

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033715.D
 Acq On : 10 Aug 2019 03:54
 Operator : JC/SP
 Sample : K4289-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B29

Quant Time: Aug 12 03:37:46 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	327966	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	321223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	159374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	111524	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.38%
7) Chloroethane-d5	1.67	69	114847	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.92%
11) 1,1-Dichloroethene-d2	2.26	63	153508	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
21) 2-Butanone-d5	4.16	46	238054	159.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	159.05%#
24) Chloroform-d	4.62	84	222203	61.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.90%
26) 1,2-Dichloroethane-d4	5.29	65	149387	66.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.22%#
32) Benzene-d6	5.32	84	448040	59.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.20%
36) 1,2-Dichloropropane-d6	6.31	67	149541	64.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.56%#
41) Toluene-d8	7.55	98	394277	55.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.60%
43) trans-1,3-Dichloropropene-	7.83	79	65750	55.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.94%
47) 2-Hexanone-d5	8.29	63	181651	150.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	150.75%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	232151	67.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	134.92%#
64) 1,2-Dichlorobenzene-d4	11.84	152	172315	64.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.48%#

Target Compounds

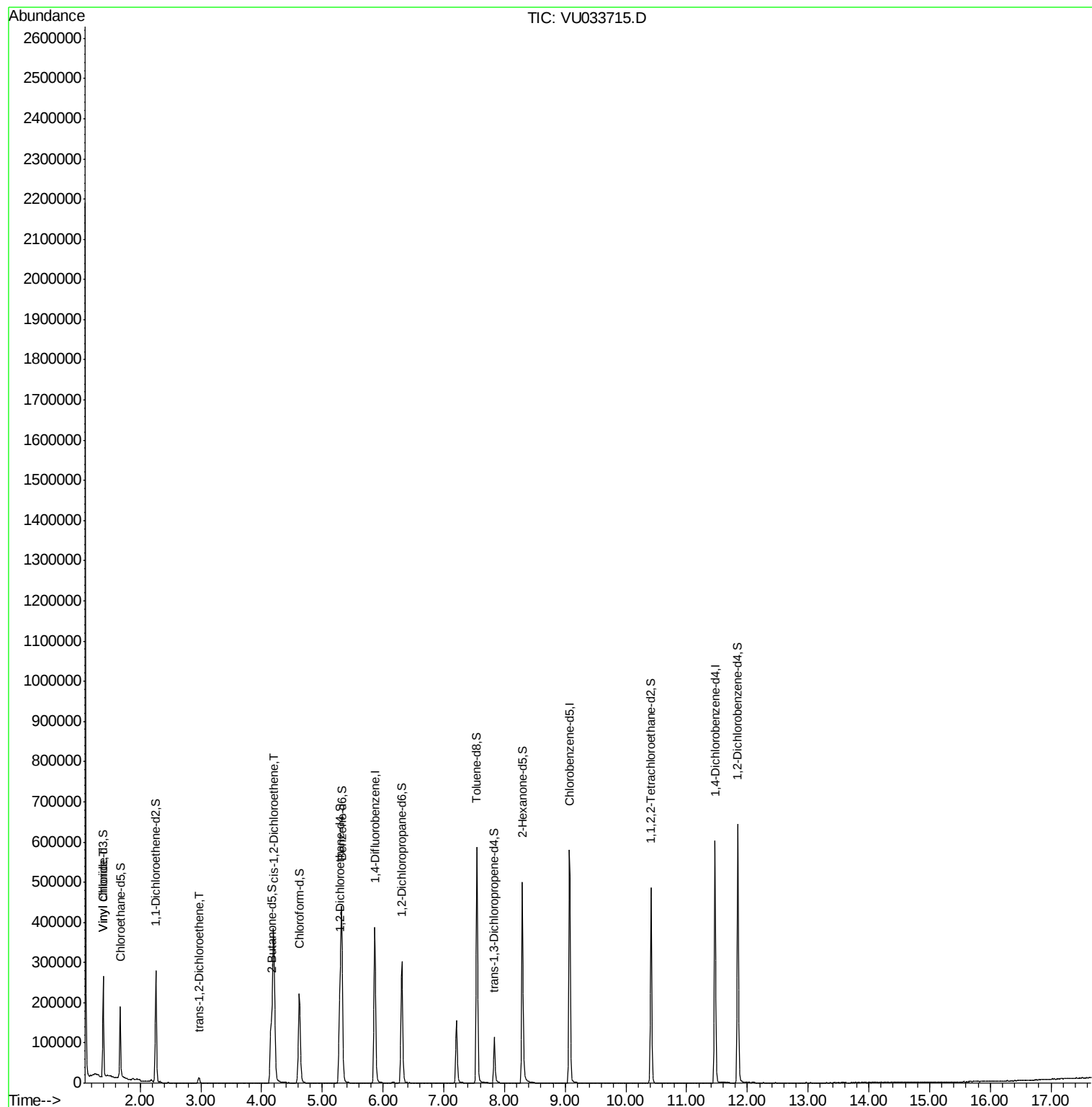
					Qvalue
5) Vinyl chloride	1.39	62	66067	23.930 ug/L	95
17) trans-1,2-Dichloroethene	2.97	96	5835	2.823 ug/L	96
20) cis-1,2-Dichloroethene	4.20	96	209660	88.927 ug/L	95

