

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092920\
 Data File : VU040382.D
 Acq On : 30 Sep 2020 00:44
 Operator : SY/MD
 Sample : L4186-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F4

Quant Time: Sep 30 03:57:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 02:48:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121805	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53889	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30602	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.92	69	28672	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.58	63	47681	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.65	46	160981	53.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.48%
24) Chloroform-d	5.08	84	76401	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.72	65	47205	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.74	84	131738	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	48007	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.91	98	102079	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.19	79	17751	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.64	63	114330	51.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47375	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	48054	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

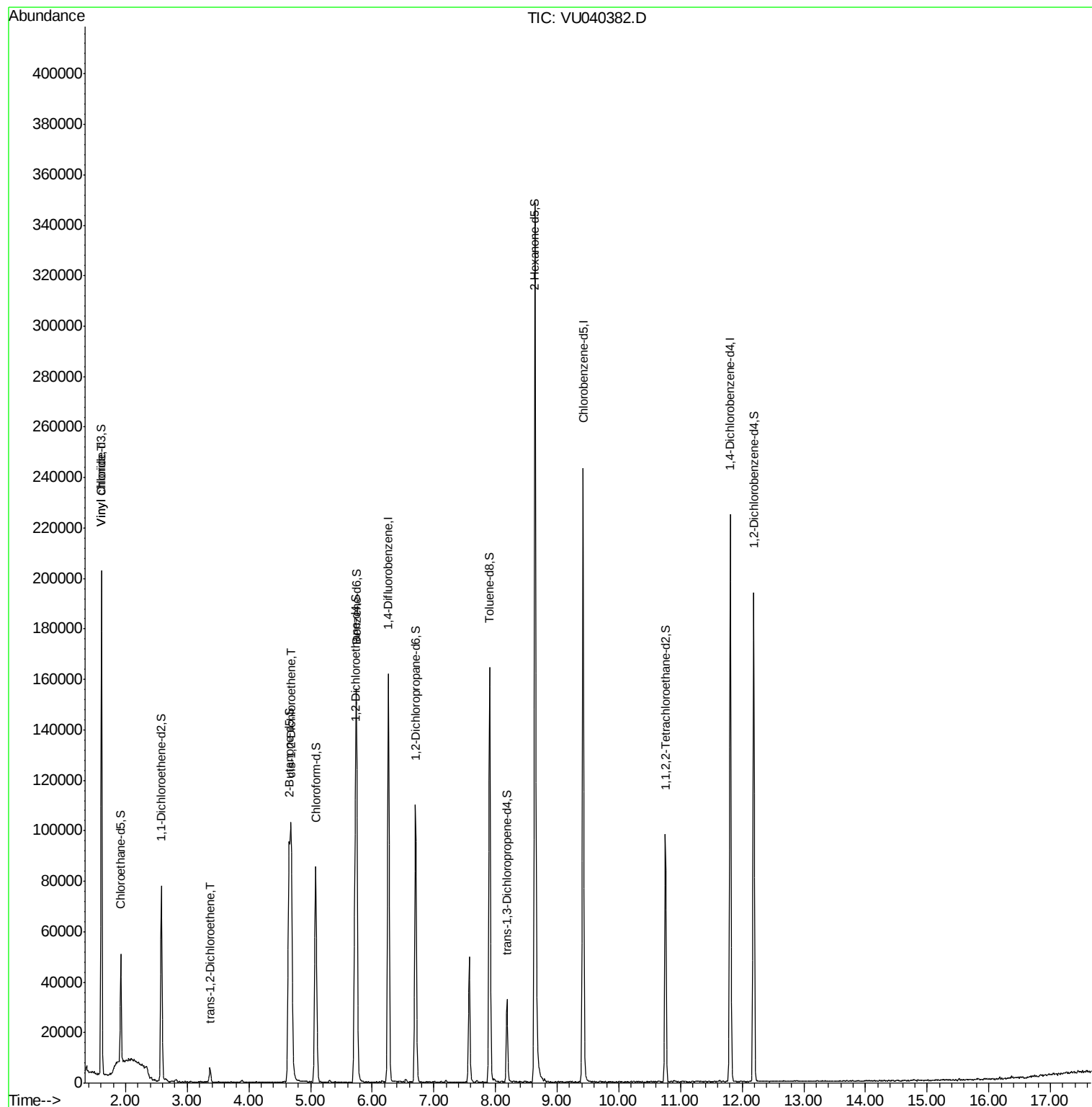
					Ovalue
5) Vinyl chloride	1.61	62	106835	9.074 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	2238	0.233 ug/L #	77
22) cis-1,2-Dichloroethene	4.69	96	35845	3.378 ug/L	97

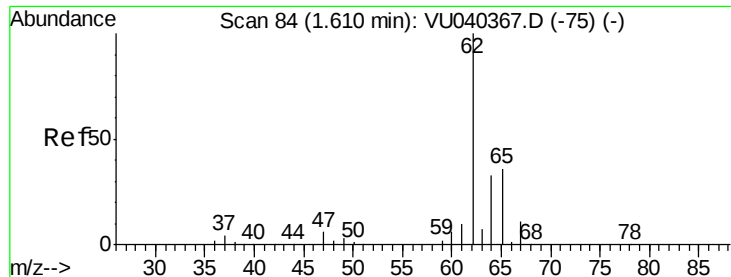
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 9.074 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040382.D

Acq: 30 Sep 2020 00:44

Instrument :

MSVOA_U

ClientSampled :

