

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022520\
 Data File : VU036902.D
 Acq On : 25 Feb 2020 12:59
 Operator : JC/MD
 Sample : L1608-08RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR2RE

Quant Time: Feb 26 03:11:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 26 01:28:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	201871	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	188436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	69150	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104120	61.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	122.84%
7) Chloroethane-d5	1.93	69	90001	64.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.32%
11) 1,1-Dichloroethene-d2	2.59	63	133480	47.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.04%
21) 2-Butanone-d5	4.67	46	159669	140.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	140.41%#
24) Chloroform-d	5.11	84	165461	63.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.84%#
26) 1,2-Dichloroethane-d4	5.74	65	115544	65.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.90%#
32) Benzene-d6	5.76	84	366705	67.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	134.58%#
36) 1,2-Dichloropropane-d6	6.73	67	118284	67.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	134.00%#
41) Toluene-d8	7.92	98	329264	65.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.26%#
43) trans-1,3-Dichloropropene-	8.20	79	51199	62.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	124.80%
47) 2-Hexanone-d5	8.66	63	119184	138.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	138.07%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	163438	65.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	131.32%#
64) 1,2-Dichlorobenzene-d4	12.21	152	94301	69.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	139.52%#

Target Compounds

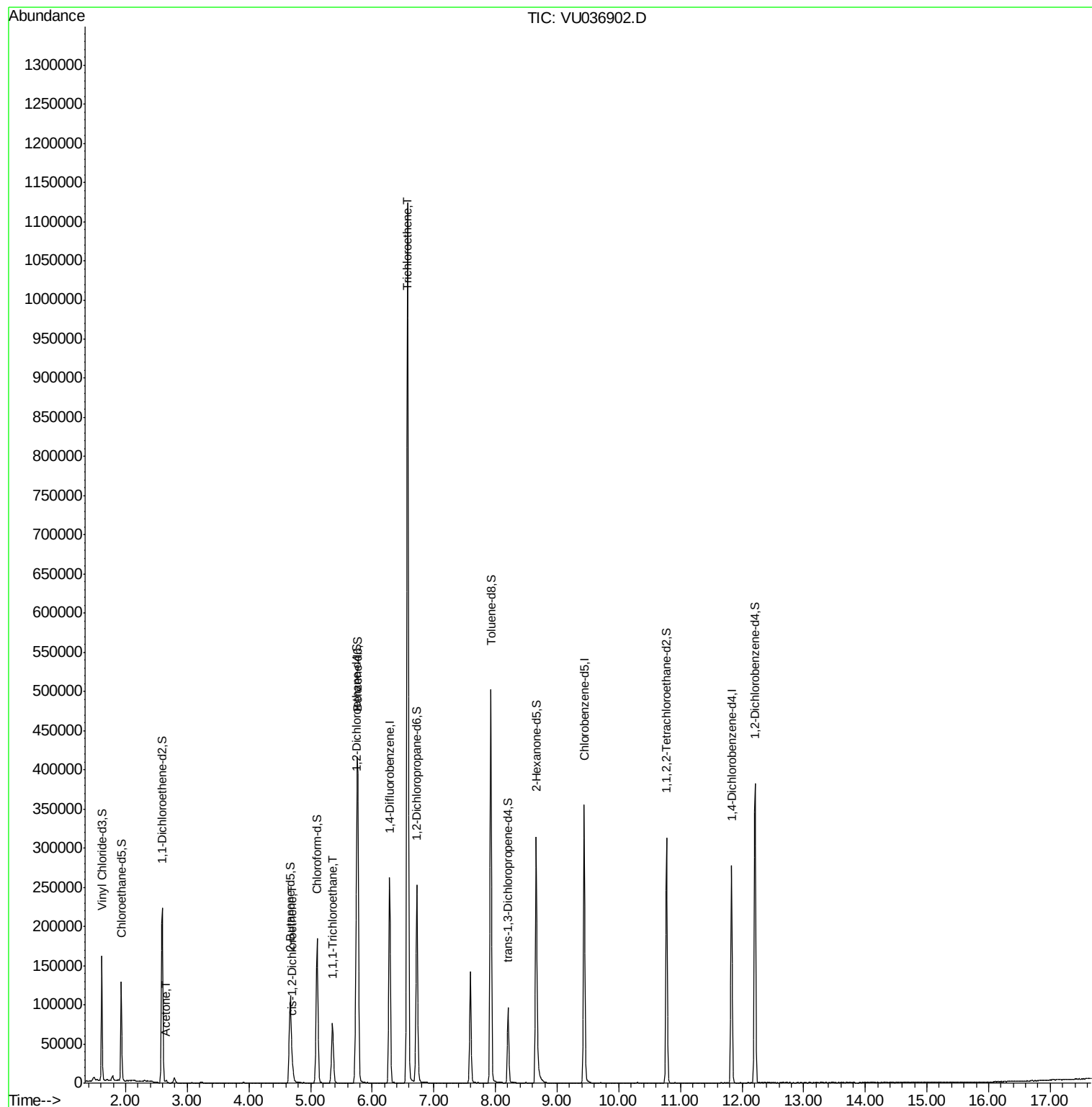
					Ovalue
13) Acetone	2.66	43	3220	2.753 ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	7236	4.620 ug/L	94
30) 1,1,1-Trichloroethane	5.36	97	52444	25.958 ug/L	97
34) Trichloroethene	6.57	95	381509	260.746 ug/L	99

