

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060920\
 Data File : VU038725.D
 Acq On : 09 Jun 2020 15:28
 Operator : SY/MD
 Sample : L2896-12DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0J1DL

Quant Time: Jun 10 00:37:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:33:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	585960	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	579510	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	286541	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	178578	54.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.10%
7) Chloroethane-d5	1.91	69	133312	52.49	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.98%
11) 1,1-Dichloroethene-d2	2.58	63	278850	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.16%
21) 2-Butanone-d5	4.66	46	356659	111.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.98%
24) Chloroform-d	5.10	84	372582	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
26) 1,2-Dichloroethane-d4	5.74	65	256164	54.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.52%
32) Benzene-d6	5.76	84	770879	55.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.44%
36) 1,2-Dichloropropane-d6	6.72	67	235227	54.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.36%
41) Toluene-d8	7.92	98	669190	53.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.10%
43) trans-1,3-Dichloropropene-	8.20	79	115310	53.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.48%
47) 2-Hexanone-d5	8.66	63	288159	125.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.83%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	379638	59.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.32%
64) 1,2-Dichlorobenzene-d4	12.20	152	283746	57.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.06%

Target Compounds

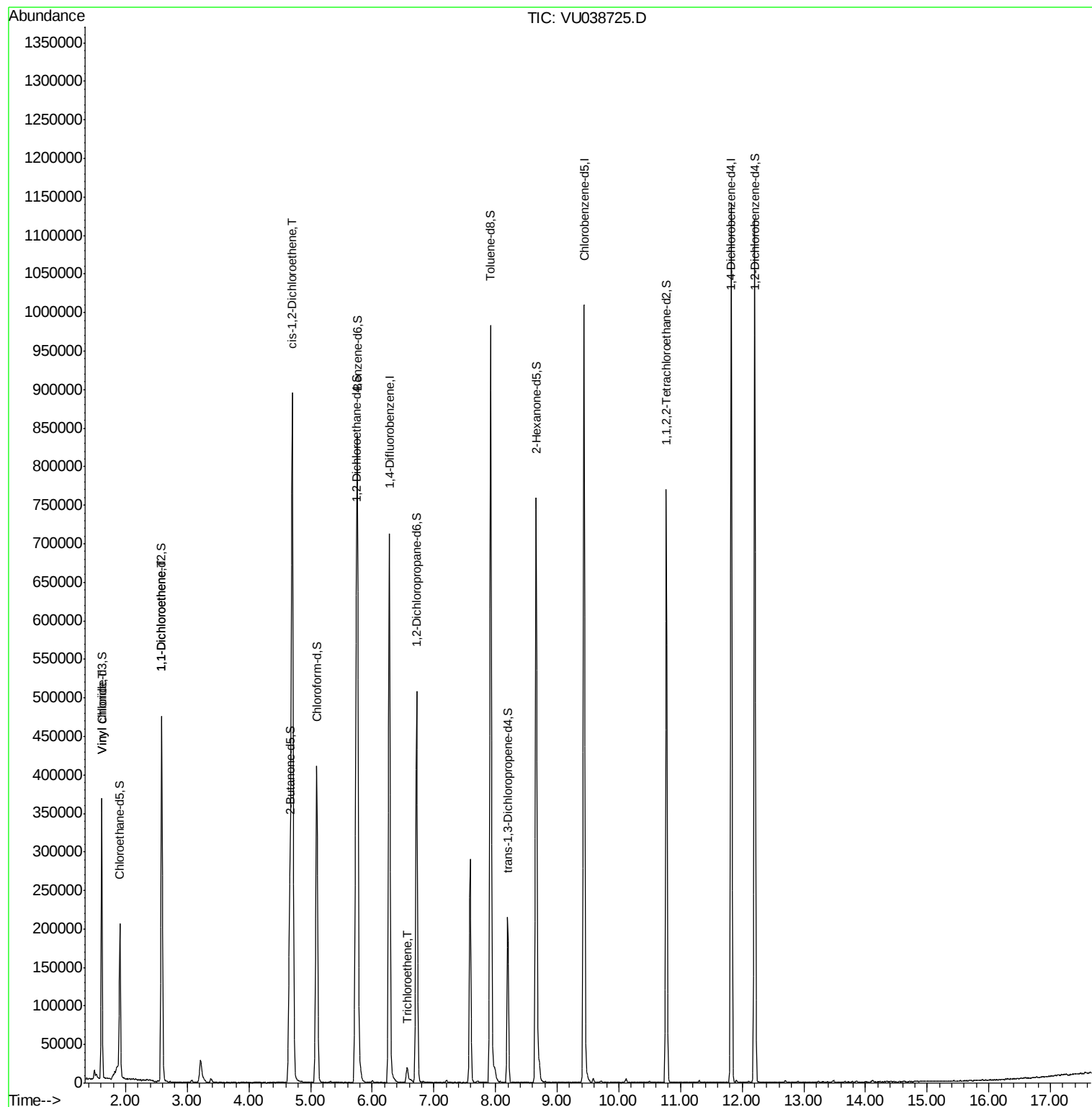
					Ovalue
5) Vinyl chloride	1.62	62	84552	18.036 ug/L	95
12) 1,1-Dichloroethene	2.59	96	2877	0.776 ug/L #	1
20) cis-1,2-Dichloroethene	4.70	96	446480	99.517 ug/L	100
34) Trichloroethene	6.57	95	4064	0.929 ug/L	91

