

Data File : VU033732.D
Acq On : 10 Aug 2019 22:03
Operator : JC/SP
Sample : K4289-09RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B29RE

Quant Time: Aug 12 01:48:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Aug 11 04:51:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	292311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	291778	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	142178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37006	17.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	34.40%#
7) Chloroethane-d5	1.67	69	41101	19.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.12%#
11) 1,1-Dichloroethene-d2	2.26	63	51505	14.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	28.48%#
21) 2-Butanone-d5	4.15	46	157505	118.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.07%
24) Chloroform-d	4.62	84	118907	37.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.38%
26) 1,2-Dichloroethane-d4	5.29	65	79723	39.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.76%
32) Benzene-d6	5.32	84	192970	28.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	56.04%#
36) 1,2-Dichloropropane-d6	6.31	67	78996	37.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.76%
41) Toluene-d8	7.55	98	151866	23.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	46.90%#
43) trans-1,3-Dichloropropene-	7.83	79	33296	31.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.40%
47) 2-Hexanone-d5	8.29	63	110806	101.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.23%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	155932	49.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.76%
64) 1,2-Dichlorobenzene-d4	11.84	152	94935	39.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.34%#

Target Compounds

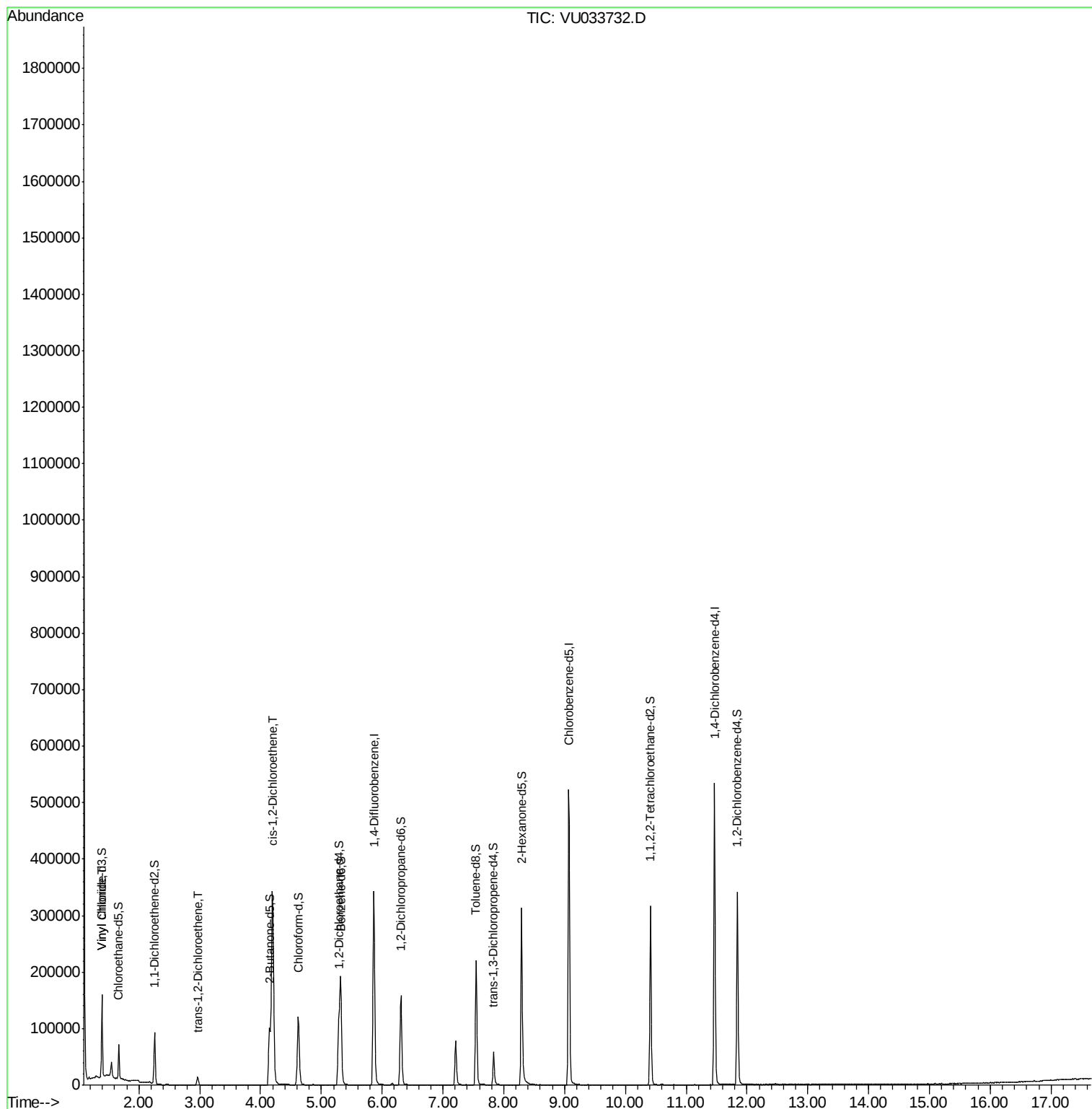
						Qvalue
5) Vinyl chloride	1.39	62	61863	25.140	ug/L	91
17) trans-1,2-Dichloroethene	2.97	96	5492	2.981	ug/L	90
20) cis-1,2-Dichloroethene	4.20	96	194415	92.519	ug/L	94