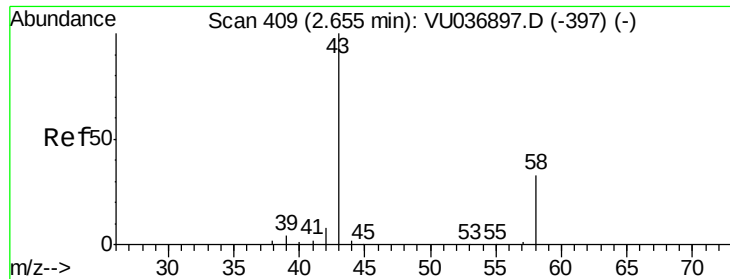
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.753 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.00 min

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Acq: 25 Feb 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

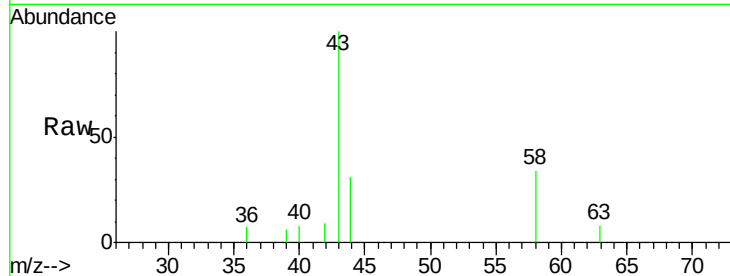
C0AR2RE

Tot Ion: 43 Resp: 3220

Ion Ratio Lower Upper

43 100

58 28.3 0.0 64.6

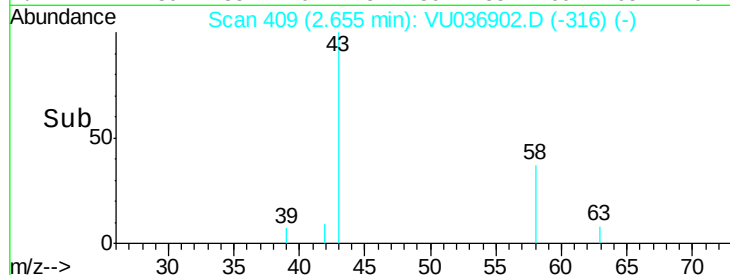


Abundance Ion 43.00 (42.70 to 43.70): VU036897.D (-397) (-)