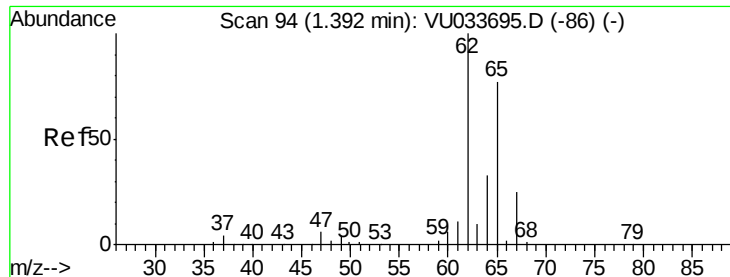
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 23.930 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033715.D

Acq: 10 Aug 2019 03:54

Instrument :

MSVOA_U

ClientSampleId :

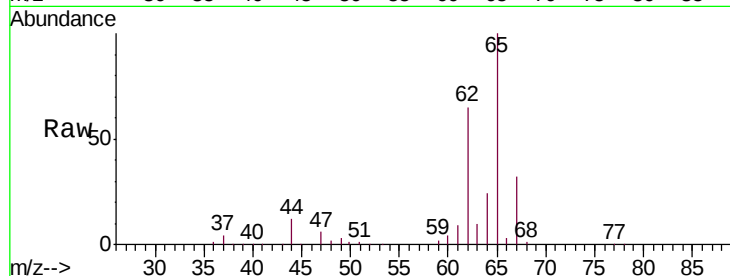
F2B29

Tgt Ion: 62 Resp: 66067

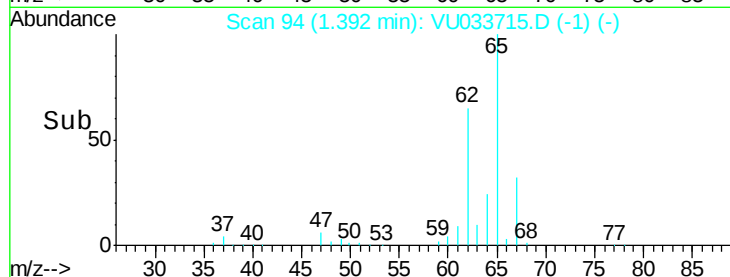
Ion Ratio Lower Upper

62 100

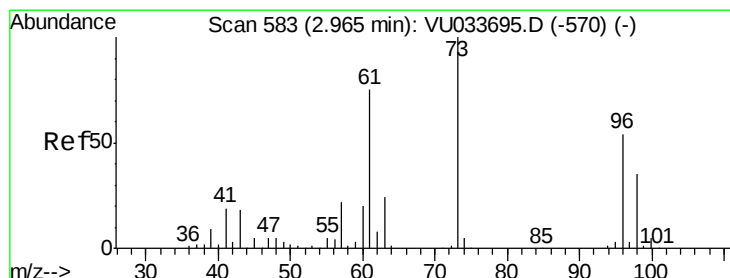
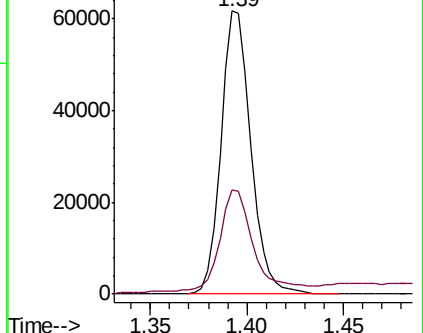
64 36.7 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU033715.D (-1) (-)



