

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052920\
 Data File : VU038370.D
 Acq On : 29 May 2020 10:37
 Operator : JC/MD
 Sample : L2793-02DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA1DL

Quant Time: May 29 16:47:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	634243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	611241	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	282589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	196867	49.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.90%
7) Chloroethane-d5	1.93	69	159474	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.68%
11) 1,1-Dichloroethene-d2	2.59	63	300114	36.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.76%
21) 2-Butanone-d5	4.66	46	378227	99.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.98%
24) Chloroform-d	5.10	84	387980	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	5.74	65	261513	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
32) Benzene-d6	5.76	84	807942	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.72	67	245876	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.88%
41) Toluene-d8	7.92	98	700082	49.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.74%
43) trans-1,3-Dichloropropene-	8.20	79	118338	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.56%
47) 2-Hexanone-d5	8.65	63	283794	109.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	356984	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	12.20	152	275530	52.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

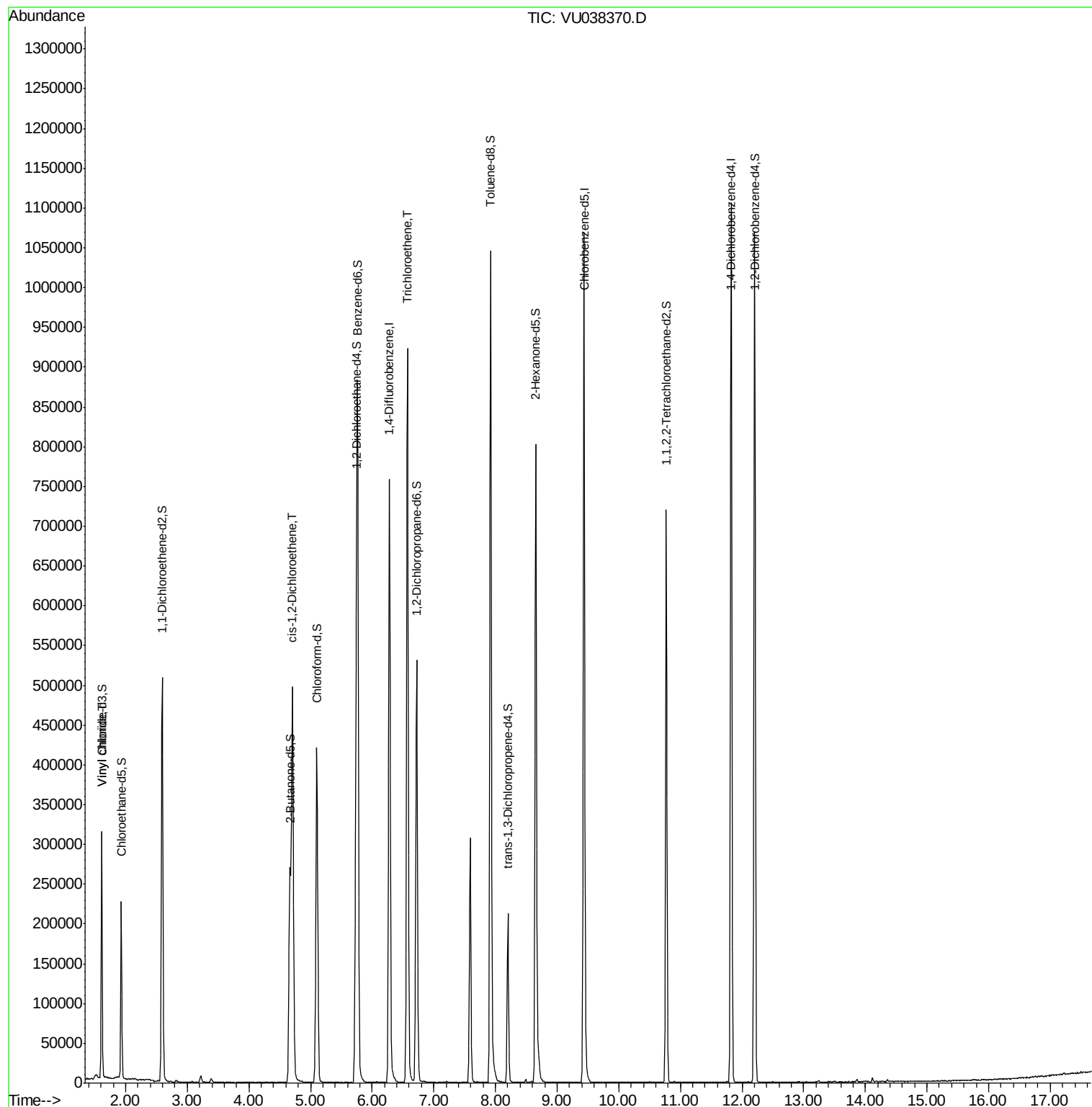
						Qvalue
5) Vinyl chloride	1.62	62	19523	4.02	ug/L	# 57
20) cis-1,2-Dichloroethene	4.71	96	244090	53.94	ug/L	98
34) Trichloroethene	6.57	95	313647	71.41	ug/L	98