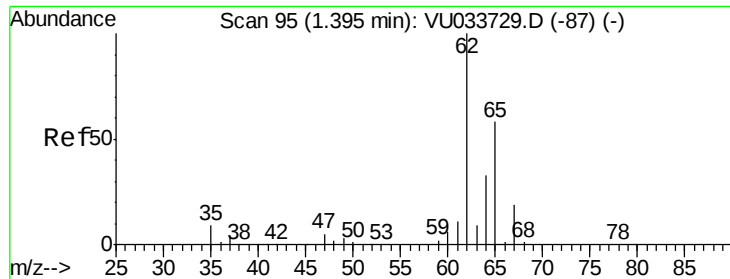
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 25.140 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

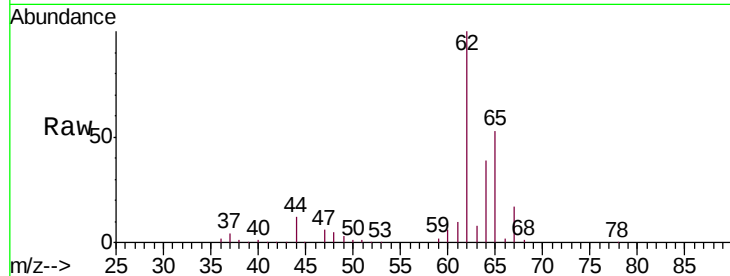
F2B29RE

Tgt Ion: 62 Resp: 61863

Ion Ratio Lower Upper

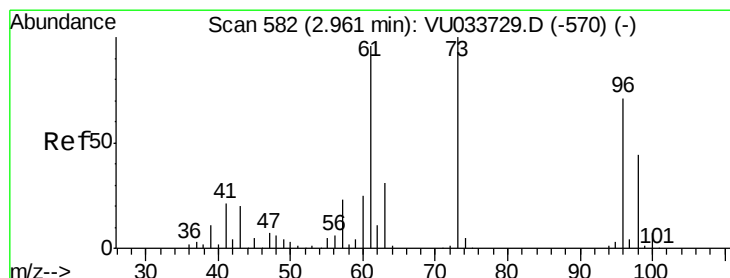
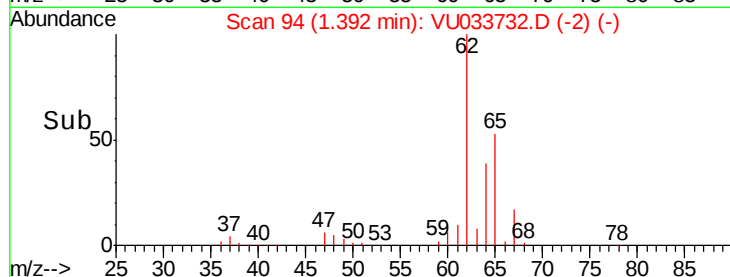
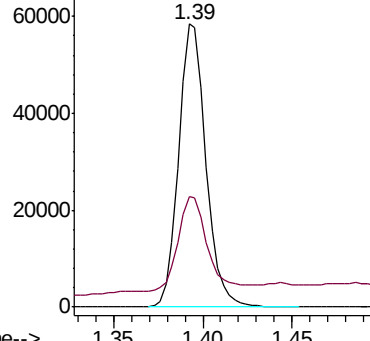
62 100

