

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038749.D
 Acq On : 10 Jun 2020 01:24
 Operator : SY/MD
 Sample : L2897-21
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0M0

Quant Time: Jun 10 06:23:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	524211	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	523636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	243016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139201	47.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.06%
7) Chloroethane-d5	1.93	69	124870	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.92%
11) 1,1-Dichloroethene-d2	2.59	63	238582	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.76%
21) 2-Butanone-d5	4.66	46	329270	115.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.56%
24) Chloroform-d	5.10	84	333917	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
26) 1,2-Dichloroethane-d4	5.74	65	231415	55.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.58%
32) Benzene-d6	5.76	84	669931	53.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.22%
36) 1,2-Dichloropropane-d6	6.72	67	209386	53.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.72%
41) Toluene-d8	7.92	98	579681	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%
43) trans-1,3-Dichloropropene-	8.20	79	97341	49.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.48%
47) 2-Hexanone-d5	8.65	63	237889	114.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.97%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	305279	52.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.30%
64) 1,2-Dichlorobenzene-d4	12.20	152	242542	57.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.96%

Target Compounds

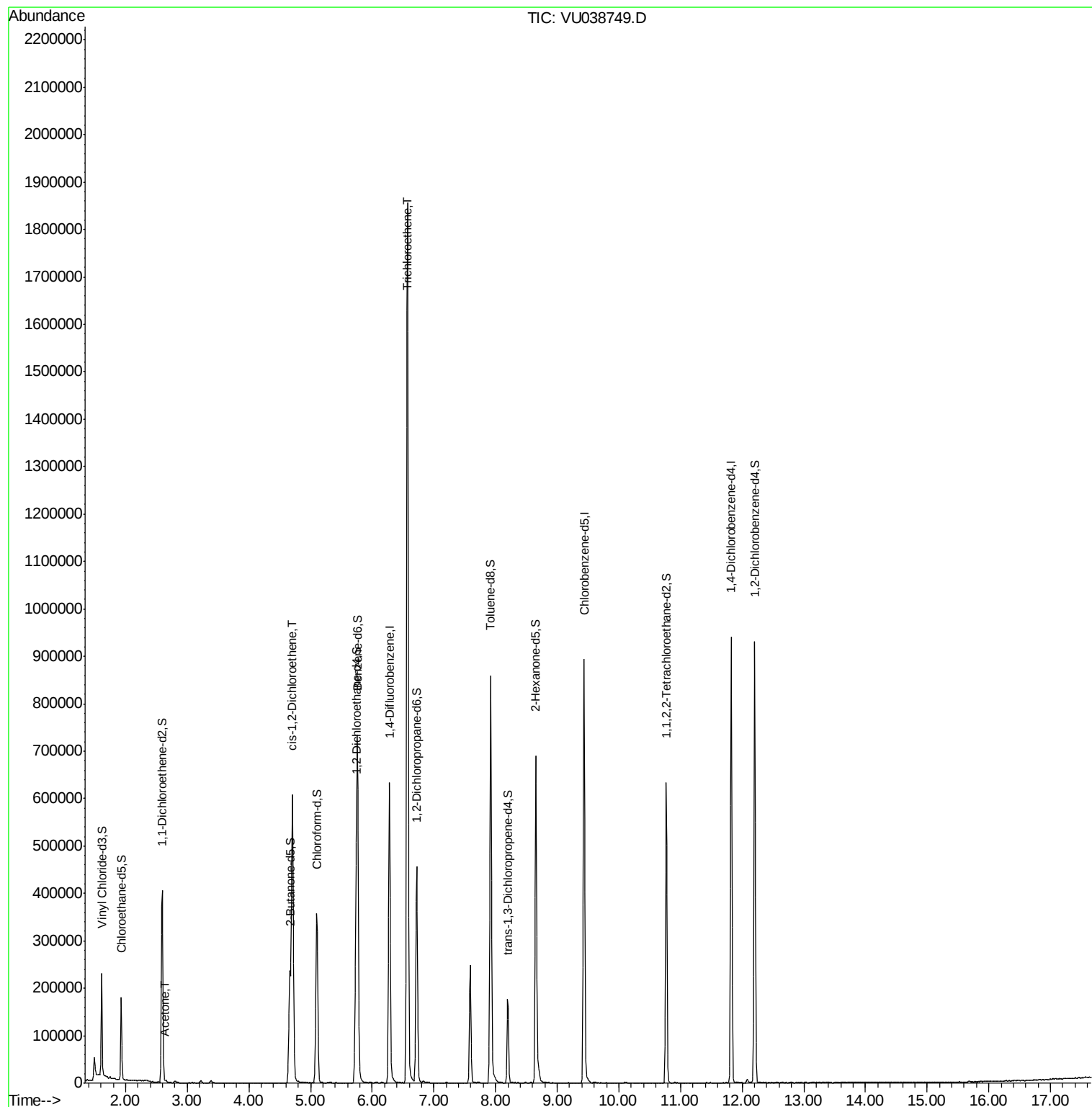
					Ovalue
13) Acetone	2.65	43	4361	1.899 ug/L	88
20) cis-1,2-Dichloroethene	4.71	96	308259	76.802 ug/L	100
34) Trichloroethene	6.57	95	622126	157.310 ug/L	99

