

Data File : VU033731.D
Acq On : 10 Aug 2019 21:40
Operator : JC/SP
Sample : K4289-08RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B28RE

Quant Time: Aug 12 09:19:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 04:45:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	298543	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	289614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	140207	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32968	15.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	30.00%#
7) Chloroethane-d5	1.67	69	36045	16.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	32.72%#
11) 1,1-Dichloroethene-d2	2.26	63	43982	11.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	23.80%#
21) 2-Butanone-d5	4.15	46	142655	104.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.71%
24) Chloroform-d	4.62	84	102814	31.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.98%#
26) 1,2-Dichloroethane-d4	5.29	65	66895	32.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.54%#
32) Benzene-d6	5.32	84	165842	24.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	48.52%#
36) 1,2-Dichloropropane-d6	6.31	67	67004	31.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	63.90%#
41) Toluene-d8	7.55	98	130435	20.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	40.58%#
43) trans-1,3-Dichloropropene-	7.83	79	25581	24.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.30%#
47) 2-Hexanone-d5	8.29	63	99722	91.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.79%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	136727	44.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	80979	34.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.64%#

Target Compounds

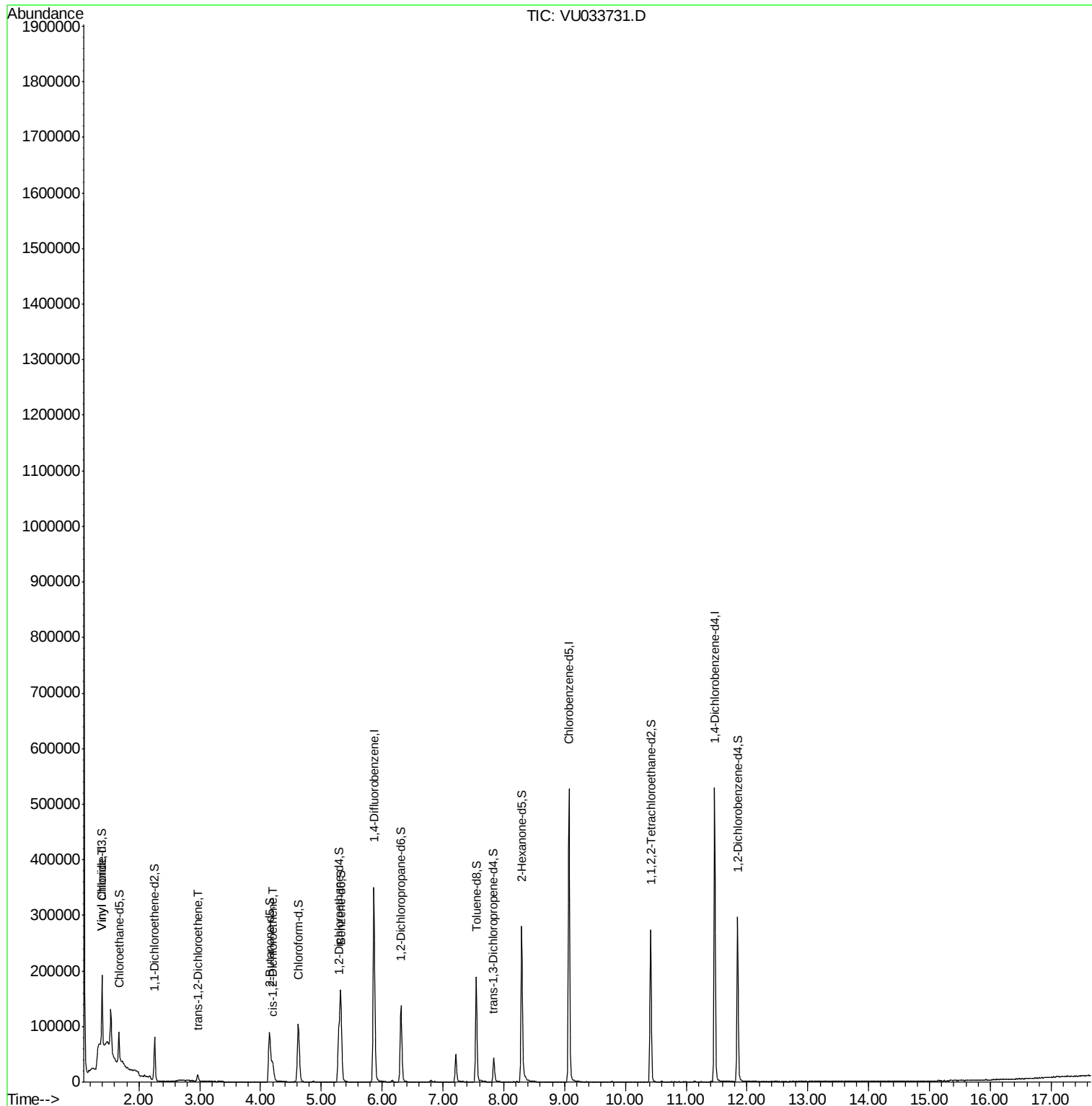
					Qvalue
5) Vinyl chloride	1.40	62	54197	21.565 ug/L	# 1
17) trans-1,2-Dichloroethene	2.96	96	4900	2.604 ug/L	84
20) cis-1,2-Dichloroethene	4.20	96	15545	7.243 ug/L	98

