

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031770.D
 Acq On : 06 May 2019 11:16
 Operator : JC/SP
 Sample : K2694-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHG0

Manual Integrations
 APPROVED

MMDadoda
 5/7/2019 10:41:28 AM

Quant Time: May 07 09:09:53 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M

Quant Title : VOC Analysis

QLast Update : Tue May 07 08:38:32 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	701626	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	689454	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	300615	51.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.38%
7) Chloroethane-d5	1.68	69	238535	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.14%
11) 1,1-Dichloroethene-d2	2.27	63	445047	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
21) 2-Butanone-d5	4.18	46	662899	124.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.60%
24) Chloroform-d	4.64	84	552387	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
26) 1,2-Dichloroethane-d4	5.31	65	385957	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.86%
32) Benzene-d6	5.34	84	1062561	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%
36) 1,2-Dichloropropane-d6	6.32	67	389455	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.58%
41) Toluene-d8	7.56	98	841556	45.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.28%
43) trans-1,3-Dichloropropene-	7.85	79	157668	49.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.62%
47) 2-Hexanone-d5	8.31	63	372176	115.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	515675	51.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	276112	51.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.26%

Target Compounds					Ovalue
13) Acetone	2.34	43	10317	1.722 ug/L	84
20) cis-1,2-Dichloroethene	4.23	96	3646m	0.596 ug/L	
34) Trichloroethene	6.19	95	4978	0.810 ug/L	84

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

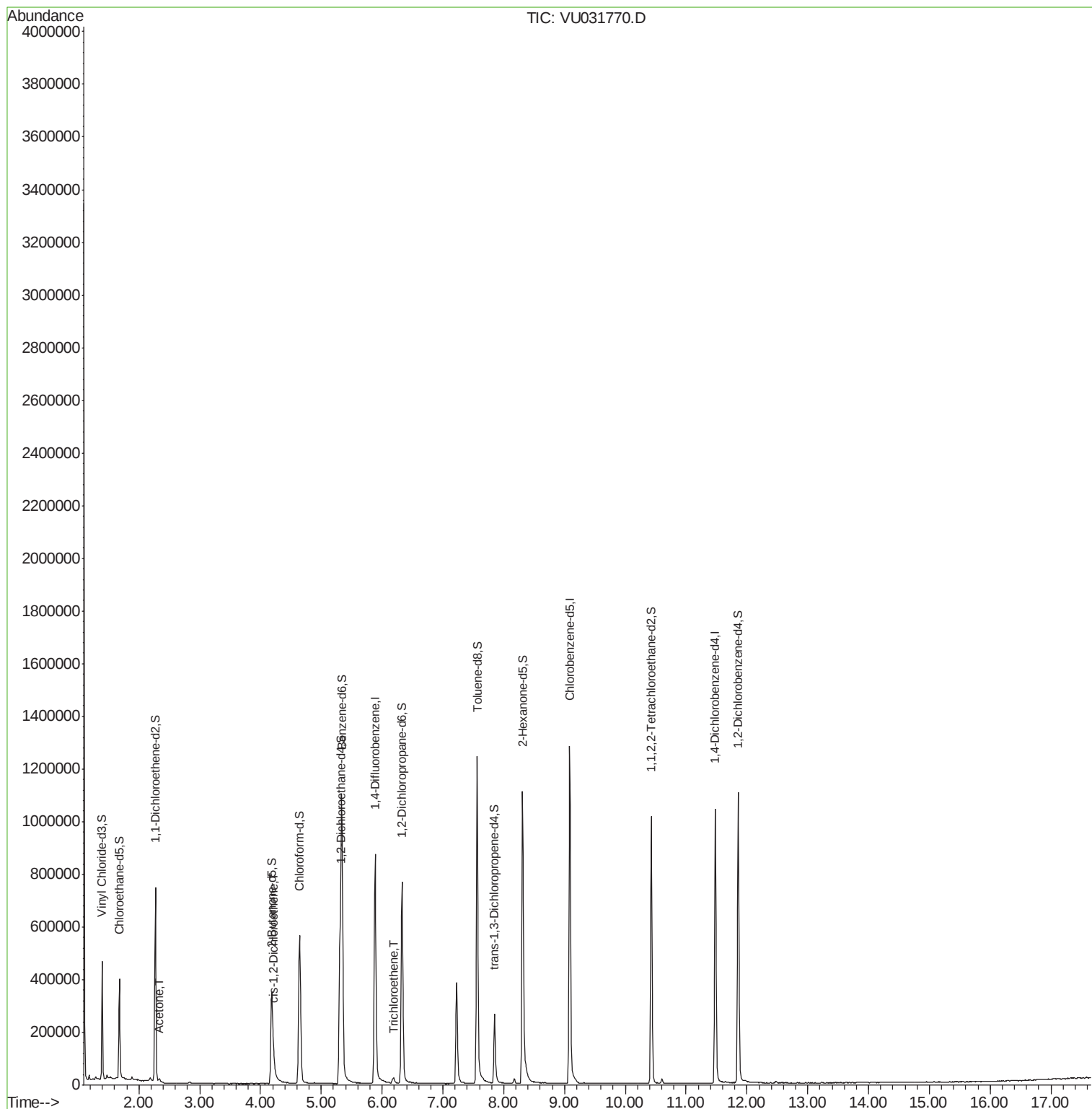
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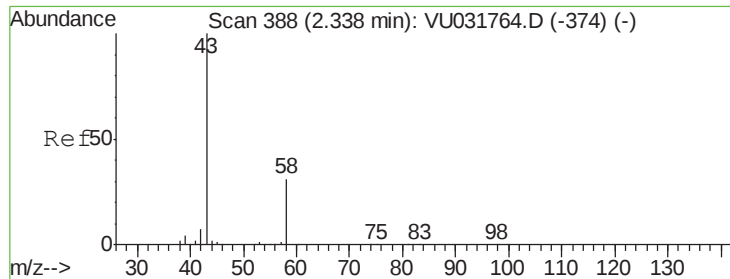
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#13

