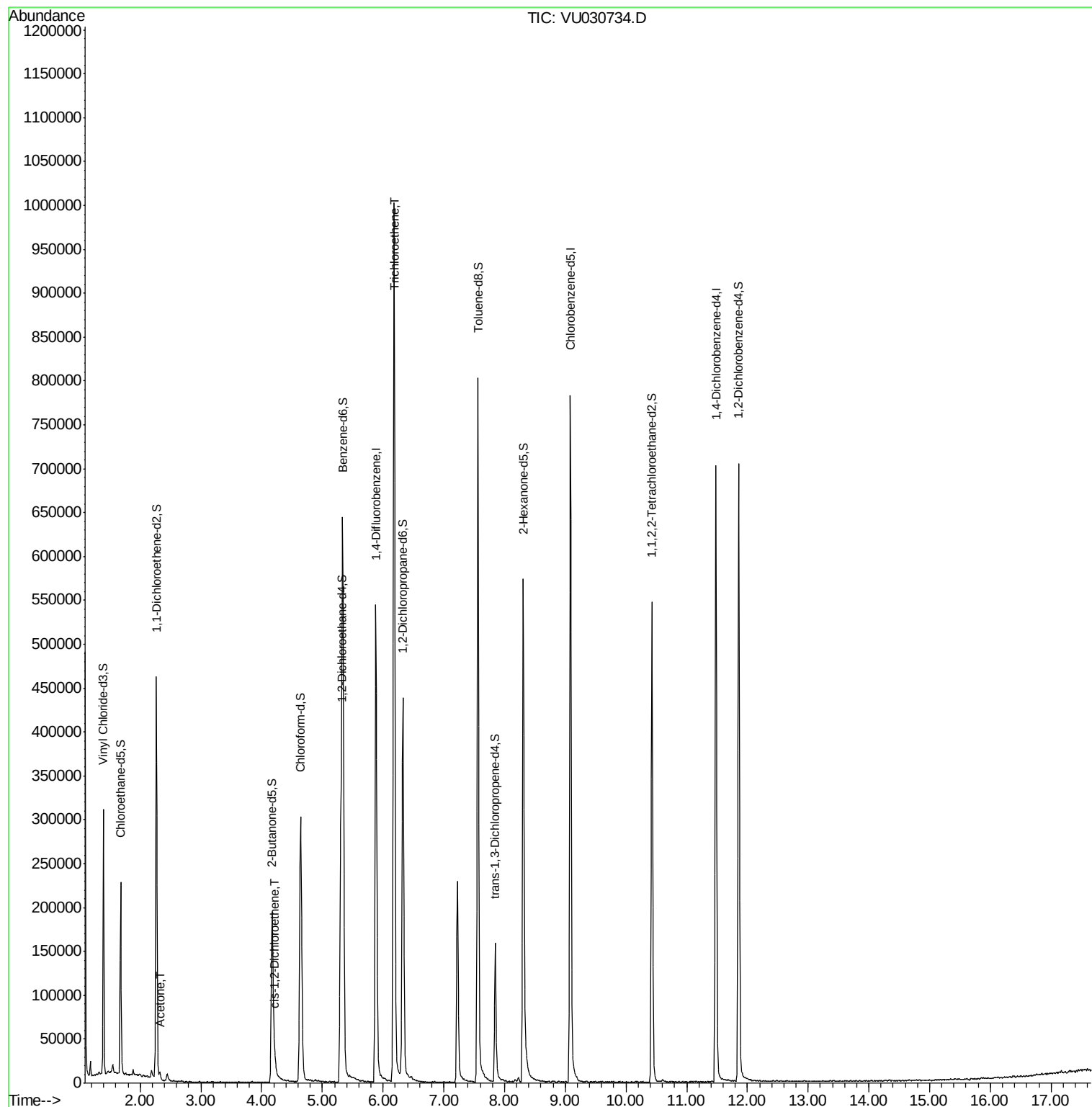
Instrument :
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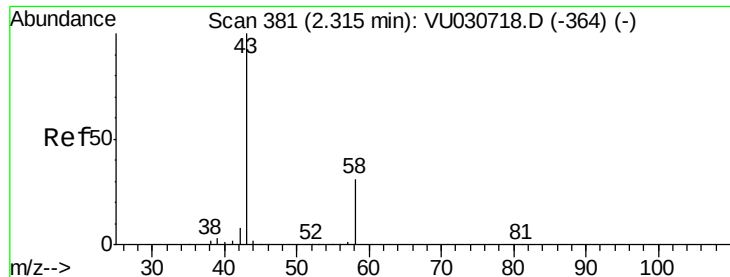
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#13

Acetone

Concen: 2.078 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU030734.D

Acq: 05 Apr 2019 11:37

Instrument :

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ClientSampleId :

