

Data File : VU033722.D
Acq On : 10 Aug 2019 12:57
Operator : JC/SP
Sample : K4289-10DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B30DL

Quant Time: Aug 12 01:07:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
Quant Title : VOC Analysis
QLast Update : Sun Aug 11 04:24:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	314638	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	306627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	149261	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	167374	72.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	144.52%#
7) Chloroethane-d5	1.67	69	141144	60.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.60%
11) 1,1-Dichloroethene-d2	2.26	63	240720	61.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.62%
21) 2-Butanone-d5	4.15	46	252154	175.61	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	175.61%#
24) Chloroform-d	4.62	84	275095	79.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	159.88%#
26) 1,2-Dichloroethane-d4	5.29	65	178515	82.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	165.94%#
32) Benzene-d6	5.32	84	566666	78.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	156.62%#
36) 1,2-Dichloropropane-d6	6.31	67	179490	80.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	161.66%#
41) Toluene-d8	7.55	98	508668	74.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	149.46%#
43) trans-1,3-Dichloropropene-	7.83	79	87475	78.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	156.00%#
47) 2-Hexanone-d5	8.29	63	187874	163.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	163.33%#
57) 1,1,2,2-Tetrachloroethane-	10.41	84	263301	80.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	160.30%#
64) 1,2-Dichlorobenzene-d4	11.85	152	201508	80.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	160.44%#

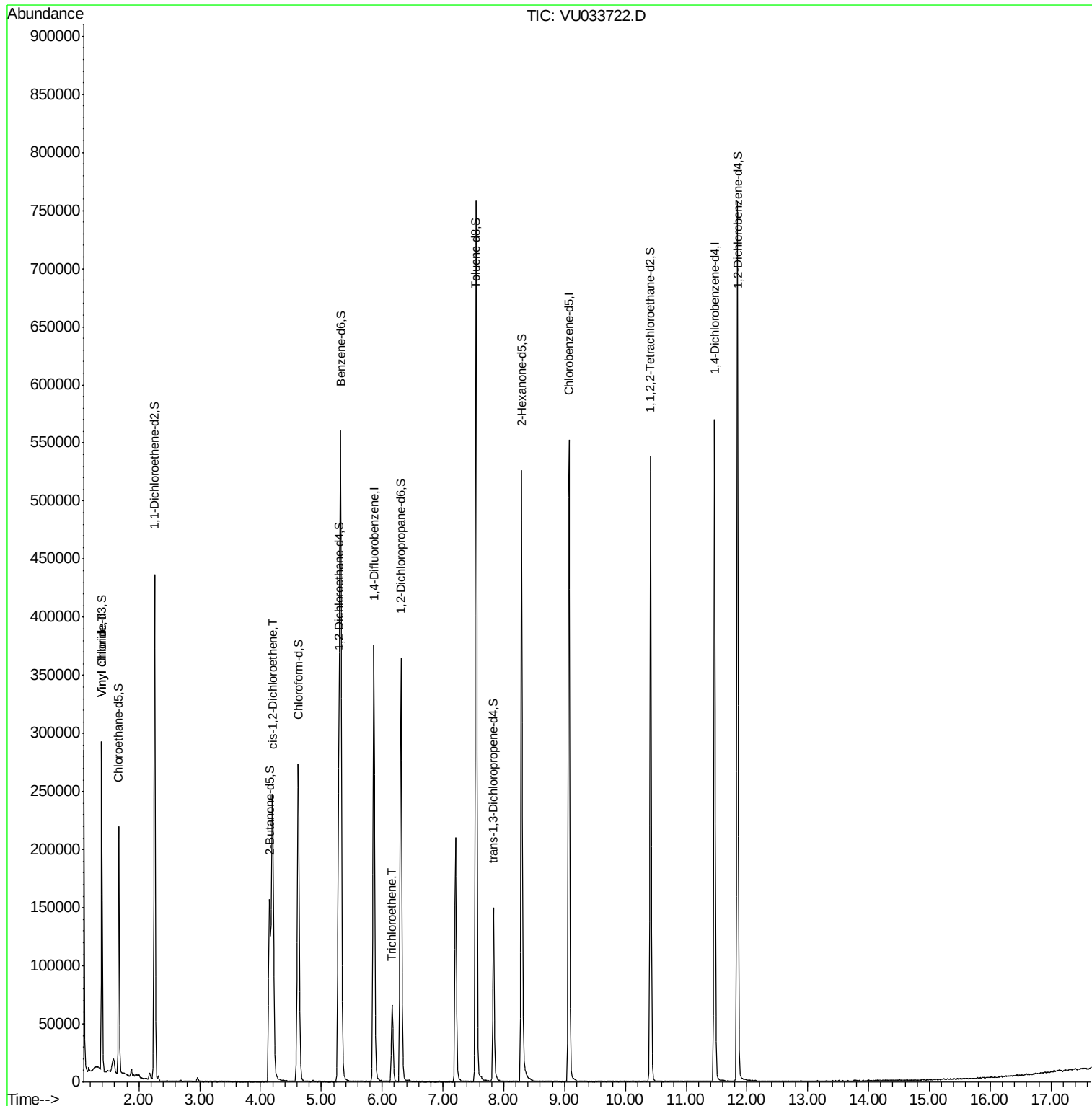
Target Compounds					Qvalue
5) Vinyl chloride	1.40	62	27803	10.497 ug/L	91
20) cis-1,2-Dichloroethene	4.20	96	136272	60.248 ug/L	95
34) Trichloroethene	6.17	95	22421	9.958 ug/L	93