Acetone

Concen: 1.722 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031770.D

Acq: 06 May 2019 11:16

Instrument :

MSVOA_U

ClientSampleId :

BFHG0

Tot Ion: 43 Resp: 10317

Ion Ratio Lower Upper

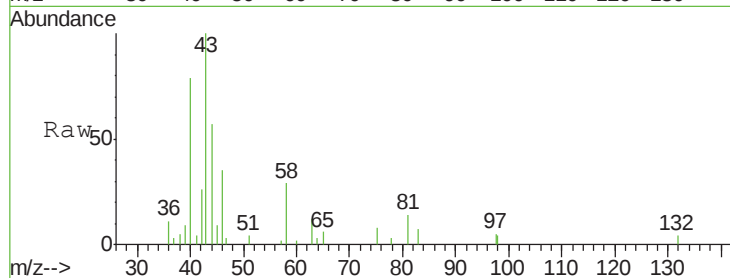
43 100

58 23.4 0.0 64.4

Manual Integrations
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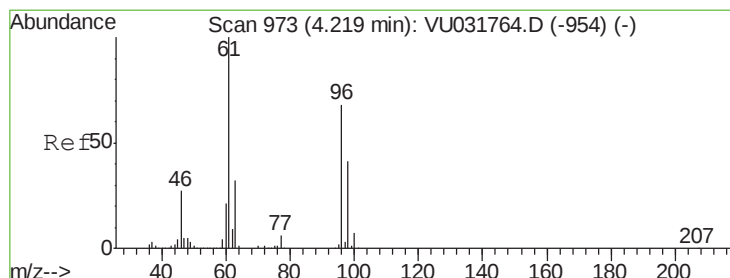
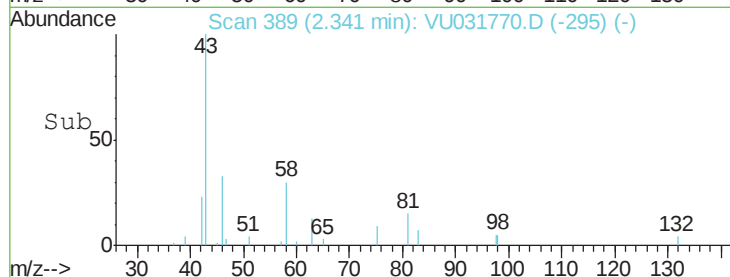


