

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U060920\
 Data File : VU038688.D
 Acq On : 08 Jun 2020 23:38
 Operator : SY/MD
 Sample : L2896-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H9

Manual Integrations
 APPROVED

MMDadoda
 6/10/2020 11:24:02 AM

Quant Time: Jun 09 07:11:20 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Jun 09 06:12:02 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	432696	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	424444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	189422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	202774	83.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	167.76%#
7) Chloroethane-d5	1.93	69	145446	77.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	155.12%#
11) 1,1-Dichloroethene-d2	2.59	63	296068	56.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.38%
21) 2-Butanone-d5	4.67	46	361721	153.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	153.80%#
24) Chloroform-d	5.10	84	364229	69.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	139.76%#
26) 1,2-Dichloroethane-d4	5.74	65	247352	71.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.20%#
32) Benzene-d6	5.76	84	753455	73.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	147.38%#
36) 1,2-Dichloropropane-d6	6.72	67	228915	72.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	145.30%#
41) Toluene-d8	7.92	98	652402	70.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	141.22%#
43) trans-1,3-Dichloropropene-	8.20	79	108904	68.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	137.30%#
47) 2-Hexanone-d5	8.65	63	261547	155.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	155.94%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	330276	70.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	140.54%#
64) 1,2-Dichlorobenzene-d4	12.20	152	256839	78.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	156.20%#

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	1752516	506.245 ug/L	99
13) Acetone	2.66	43	3050m	1.609 ug/L	
17) trans-1,2-Dichloroethene	3.39	96	18108	6.042 ug/L	96
20) cis-1,2-Dichloroethene	4.71	96	2994286	903.800 ug/L	97
34) Trichloroethene	6.57	95	39622	12.360 ug/L	95

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

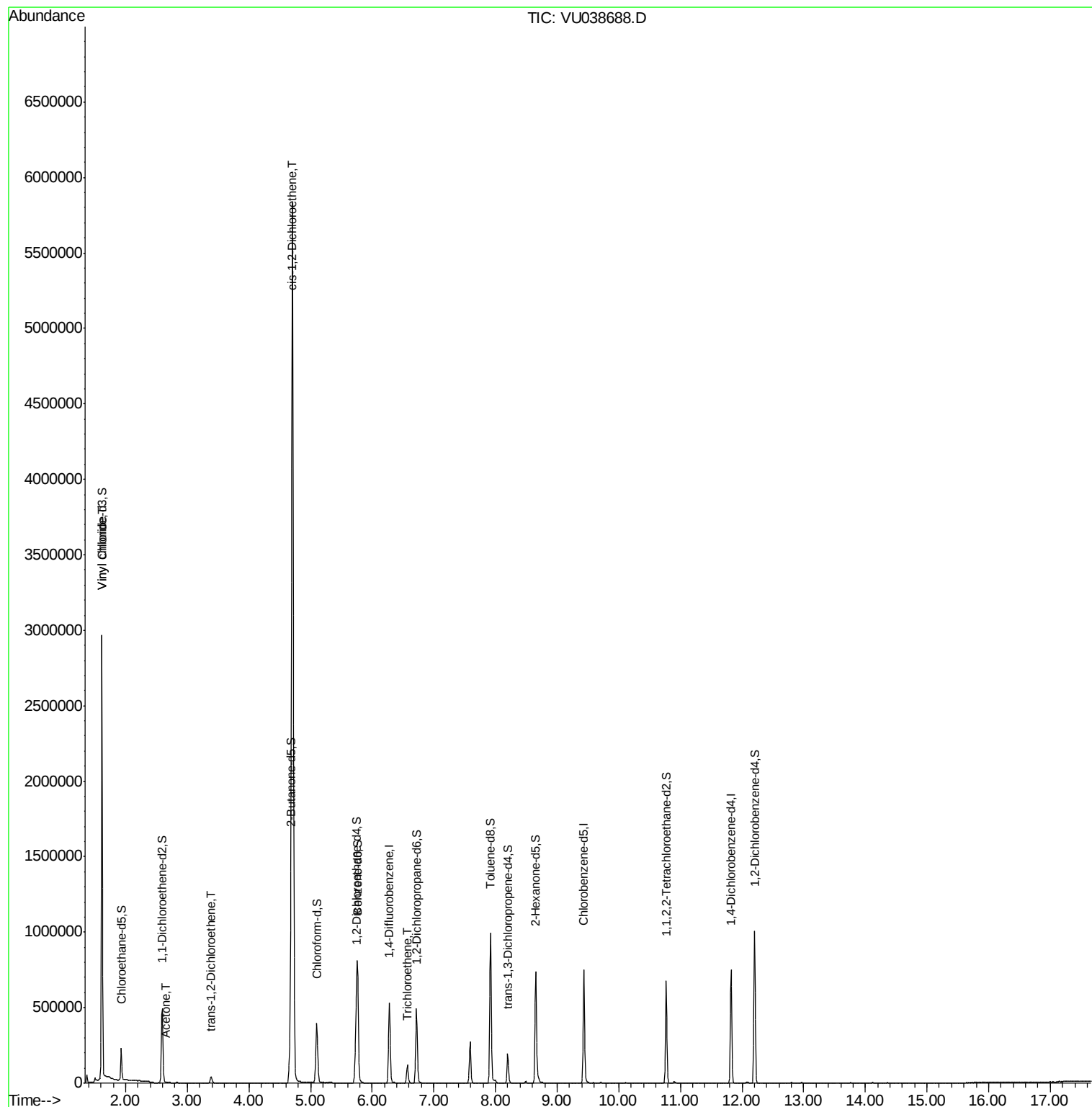
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
Data File : VU038688.D
Acq On : 08 Jun 2020 23:38
Operator : SY/MD
Sample : L2896-10
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