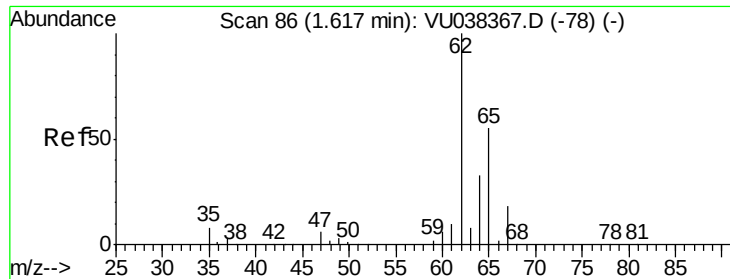
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.02 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

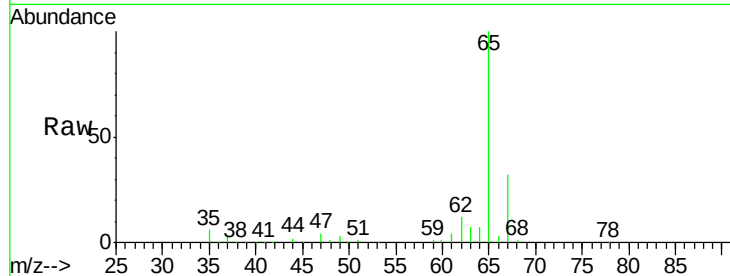
C0AA1DL

Tgt Ion: 62 Resp: 19523

Ion Ratio Lower Upper

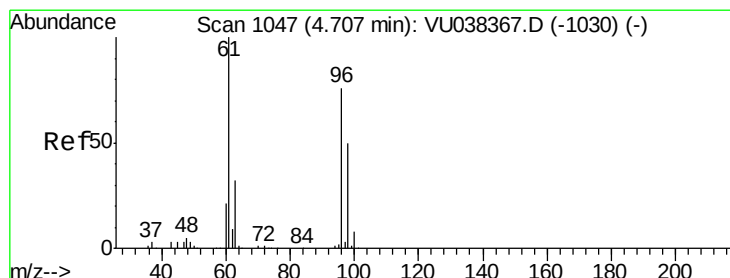
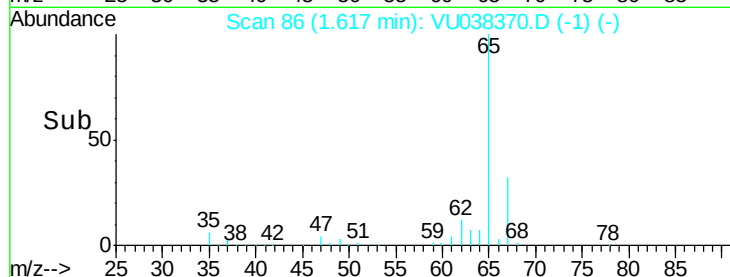
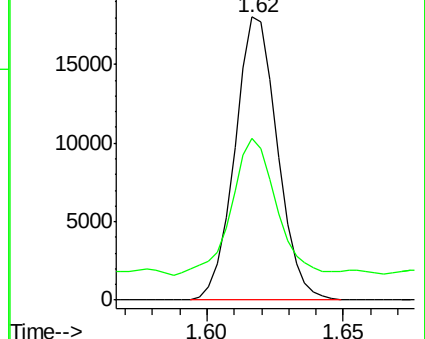
62 100