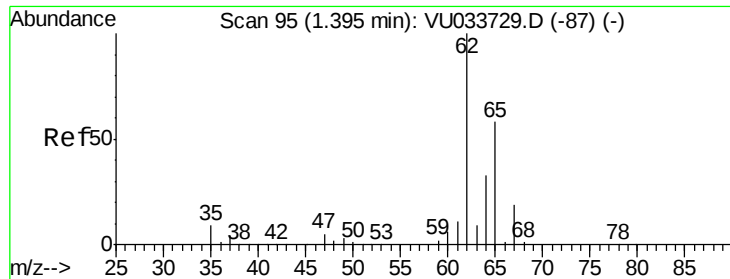
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 21.565 ug/L

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

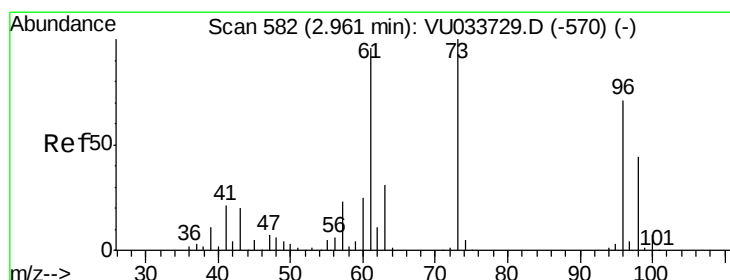
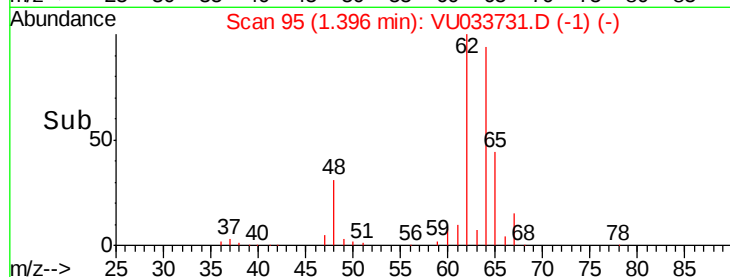
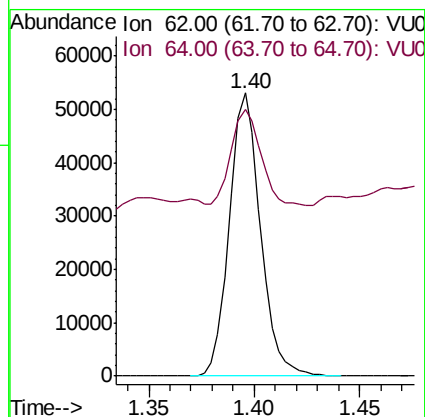
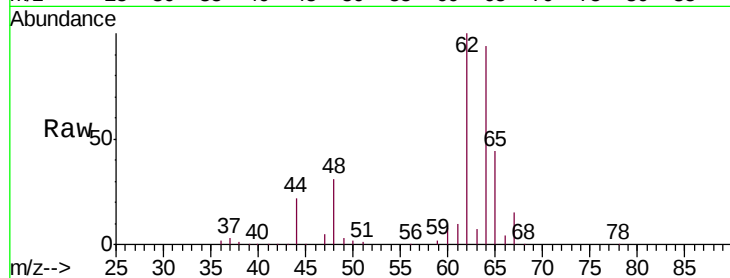
F2B28RE

