

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031782.D
 Acq On : 06 May 2019 15:56
 Operator : JC/SP
 Sample : K2694-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHG4

Manual Integrations
 APPROVED

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 5/7/2019 5:15:06 PM

Quant Time: May 07 09:40:26 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	642863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	622723	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	229495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	249456	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.72%
7) Chloroethane-d5	1.68	69	203178	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.74%
11) 1,1-Dichloroethene-d2	2.27	63	382185m	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	4.18	46	600665	123.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.22%
24) Chloroform-d	4.64	84	492262	49.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.92%
26) 1,2-Dichloroethane-d4	5.31	65	348008	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.12%
32) Benzene-d6	5.34	84	910372	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
36) 1,2-Dichloropropane-d6	6.33	67	348391	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.58%
41) Toluene-d8	7.56	98	706469	42.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.84%
43) trans-1,3-Dichloropropene-	7.85	79	131282	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.31	63	333238	114.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	475986	52.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.44%
64) 1,2-Dichlorobenzene-d4	11.85	152	231886	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

Target Compounds					Ovalue
13) Acetone	2.34	43	18071	3.291 ug/L	62
20) cis-1,2-Dichloroethene	4.23	96	13013	2.321 ug/L	83
34) Trichloroethene	6.19	95	20352	3.667 ug/L	86

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

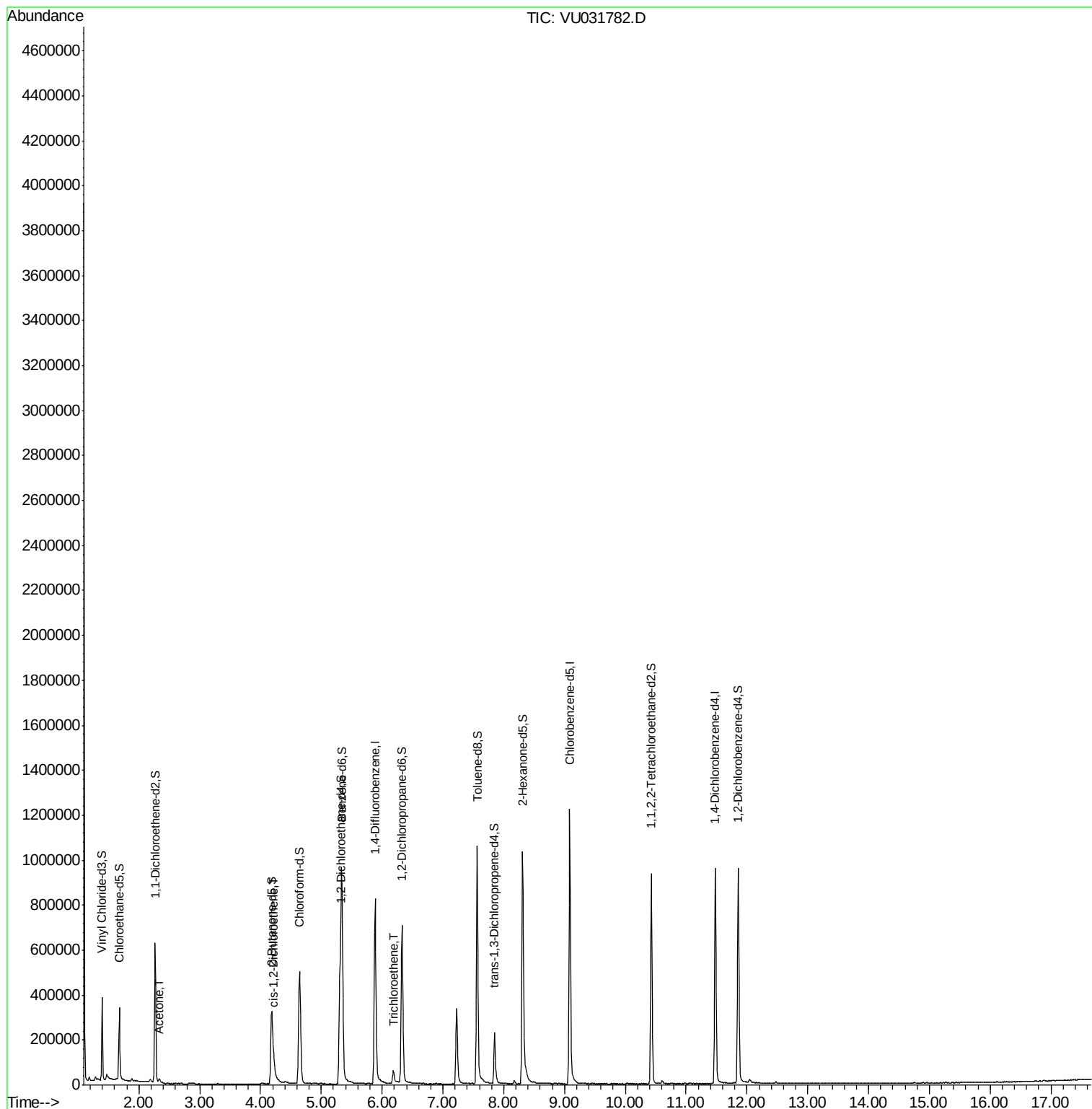
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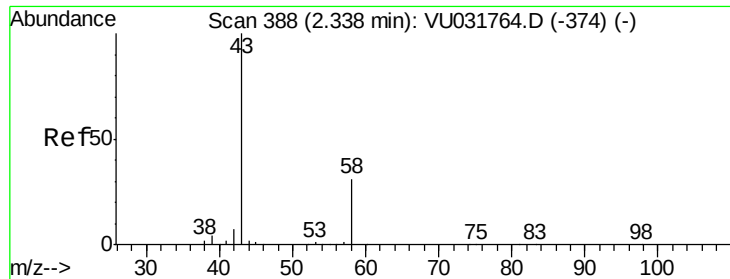
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#13