64 57.4 23.2 43.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 53.94 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

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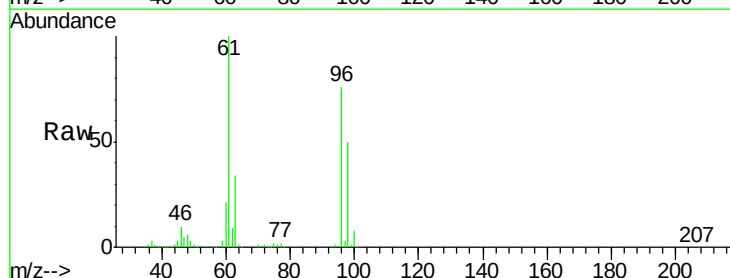
Tgt Ion: 96 Resp: 244090

Ion Ratio Lower Upper

96 100

61 131.3 93.4 173.4

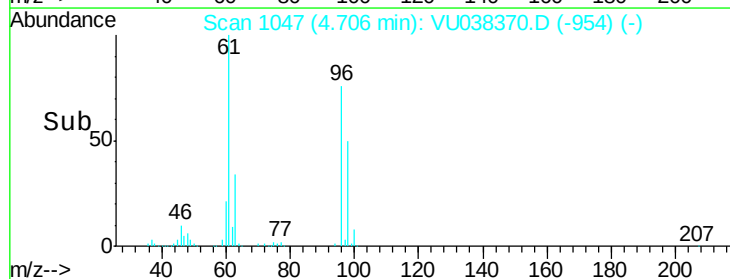
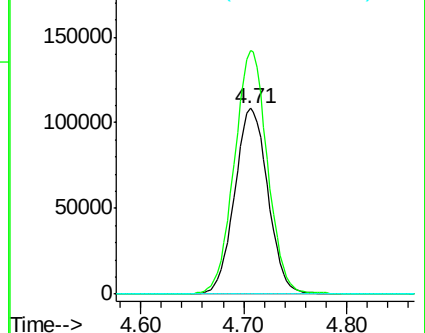
68 0.0 0.0 0.0

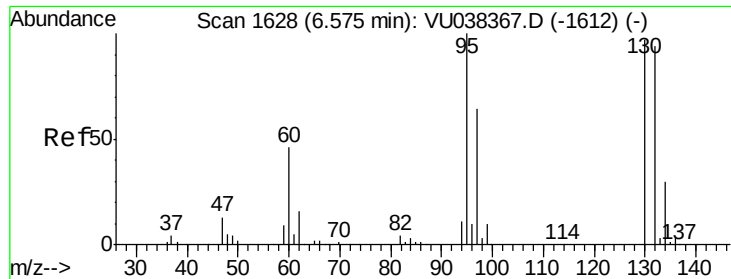


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 71.41 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038370.D

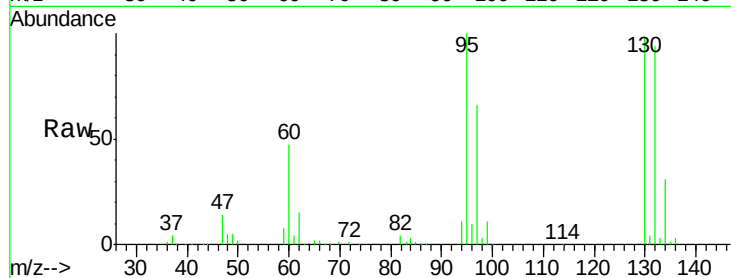
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Tgt Ion: 95 Resp: 313647

Ion Ratio Lower Upper

95 100

97 65.6 44.3 82.3

132 94.5 64.7 120.1

130 98.2 68.5 127.1

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