DB7C7

Tot Ion: 43 Resp: 6622

Ion Ratio Lower Upper

43 100

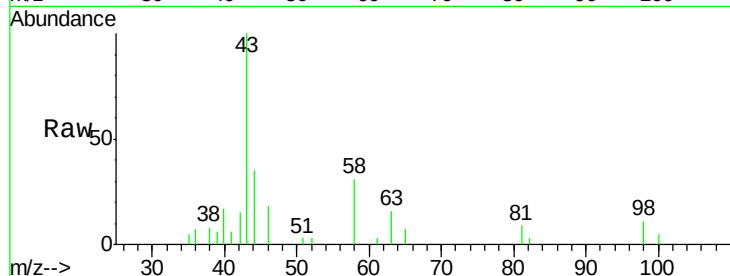
58 28.5 0.0 64.0

Manual Integrations

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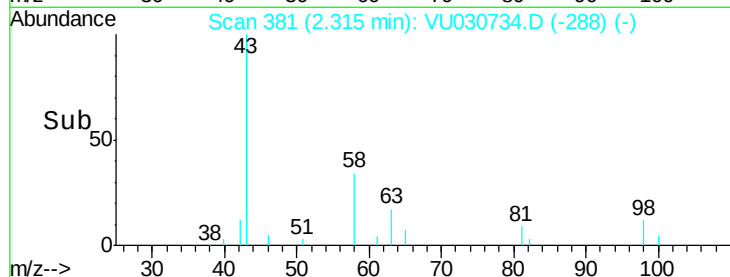
4/6/2019 11:08:13 AM



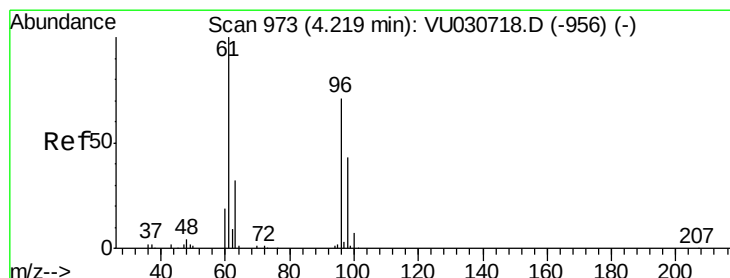
Abundance Ion 43.00 (42.70 to 43.70): VU030734.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU030734.D (-288) (-)

Time-->



Time-->



#20

cis-1,2-Dichloroethene

Concen: 0.745 ug/L m

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU030734.D

Acq: 05 Apr 2019 11:37

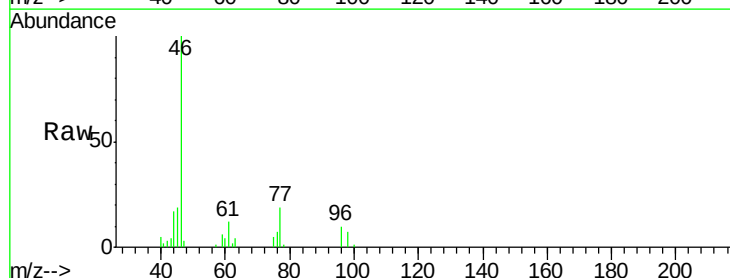
Tgt Ion: 96 Resp: 2657

Ion Ratio Lower Upper

96 100

61 127.2 102.9 191.1

68 0.0 0.0 0.0

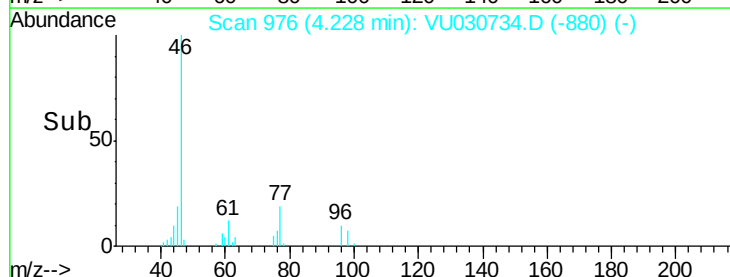


Abundance Ion 96.00 (95.70 to 96.70): VU030734.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU030734.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU030734.D (-880) (-)

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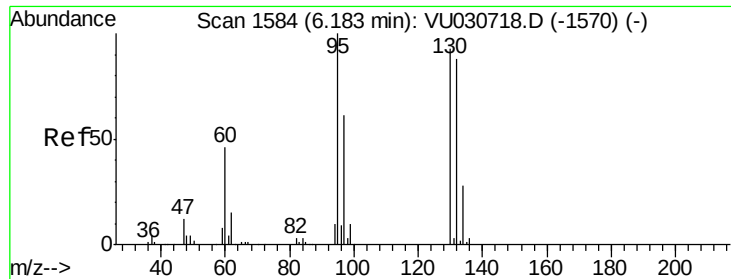
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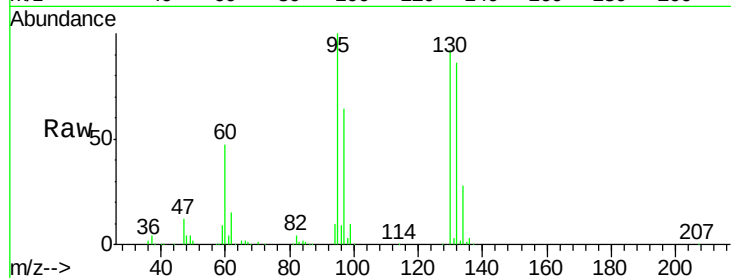
Time-->

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#34
 Trichloroethene
 Concen: 104.292 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	366269		
97	64.2		44.5	82.7
132	86.3		61.5	114.1
130	92.4		64.9	120.5

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