

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033703.D
 Acq On : 09 Aug 2019 23:16
 Operator : JC/SP
 Sample : K4202-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B41

Quant Time: Aug 12 03:13:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	367179	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	355553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	179168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	131099	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.00%
7) Chloroethane-d5	1.67	69	126434	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.34%
11) 1,1-Dichloroethene-d2	2.26	63	173982	38.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.56%
21) 2-Butanone-d5	4.16	46	258312	154.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	154.16%#
24) Chloroform-d	4.62	84	245729	61.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.38%
26) 1,2-Dichloroethane-d4	5.29	65	164675	65.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.16%#
32) Benzene-d6	5.32	84	502824	59.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.84%
36) 1,2-Dichloropropane-d6	6.31	67	165502	64.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.54%#
41) Toluene-d8	7.55	98	446430	56.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.12%
43) trans-1,3-Dichloropropene-	7.83	79	78312	60.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.44%
47) 2-Hexanone-d5	8.29	63	196436	147.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	147.28%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	252923	66.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	132.80%#
64) 1,2-Dichlorobenzene-d4	11.84	152	193547	64.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.38%#

Target Compounds

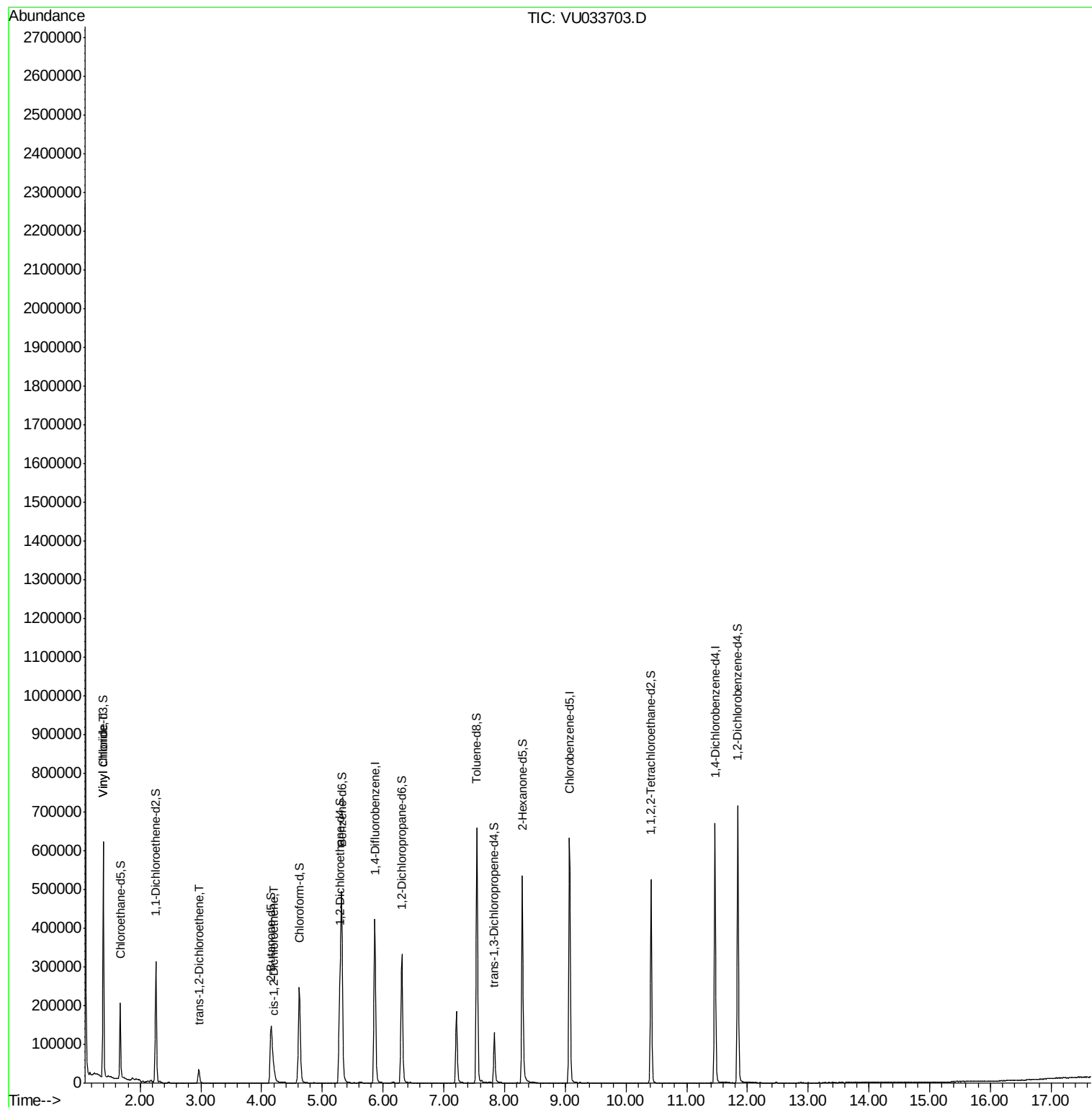
					Qvalue
5) Vinyl chloride	1.39	62	281468	91.062 ug/L	99
17) trans-1,2-Dichloroethene	2.97	96	13701	5.921 ug/L	94
20) cis-1,2-Dichloroethene	4.20	96	13001	4.925 ug/L	95