Tgt Ion: 62 Resp: 54197

Ion Ratio Lower Upper

62 100

64 94.1 23.7 43.9#



#17

trans-1,2-Dichloroethene

Concen: 2.604 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

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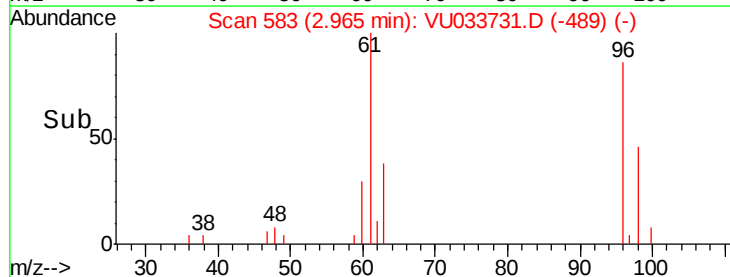
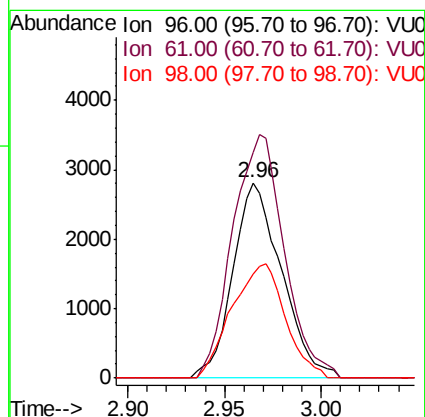
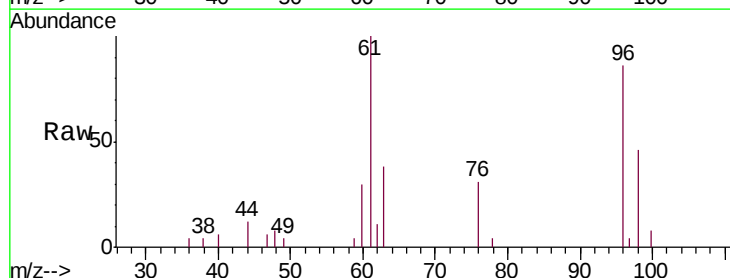
Tgt Ion: 96 Resp: 4900

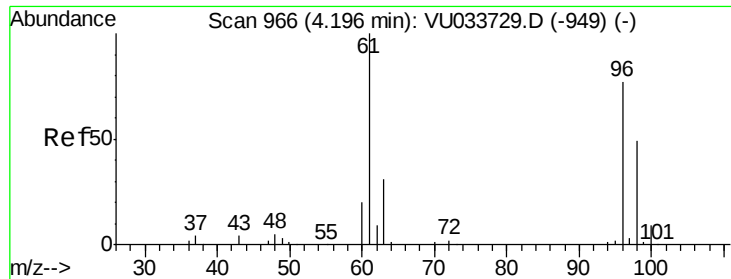
Ion Ratio Lower Upper

96 100

61 116.0 95.6 177.6

98 53.6 44.6 82.8





#20
 cis-1,2-Dichloroethene
 Concen: 7.243 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
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Tgt Ion: 96 Resp: 15545
 Ion Ratio Lower Upper
 96 100
 61 126.2 87.0 161.6
 68 0.0 0.0 0.0