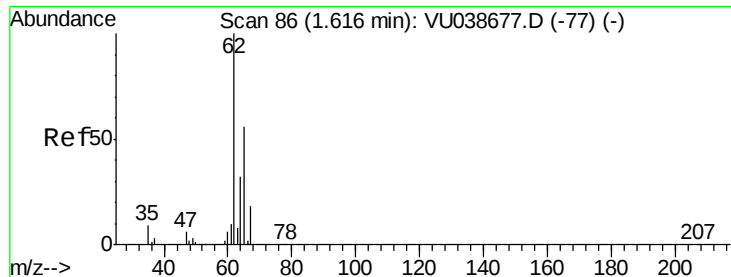
Instrument :
MSVOA_U
ClientSampleId :
EW0H9

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Quant Time: Jun 09 07:11:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 09 06:12:02 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 506.245 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038688.D

Acq: 08 Jun 2020 23:38

Instrument :

MSVOA_U

ClientSampleId :

EW0H9

Tot Ion: 62 Resp: 1752516

Ion Ratio Lower Upper

62 100

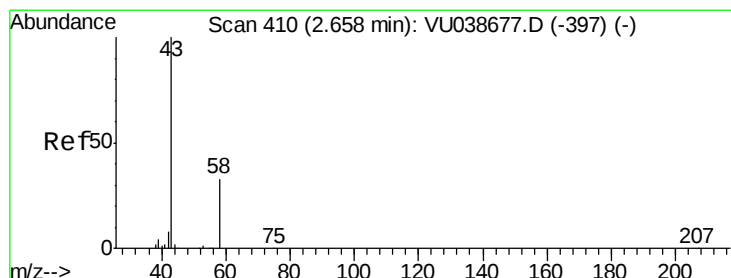
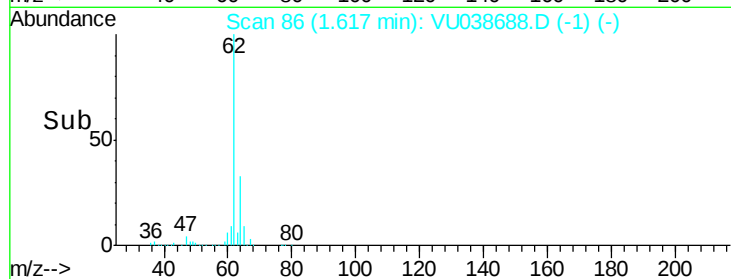
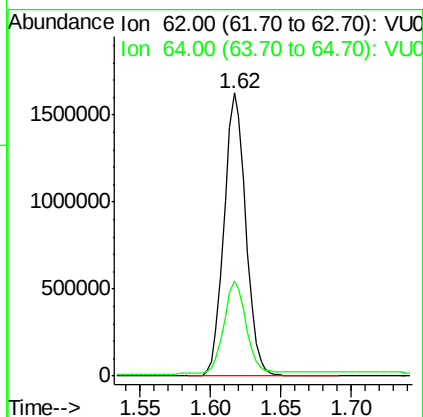
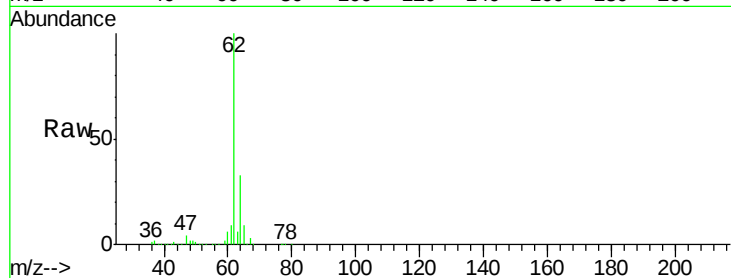
64 33.5 23.0 42.8