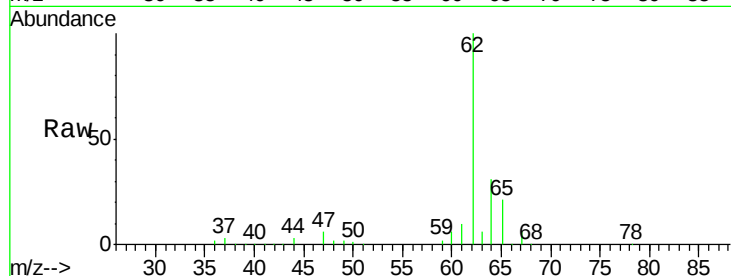
BG0F4

Tot Ion: 62 Resp: 106835

Ion Ratio Lower Upper

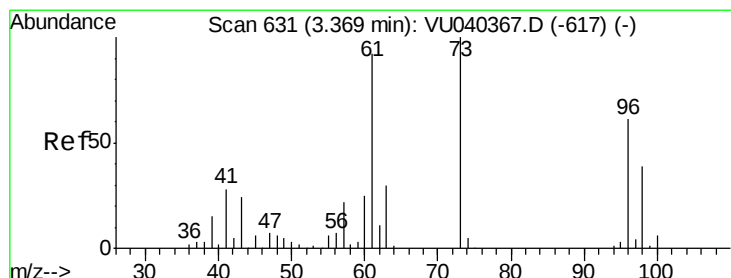
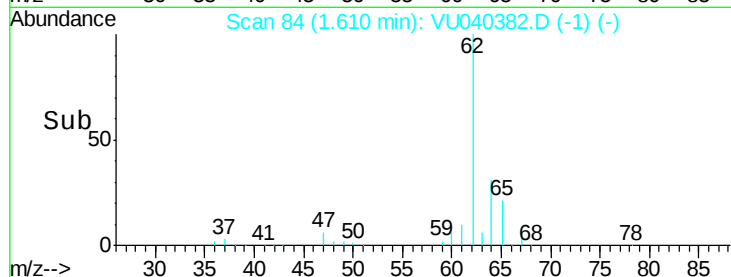
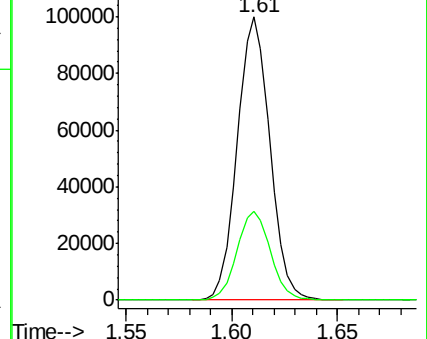
62 100

64 31.4 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.233 ug/L

RT: 3.37 min Scan# 631

Delta R.T. 0.00 min

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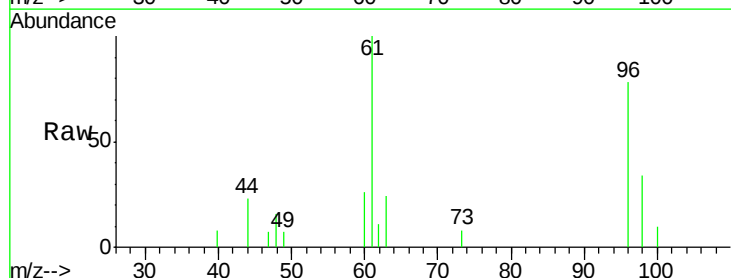
Tgt Ion: 96 Resp: 2238

Ion Ratio Lower Upper

96 100

61 128.8 109.3 203.1

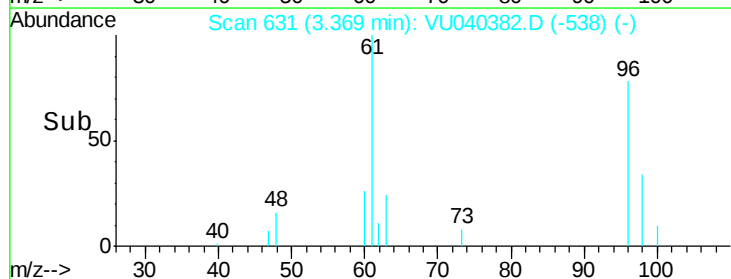
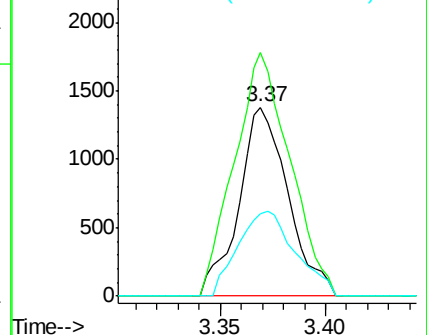
98 43.4 45.8 85.0#

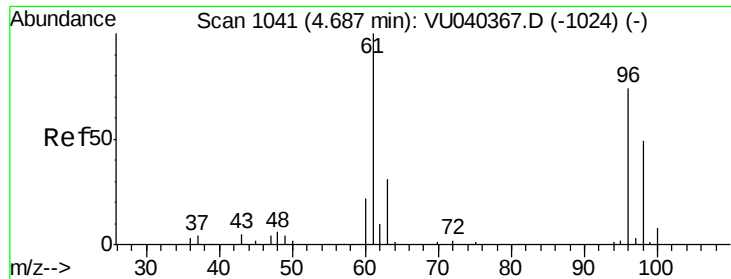


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22
 cis-1,2-Dichloroethene
 Concen: 3.378 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
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 BG0F4

Tot Ion: 96 Resp: 35845
 Ion Ratio Lower Upper
 96 100
 61 138.5 99.3 184.5
 68 0.0 0.0 0.0