Ion 64.00 (63.70 to 64.70): VU033715.D (-1) (-)



#17

trans-1,2-Dichloroethene

Concen: 2.823 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU033715.D

Acq: 10 Aug 2019 03:54

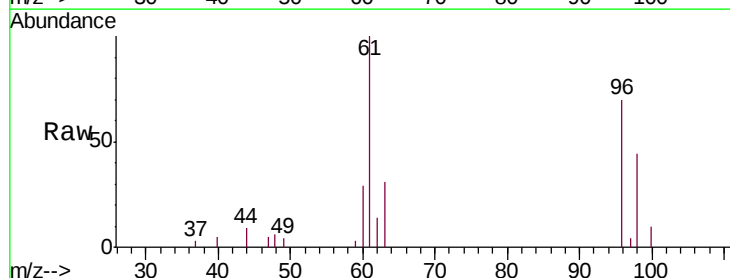
Tgt Ion: 96 Resp: 5835

Ion Ratio Lower Upper

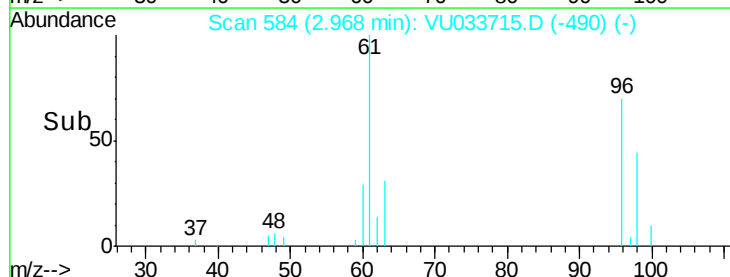
96 100

61 142.1 95.6 177.6

98 62.1 44.6 82.8

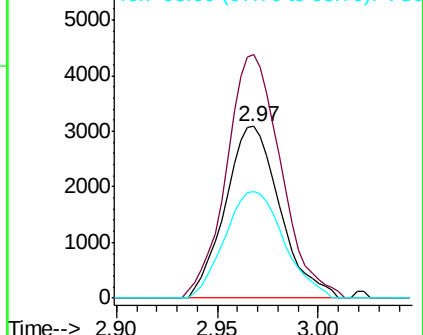


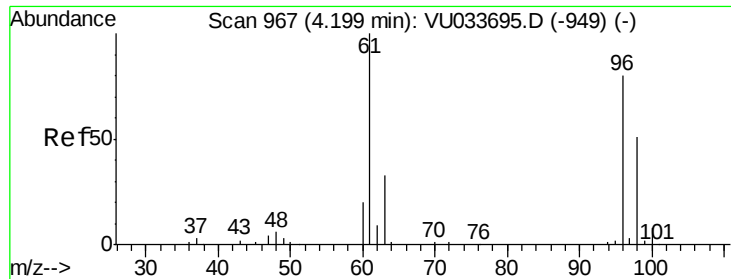
Abundance Ion 96.00 (95.70 to 96.70): VU033715.D (-490) (-)



Ion 61.00 (60.70 to 61.70): VU033715.D (-490) (-)

Ion 98.00 (97.70 to 98.70): VU033715.D (-490) (-)

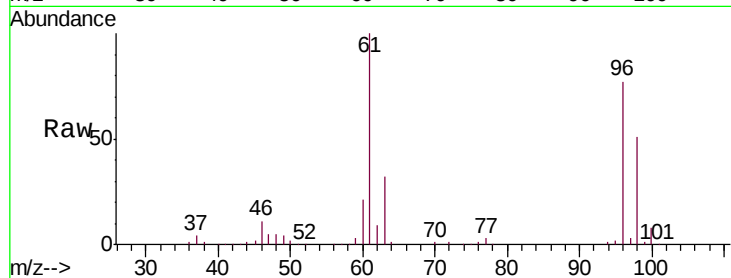




#20
 cis-1,2-Dichloroethene
 Concen: 88.927 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033715.D
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Tgt Ion: 96 Resp: 209660
 Ion Ratio Lower Upper
 96 100
 61 130.4 87.0 161.6
 68 0.0 0.0 0.0



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