Acetone

Concen: 3.291 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU031782.D

Acq: 06 May 2019 15:56

Instrument :

MSVOA_U

ClientSampled :

BFHG4

Tot Ion: 43 Resp: 18071

Ion Ratio Lower Upper

43 100

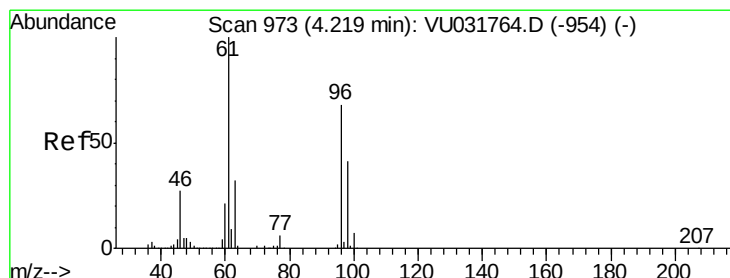
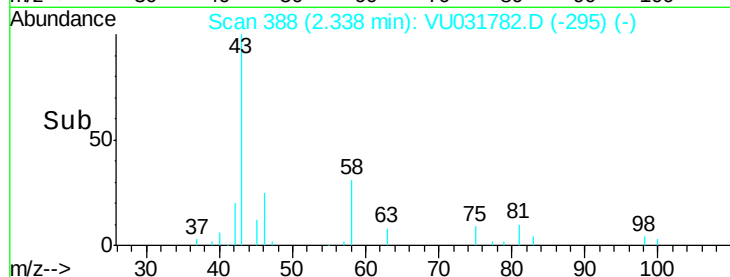
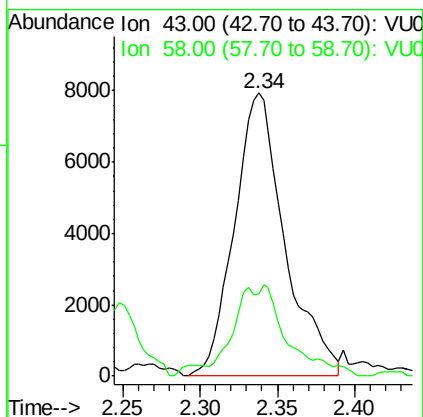
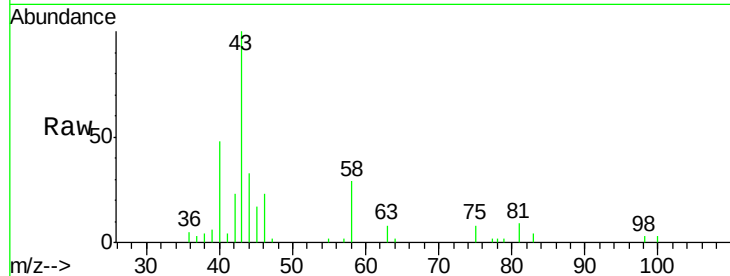
58 11.0 0.0 64.4