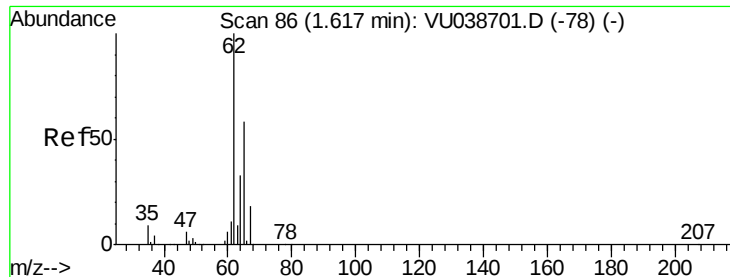
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 18.036 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

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Acq: 09 Jun 2020 15:28

Instrument :

MSVOA_U

ClientSampled :

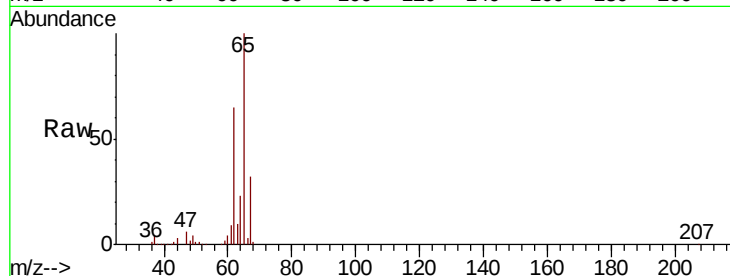
EW0J1DL

Tot Ion: 62 Resp: 84552

Ion Ratio Lower Upper

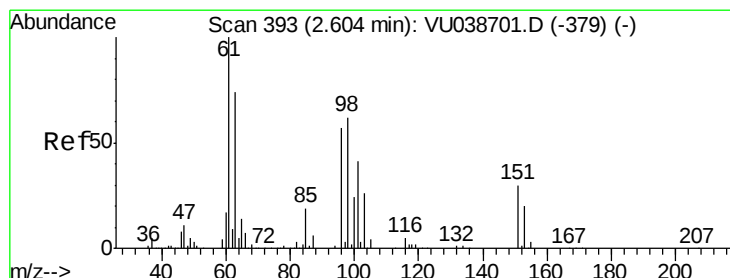
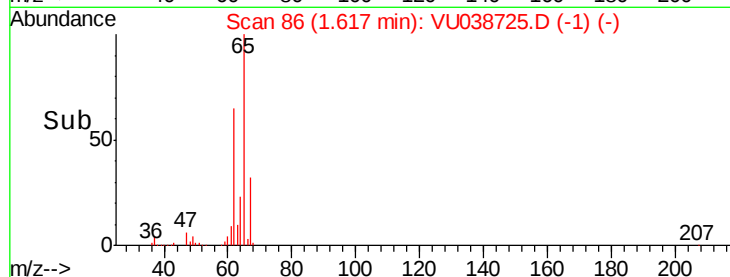
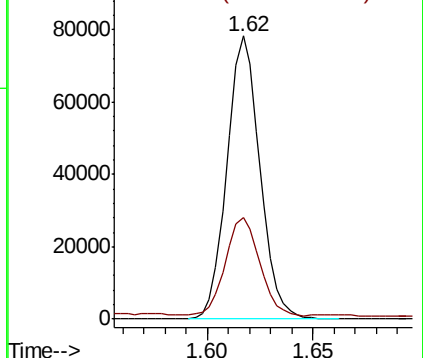
62 100

64 35.9 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 0.776 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU038725.D