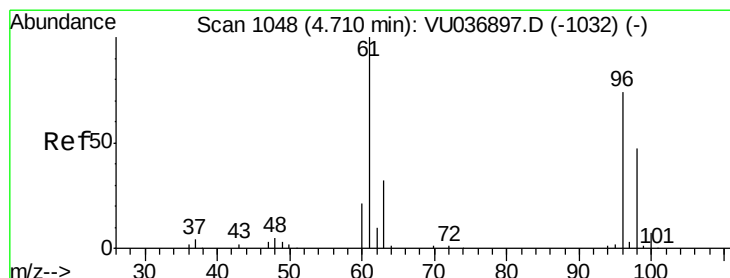
Ion 58.00 (57.70 to 58.70): VU036897.D (-397) (-)

2.66

2.60 2.65 2.70



Time-->



#20

cis-1,2-Dichloroethene

Concen: 4.620 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VU036902.D

Acq: 25 Feb 2020 12:59

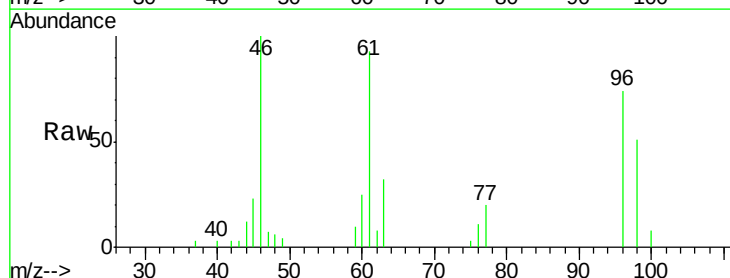
Tgt Ion: 96 Resp: 7236

Ion Ratio Lower Upper

96 100

61 126.3 93.1 172.9

68 0.0 0.0 0.0



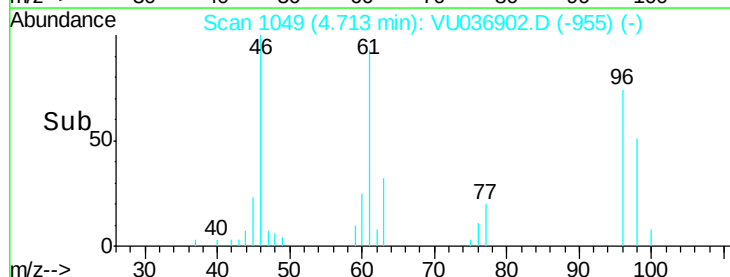
Abundance Ion 96.00 (95.70 to 96.70): VU036897.D (-1032) (-)

Ion 61.00 (60.70 to 61.70): VU036897.D (-1032) (-)

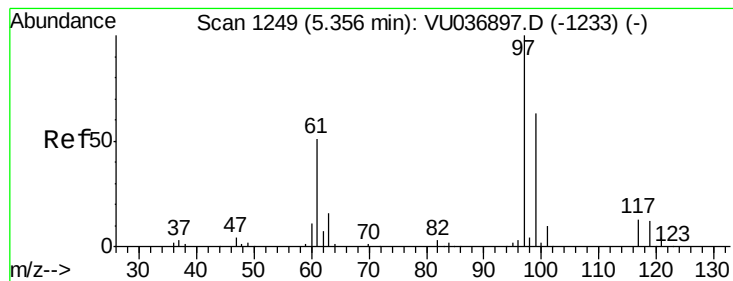
Ion 68.00 (67.70 to 68.70): VU036897.D (-1032) (-)

4.71

4.65 4.70 4.75



Time-->



#30

1,1,1-Trichloroethane

Concen: 25.958 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU036902.D

Acq: 25 Feb 2020 12:59

Instrument :

MSVOA_U

ClientSampleId :