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 2.321 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU031782.D

Acq: 06 May 2019 15:56

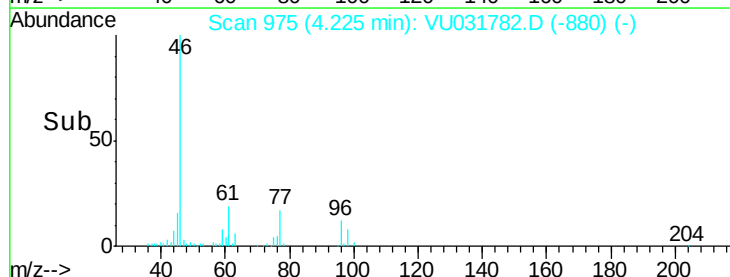
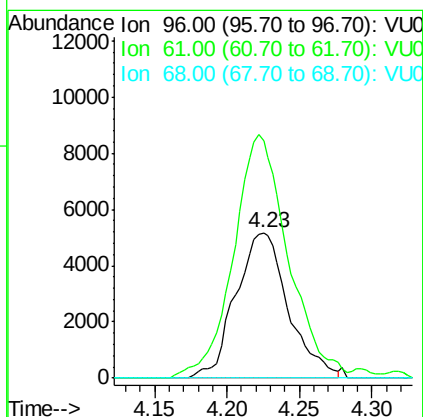
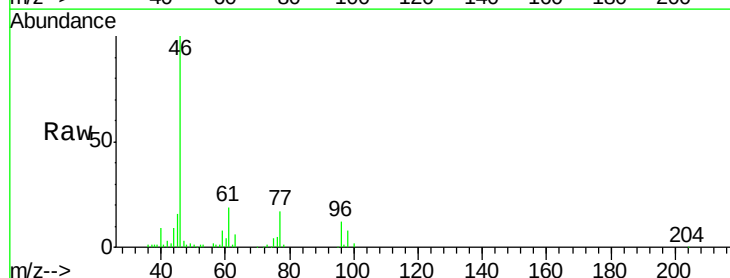
Tgt Ion: 96 Resp: 13013

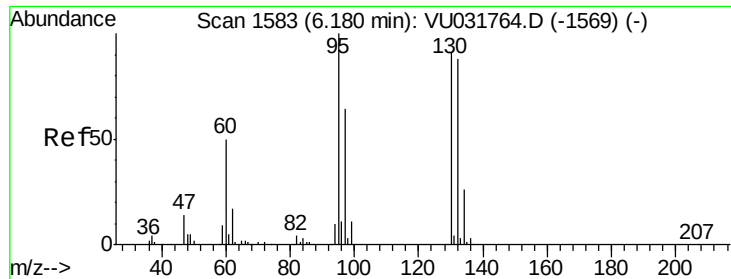
Ion Ratio Lower Upper

96 100

61 163.3 99.5 184.7

68 0.0 0.0 0.0





#34
 Trichloroethene
 Concen: 3.667 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
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Tot Ion	Ratio	Resp Lower	Resp Upper
95	100		
97	59.6	44.8	83.2
132	65.8	63.1	117.1
130	87.6	66.5	123.5

Manual Integrations
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