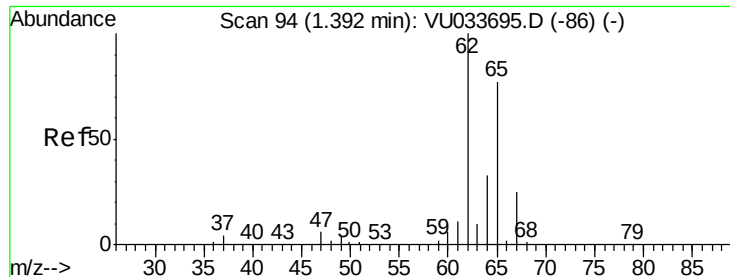
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 91.062 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033703.D

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Instrument :

MSVOA_U

ClientSampleId :

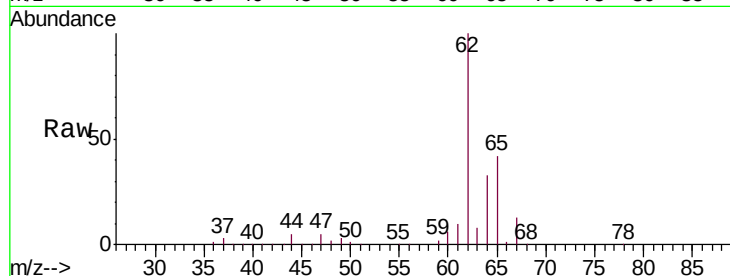
F2B41

Tgt Ion: 62 Resp: 281468

Ion Ratio Lower Upper

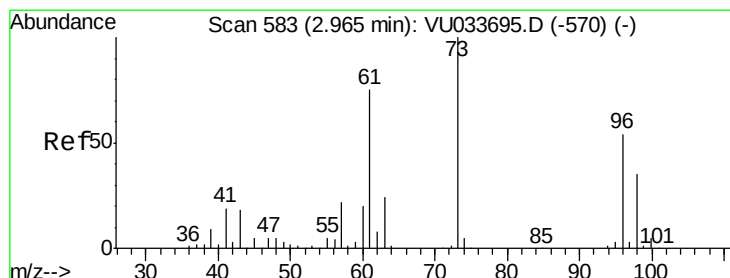
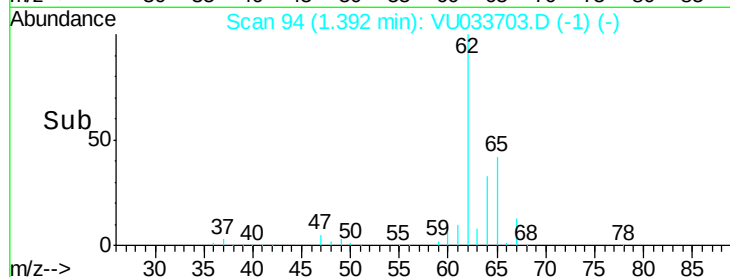
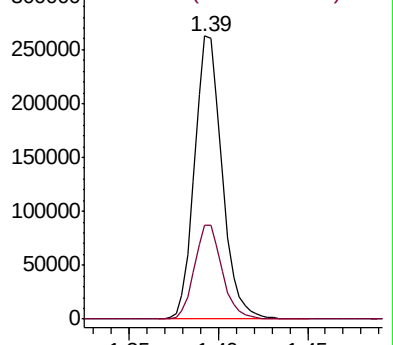
62 100

64 33.3 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 5.921 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