C0AR2RE

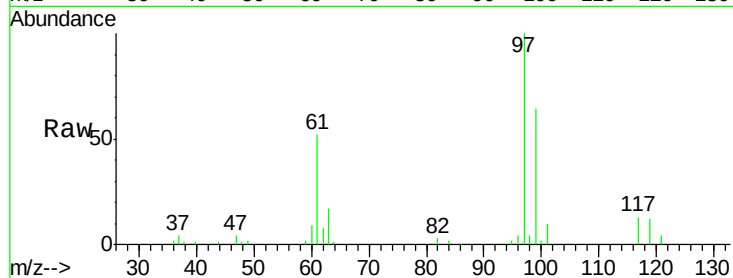
Tot Ion: 97 Resp: 52444

Ion Ratio Lower Upper

97 100

99 65.6 50.4 75.6

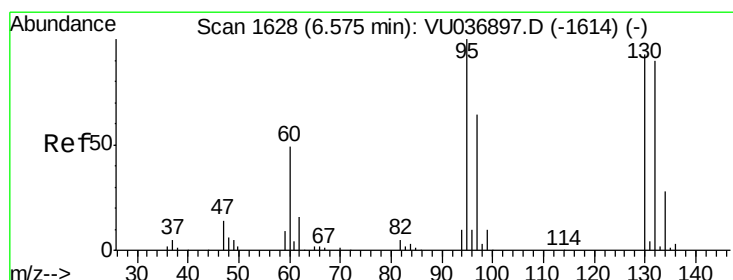
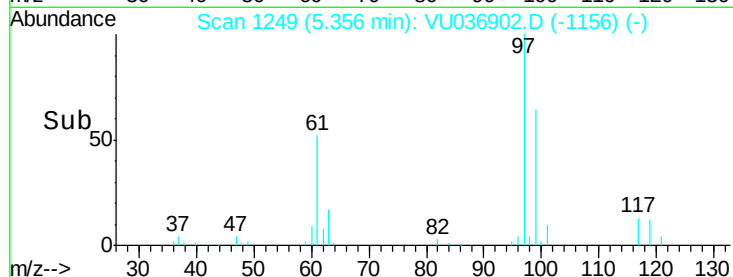
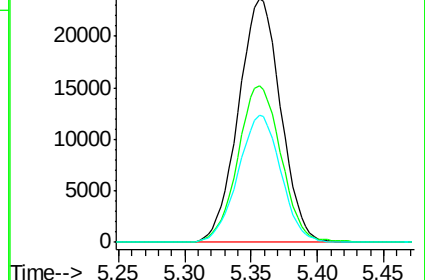
61 52.6 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU036897.D (-1233) (-)

Ion 99.00 (98.70 to 99.70): VU036897.D (-1233) (-)

Ion 61.05 (60.75 to 61.75): VU036897.D (-1233) (-)



#34

Trichloroethene

Concen: 260.746 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036902.D

Acq: 25 Feb 2020 12:59

Tgt Ion: 95 Resp: 381509

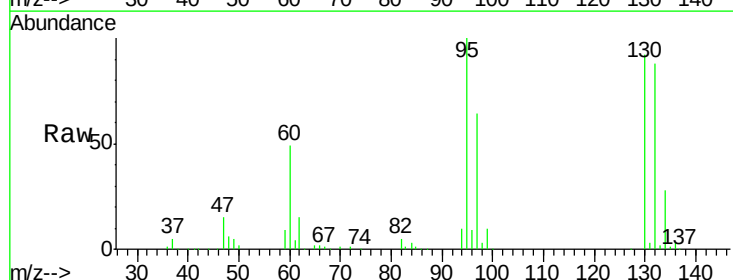
Ion Ratio Lower Upper

95 100

97 64.1 44.1 81.9

132 87.5 60.6 112.6

130 92.4 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU036897.D (-1614) (-)

Ion 97.00 (96.70 to 97.70): VU036897.D (-1614) (-)

Ion 132.00 (131.70 to 132.70): VU036897.D (-1614) (-)

Ion 130.00 (129.70 to 130.70): VU036897.D (-1614) (-)