Manual Integrations

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#13

Acetone

Concen: 1.609 ug/L m

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU038688.D

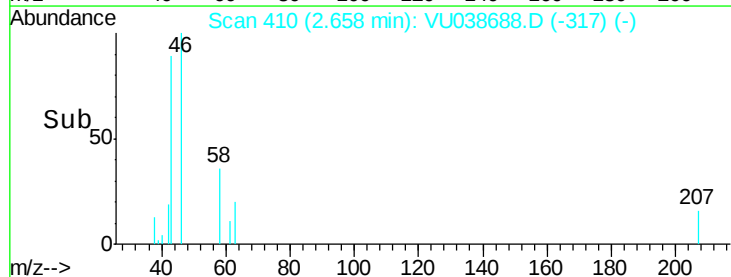
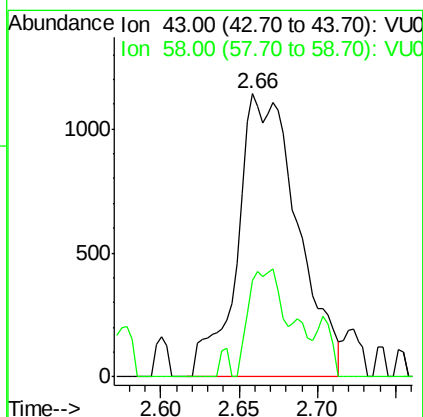
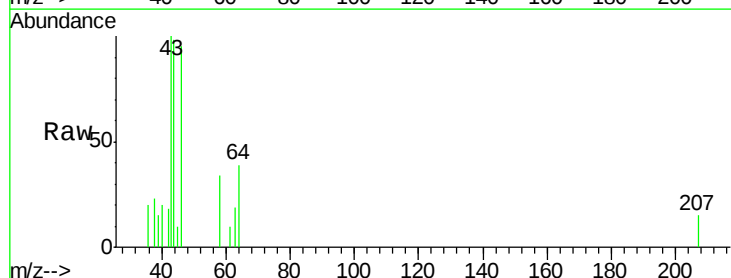
Acq: 08 Jun 2020 23:38

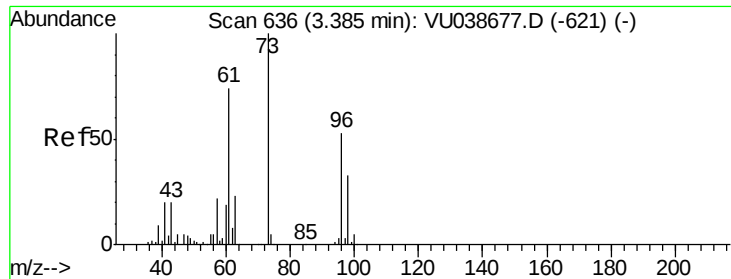
Tgt Ion: 43 Resp: 3050

Ion Ratio Lower Upper

43 100

58 10.2 0.0 67.6





#17

trans-1,2-Dichloroethene

Concen: 6.042 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

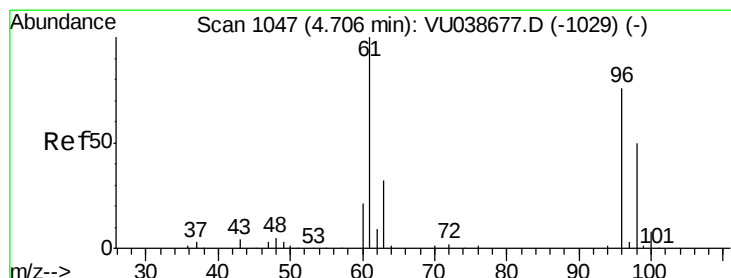
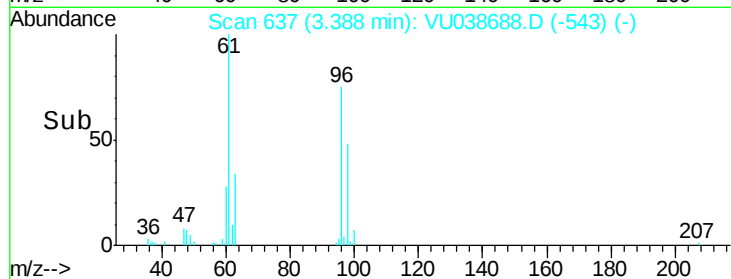
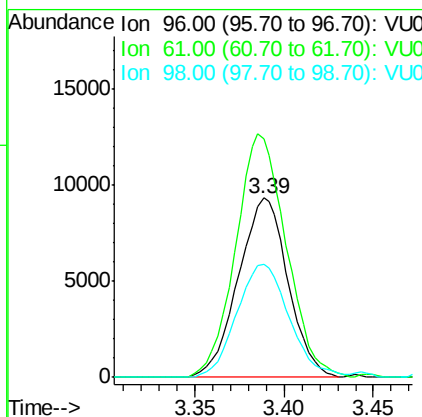
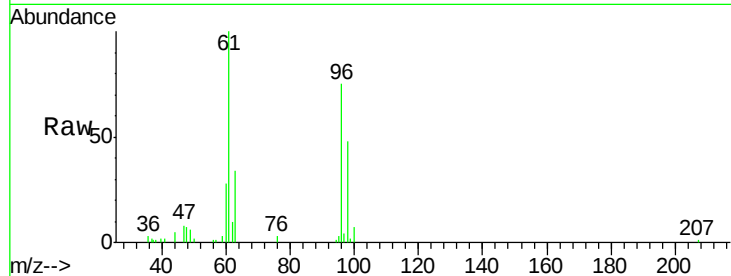
ClientSampleId :