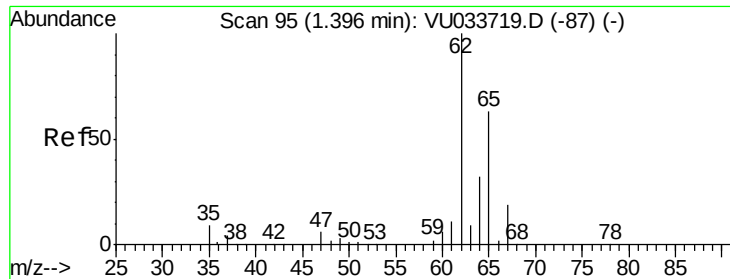
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.497 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

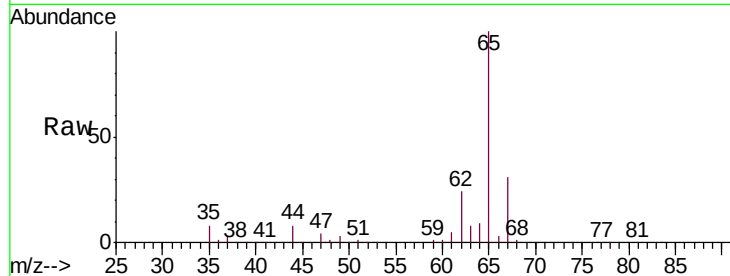
F2B30DL

Tgt Ion: 62 Resp: 27803

Ion Ratio Lower Upper

62 100

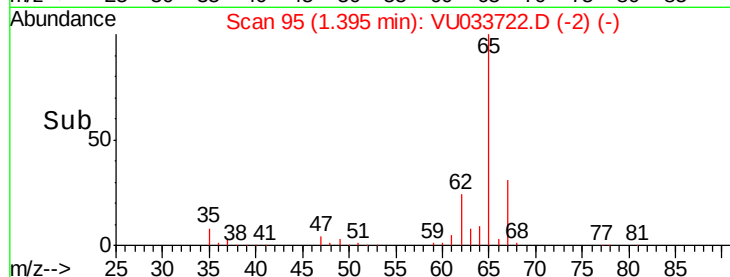
64 39.0 23.7 43.9



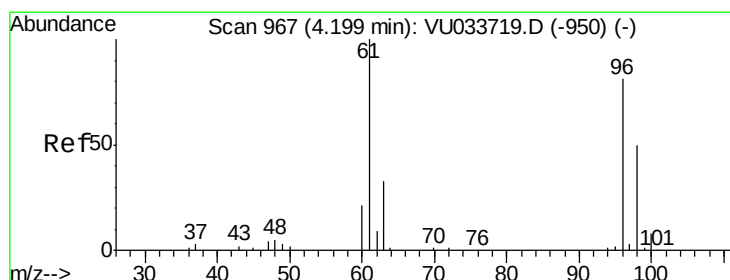
Abundance Ion 62.00 (61.70 to 62.70): VU033719.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU033719.D (-87) (-)

