

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033699.D
 Acq On : 09 Aug 2019 21:42
 Operator : JC/SP
 Sample : K4202-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B27

Quant Time: Aug 12 02:32:54 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	377698	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	360794	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	182973	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	132791	47.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.52%
7) Chloroethane-d5	1.67	69	126096	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.50%
11) 1,1-Dichloroethene-d2	2.26	63	180030	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.02%
21) 2-Butanone-d5	4.15	46	274767	159.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	159.41%#
24) Chloroform-d	4.62	84	257760	62.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	124.80%
26) 1,2-Dichloroethane-d4	5.29	65	169746	65.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.44%#
32) Benzene-d6	5.32	84	523409	61.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.94%
36) 1,2-Dichloropropane-d6	6.31	67	171900	65.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	131.58%#
41) Toluene-d8	7.55	98	469139	58.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.16%
43) trans-1,3-Dichloropropene-	7.83	79	84175	63.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	127.58%#
47) 2-Hexanone-d5	8.29	63	215260	159.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	159.05%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	268051	69.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	138.70%#
64) 1,2-Dichlorobenzene-d4	11.84	152	204975	66.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	133.12%#

Target Compounds

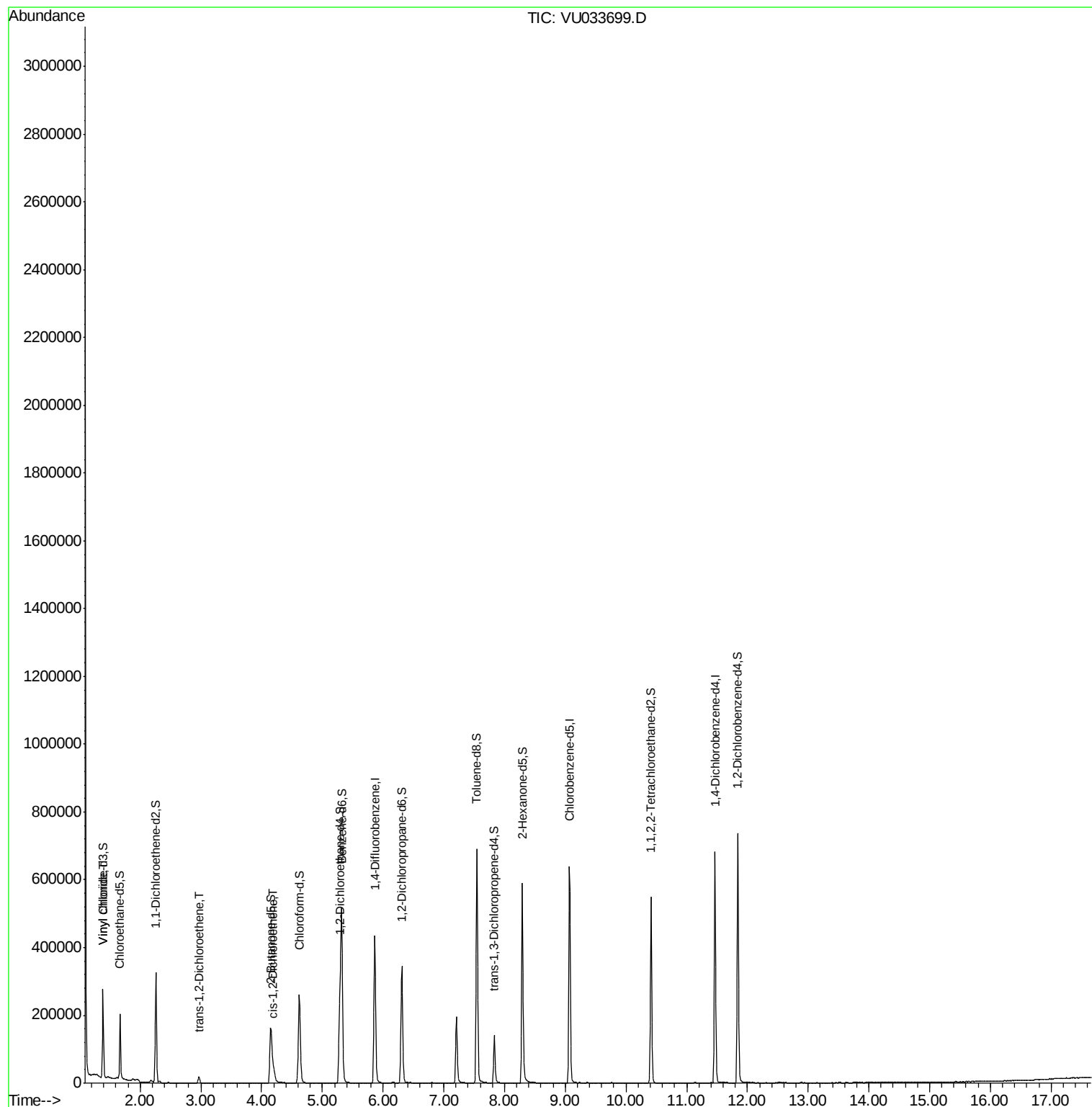
					Qvalue
5) Vinyl chloride	1.39	62	39861	12.537 ug/L	93
17) trans-1,2-Dichloroethene	2.97	96	7749	3.255 ug/L	88
20) cis-1,2-Dichloroethene	4.20	96	17121	6.306 ug/L	92