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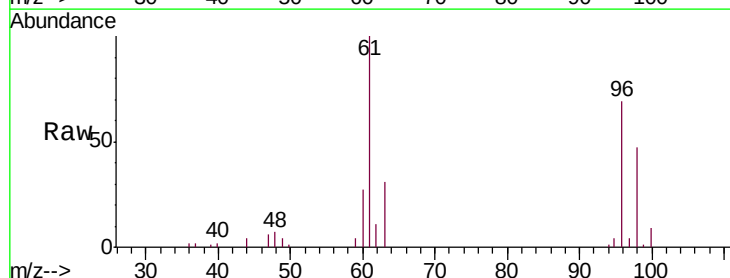
Tgt Ion: 96 Resp: 13701

Ion Ratio Lower Upper

96 100

61 145.2 95.6 177.6

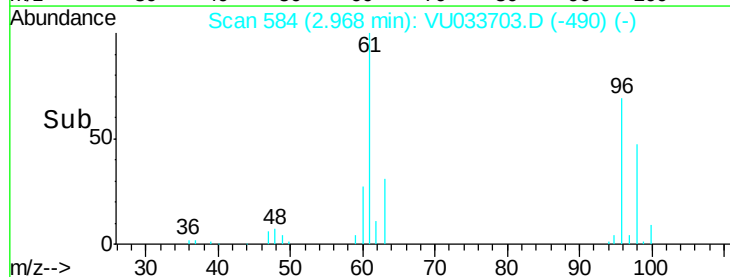
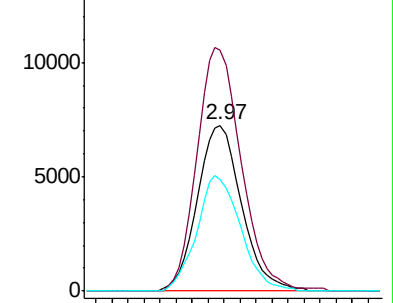
98 67.5 44.6 82.8

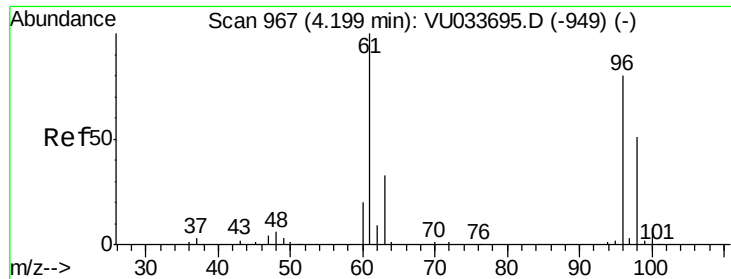


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#20
 cis-1,2-Dichloroethene
 Concen: 4.925 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
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Tgt Ion: 96 Resp: 13001
 Ion Ratio Lower Upper
 96 100
 61 129.8 87.0 161.6
 68 0.0 0.0 0.0