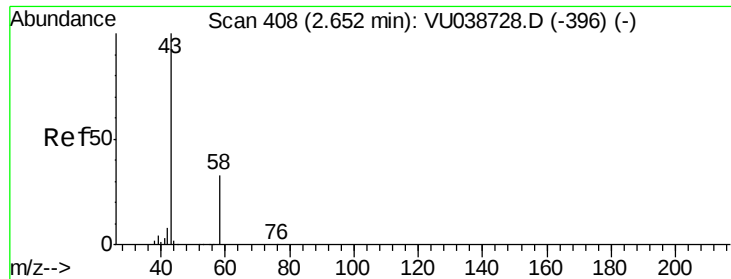
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.899 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

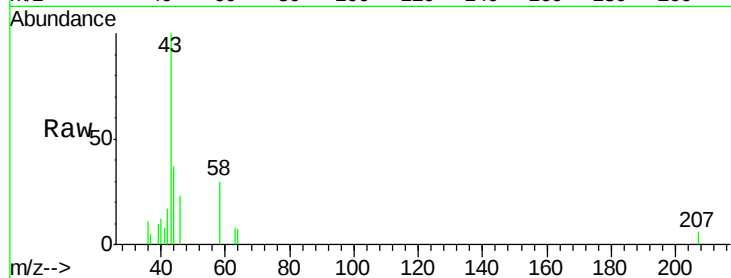
EW0M0

Tot Ion: 43 Resp: 4361

Ion Ratio Lower Upper

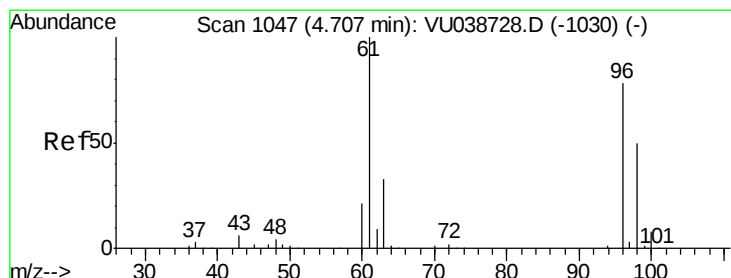
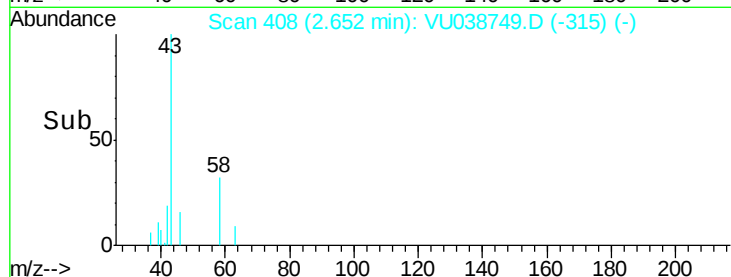
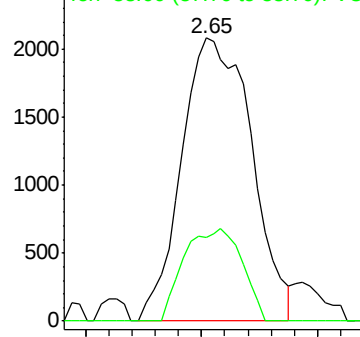
43 100