Time-->



Time-->



#20

cis-1,2-Dichloroethene

Concen: 60.248 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

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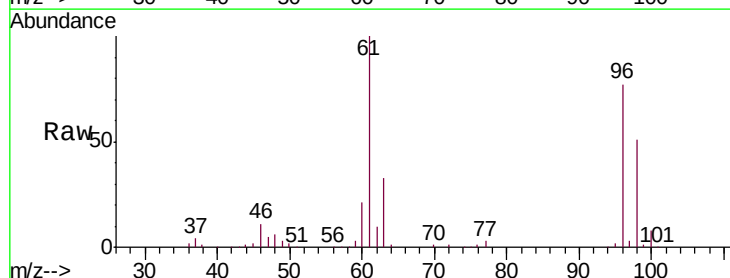
Tgt Ion: 96 Resp: 136272

Ion Ratio Lower Upper

96 100

61 130.3 87.0 161.6

68 0.0 0.0 0.0

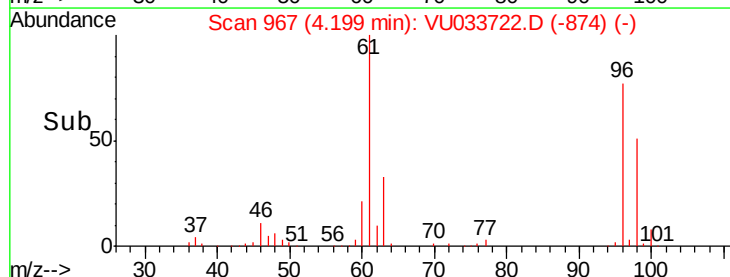


Abundance Ion 96.00 (95.70 to 96.70): VU033719.D (-950) (-)

Ion 61.00 (60.70 to 61.70): VU033719.D (-950) (-)

Ion 68.00 (67.70 to 68.70): VU033719.D (-950) (-)

Time-->



Time-->

Time-->

Time-->

Time-->

Time-->

Time-->

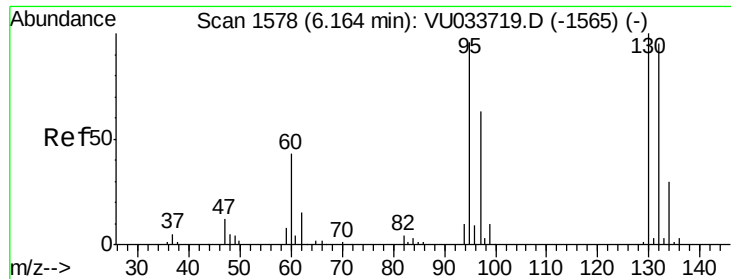
Time-->

Time-->

Time-->

Time-->

Time-->



#34

Trichloroethene

Concen: 9.958 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 95 Resp: 22421

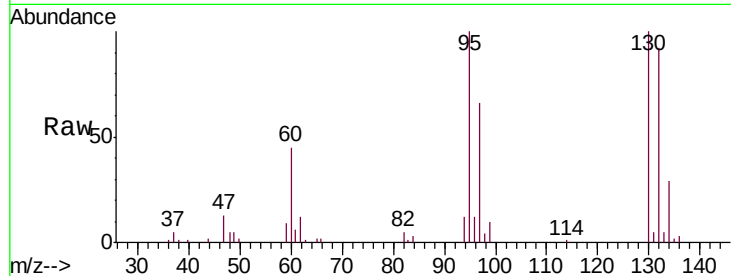
Ion Ratio Lower Upper

95 100

97 66.2 45.6 84.8

132 92.1 72.0 133.8

130 100.2 74.3 138.1



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