Abundance Ion 43.00 (42.70 to 43.70): VU031770.D (-295) (-)

Ion 58.00 (57.70 to 58.70): VU031770.D (-295) (-)

2.34

Time-->



#20

cis-1,2-Dichloroethene

Concen: 0.596 ug/L m

RT: 4.23 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031770.D

Acq: 06 May 2019 11:16

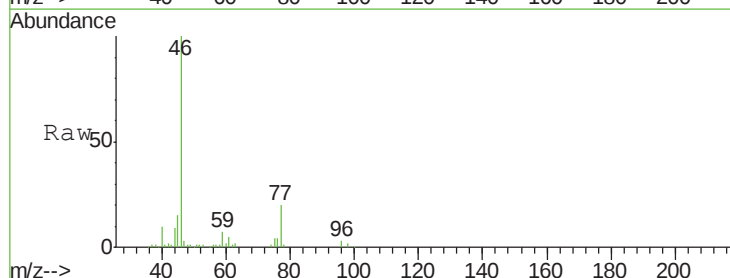
Tgt Ion: 96 Resp: 3646

Ion Ratio Lower Upper

96 100

61 171.7 99.5 184.7

68 0.0 0.0 0.0



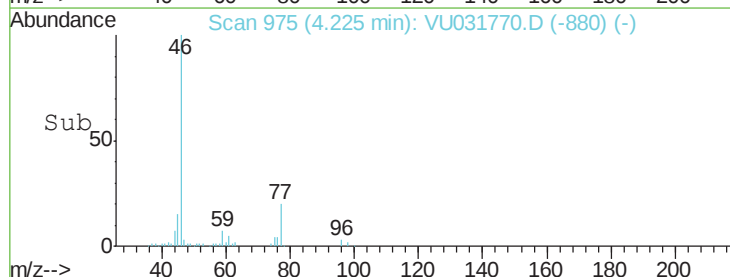
Abundance Ion 96.00 (95.70 to 96.70): VU031770.D (-880) (-)

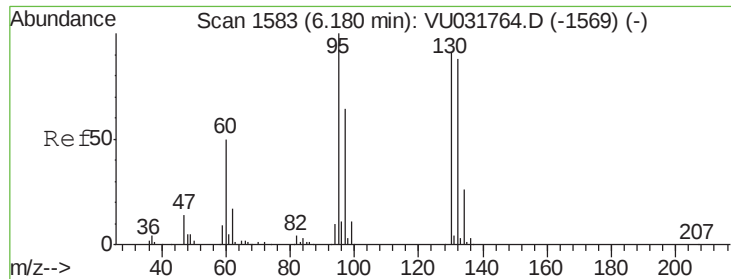
Ion 61.00 (60.70 to 61.70): VU031770.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU031770.D (-880) (-)

4.23

Time-->





#34
 Trichloroethene
 Concen: 0.810 ug/L
 RT: 6.19 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VU031770.D
 Acq: 06 May 2019 11:16

Instrument :
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Tot Ion	Ion	Ratio	Lower	Upper
95	100			
97	67.5	44.8	83.2	
132	80.5	63.1	117.1	
130	66.5	66.5	123.5	

Manual Integrations
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