EW0H9

Tot Ion:	96	Resp:	18108
Ion	Ratio	Lower	Upper
96	100		
61	133.1	98.2	182.4
98	63.3	44.3	82.3

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#20

cis-1,2-Dichloroethene

Concen: 903.800 ug/L

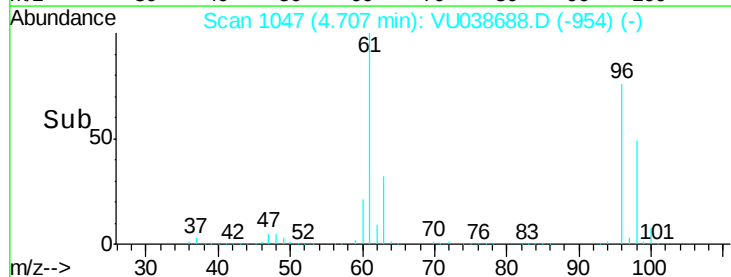
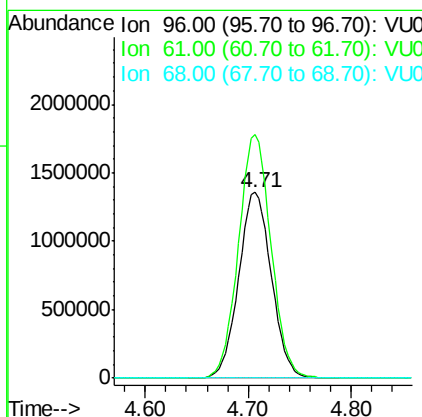
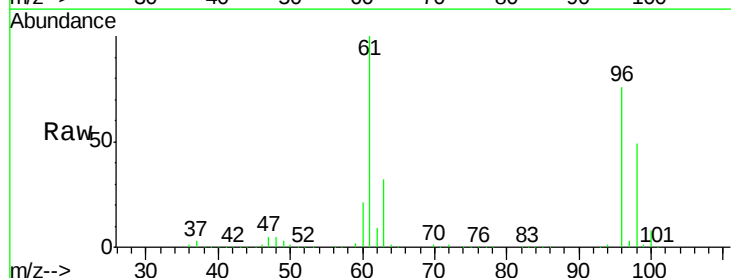
RT: 4.71 min Scan# 1047

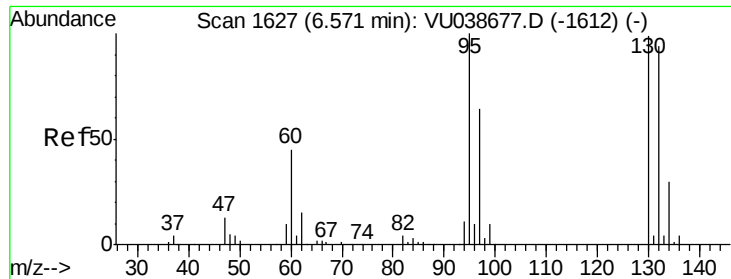
Delta R.T. 0.00 min

Lab File: VU038688.D

Acq: 08 Jun 2020 23:38

Tgt Ion:	96	Resp:	2994286
Ion	Ratio	Lower	Upper
96	100		
61	131.0	89.5	166.1
68	0.0	0.0	0.0





#34
 Trichloroethene
 Concen: 12.360 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038688.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H9

Tot Ion:	95	Resp:	39622
Ion Ratio	Lower	Upper	
95	100		
97	62.4	44.4	82.4
132	90.0	64.9	120.5
130	89.5	68.6	127.4

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