Acq: 09 Jun 2020 15:28

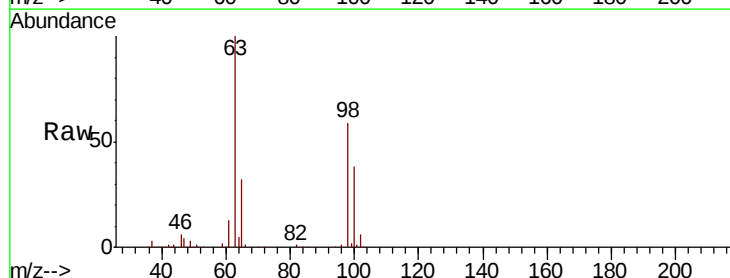
Tgt Ion: 96 Resp: 2877

Ion Ratio Lower Upper

96 100

61 1233.6 120.0 223.0#

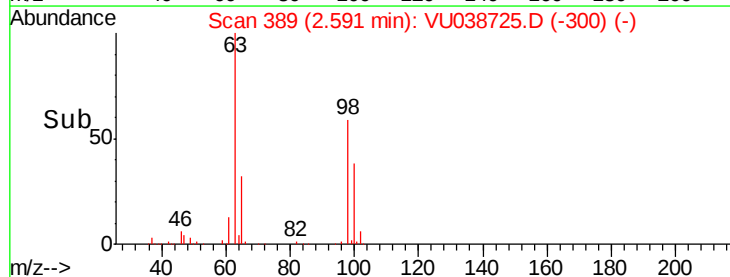
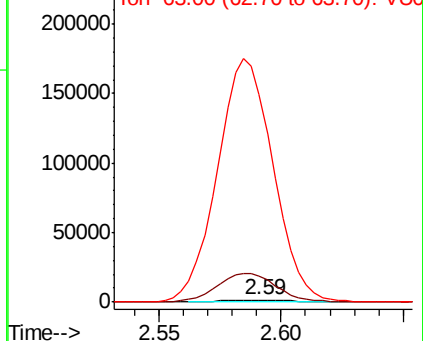
63 9678.7 75.8 140.8#

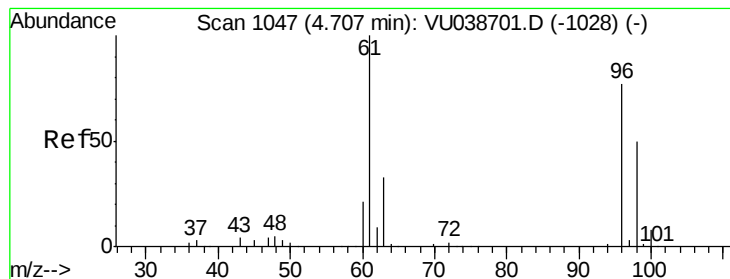


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 99.517 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

EW0J1DL

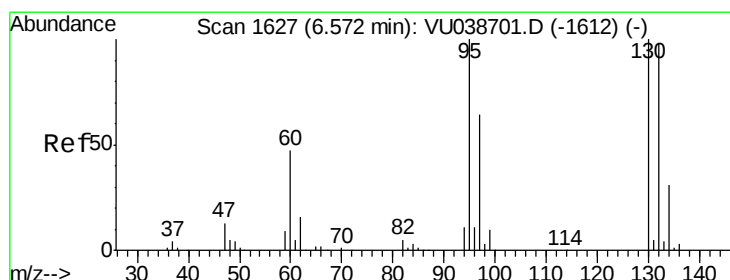
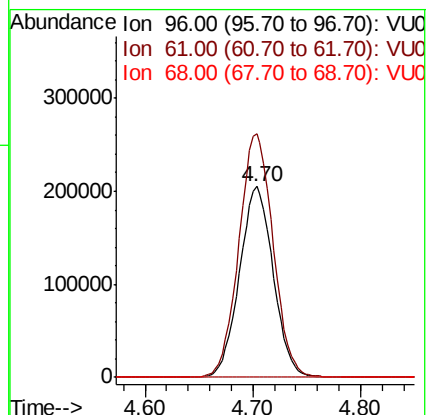
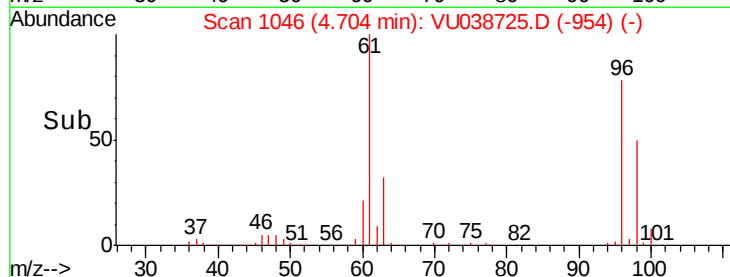
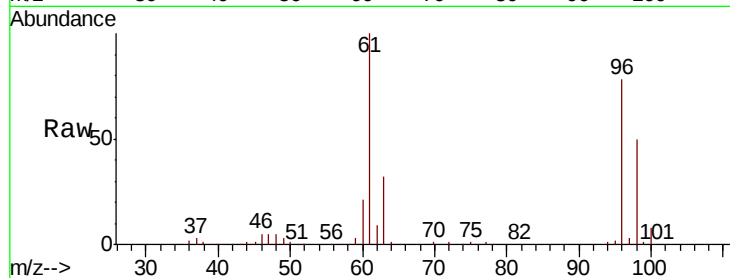
Tot Ion: 96 Resp: 446480

Ion Ratio Lower Upper

96 100

61 127.8 89.5 166.1

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 0.929 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU038725.D

Acq: 09 Jun 2020 15:28

Tgt Ion: 95 Resp: 4064

Ion Ratio Lower Upper

95 100

97 52.3 44.4 82.4

132 88.1 64.9 120.5

130 89.4 68.6 127.4