58 27.1 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 76.802 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

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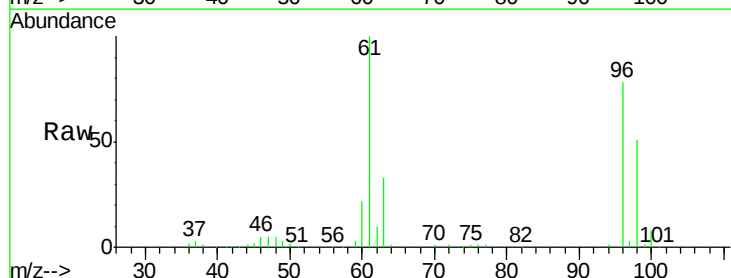
Tgt Ion: 96 Resp: 308259

Ion Ratio Lower Upper

96 100

61 128.2 89.5 166.1

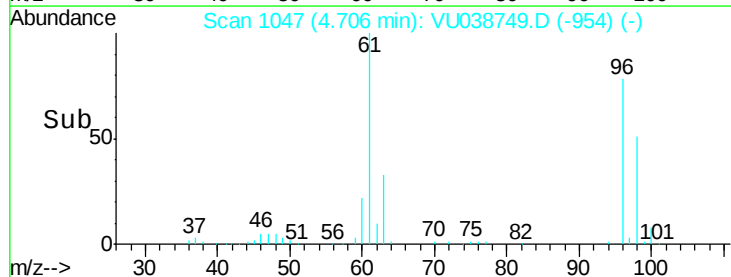
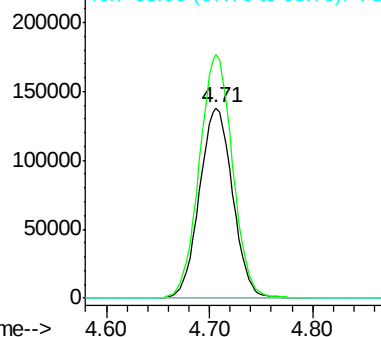
68 0.0 0.0 0.0

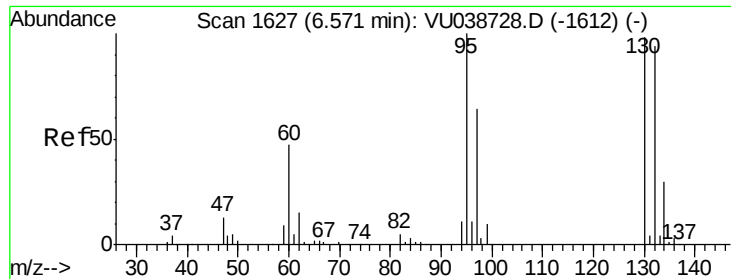


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 157.310 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

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EW0M0

Tot Ion: 95 Resp: 622126

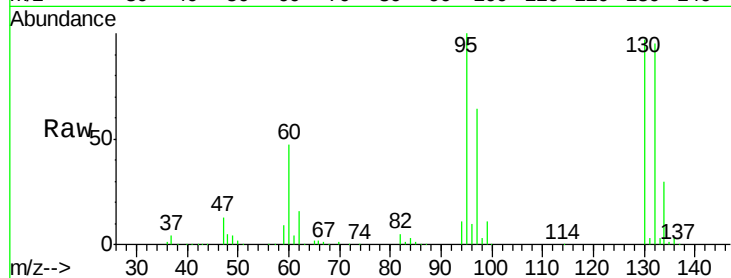
Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.4

132 94.6 64.9 120.5

130 97.3 68.6 127.4



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