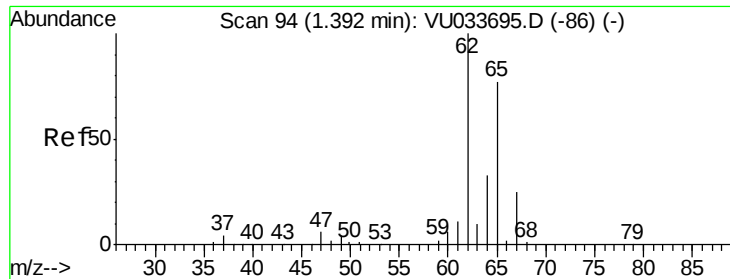
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.537 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033699.D

Acq: 09 Aug 2019 21:42

Instrument :

MSVOA_U

ClientSampleId :

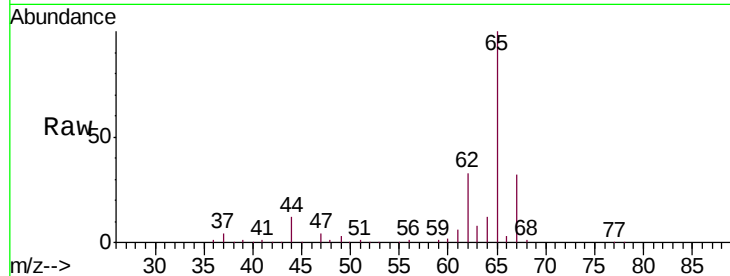
F2B27

Tgt Ion: 62 Resp: 39861

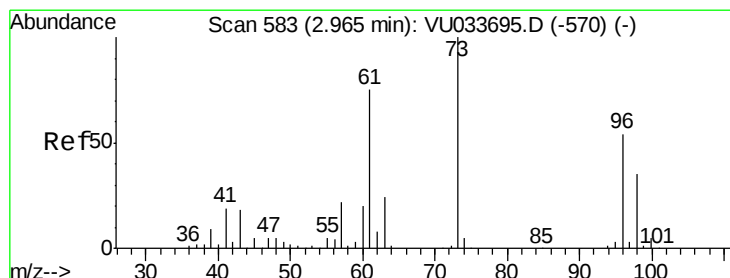
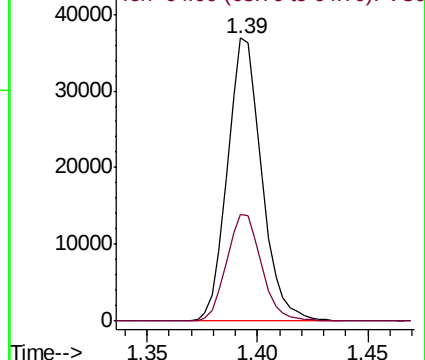
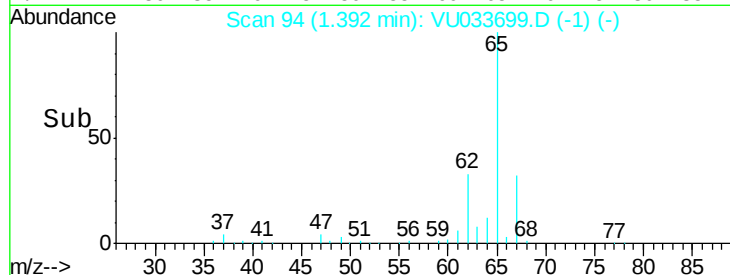
Ion Ratio Lower Upper