64 39.0 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU033732.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU033732.D (-87) (-)



#17

trans-1,2-Dichloroethene

Concen: 2.981 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.01 min

Lab File: VU033732.D

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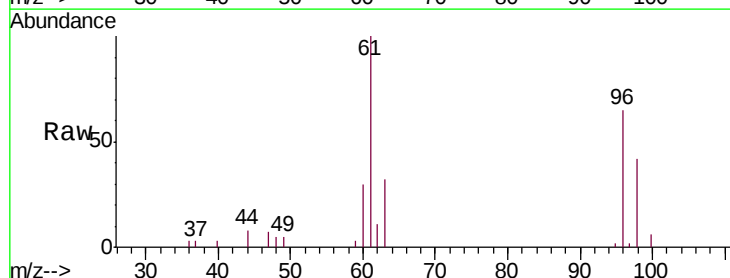
Tgt Ion: 96 Resp: 5492

Ion Ratio Lower Upper

96 100

61 153.8 95.6 177.6

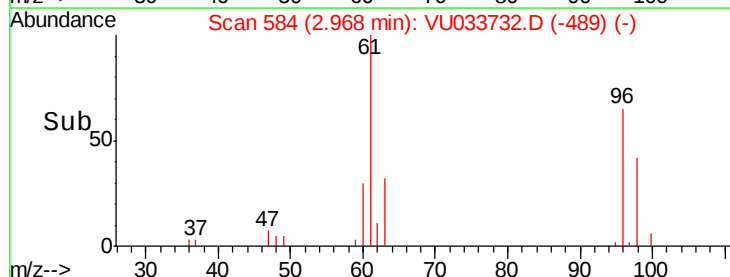
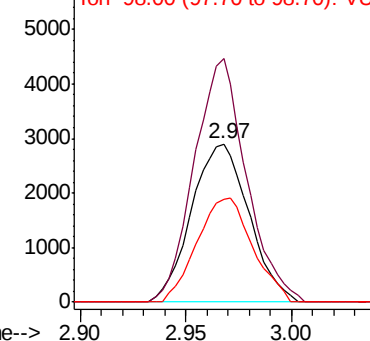
98 64.9 44.6 82.8

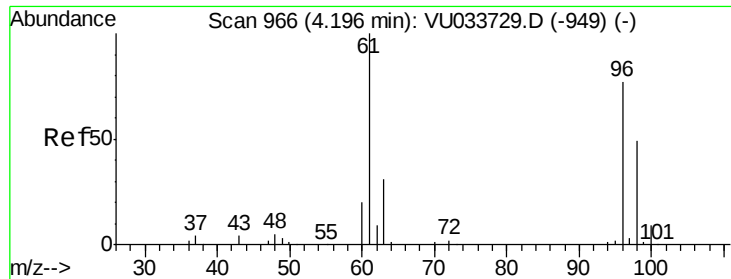


Abundance Ion 96.00 (95.70 to 96.70): VU033732.D (-570) (-)

Ion 61.00 (60.70 to 61.70): VU033732.D (-570) (-)

Ion 98.00 (97.70 to 98.70): VU033732.D (-570) (-)





#20
 cis-1,2-Dichloroethene
 Concen: 92.519 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
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Tgt Ion: 96 Resp: 194415
 Ion Ratio Lower Upper
 96 100
 61 130.9 87.0 161.6
 68 0.0 0.0 0.0