62 100

64 37.9 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU033699.D (-1) (-)



#17

trans-1,2-Dichloroethene

Concen: 3.255 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU033699.D

Acq: 09 Aug 2019 21:42

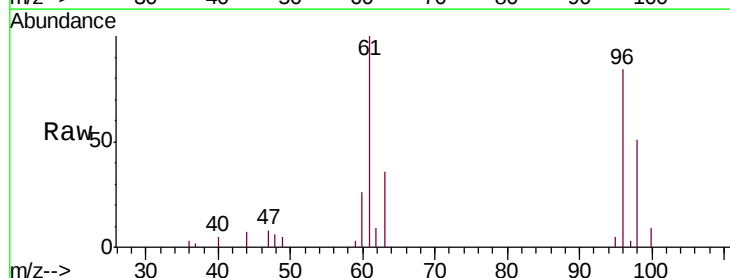
Tgt Ion: 96 Resp: 7749

Ion Ratio Lower Upper

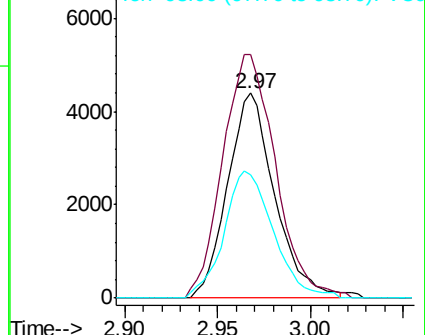
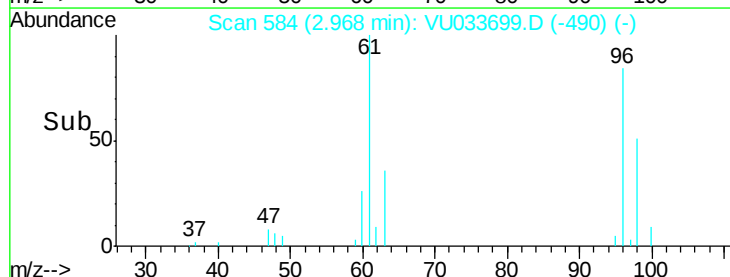
96 100

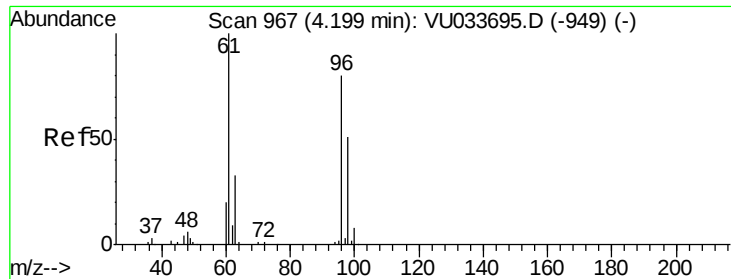
61 118.8 95.6 177.6

98 60.0 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VU033699.D (-490) (-)





#20
 cis-1,2-Dichloroethene
 Concen: 6.306 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VU033699.D
 Acq: 09 Aug 2019 21:42

Instrument :
 MSVOA_U
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Tgt Ion: 96 Resp: 17121
 Ion Ratio Lower Upper
 96 100
 61 115.3 87.0 161.6
 68 0.0 0.0 0.0

