

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080719\
 Data File : VU033619.D
 Acq On : 07 Aug 2019 16:08
 Operator : JC/SP
 Sample : K4202-02 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B01

Quant Time: Aug 08 03:50:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 08 03:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	312814	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	312436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	142245	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	98627	49.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.66%
7) Chloroethane-d5	1.67	69	91863	41.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.46%
11) 1,1-Dichloroethene-d2	2.26	63	130092	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	4.15	46	188634	116.47	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.47%
24) Chloroform-d	4.62	84	189732	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	5.29	65	127628	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
32) Benzene-d6	5.32	84	363666	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
36) 1,2-Dichloropropane-d6	6.31	67	125859	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.94%
41) Toluene-d8	7.55	98	308063	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%
43) trans-1,3-Dichloropropene-	7.83	79	56206	46.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.42%
47) 2-Hexanone-d5	8.30	63	128450	107.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.40%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	197493	52.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	138222	54.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.22%

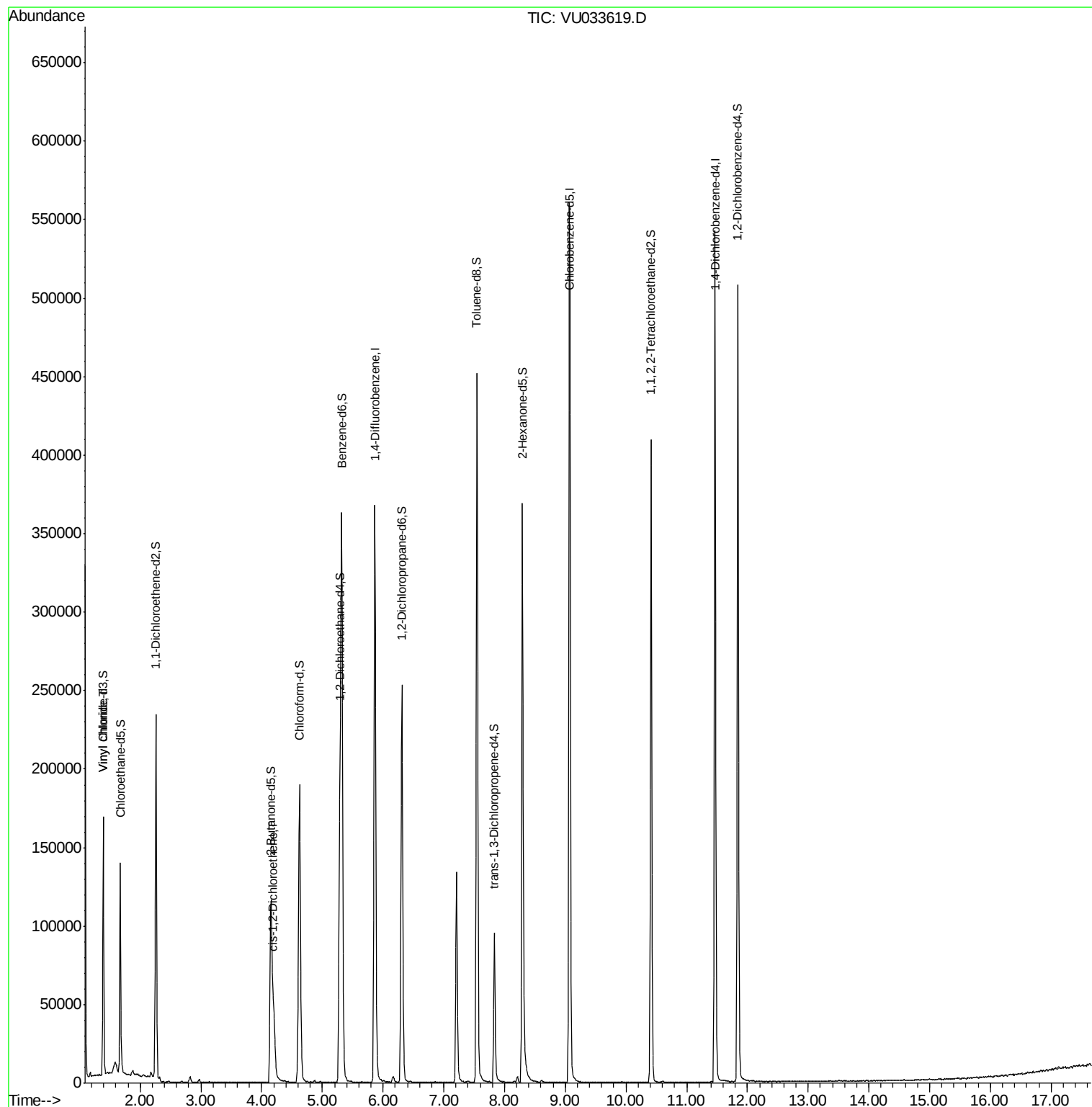
Target Compounds					Ovalue
5) Vinyl chloride	1.40	62	15977	5.037 ug/L	83
20) cis-1,2-Dichloroethene	4.20	96	18336	7.627 ug/L	89

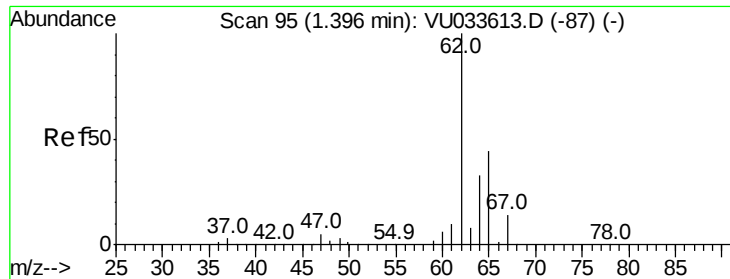
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.037 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

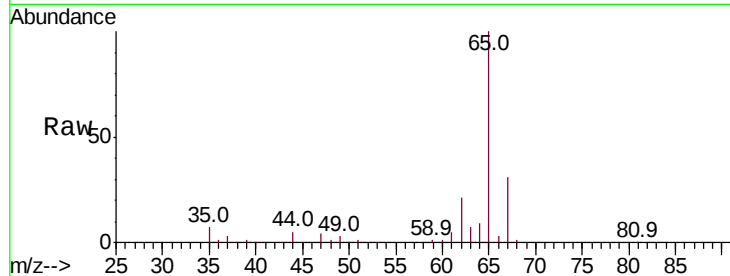
F2B01

Tot Ion: 62 Resp: 15977

Ion Ratio Lower Upper

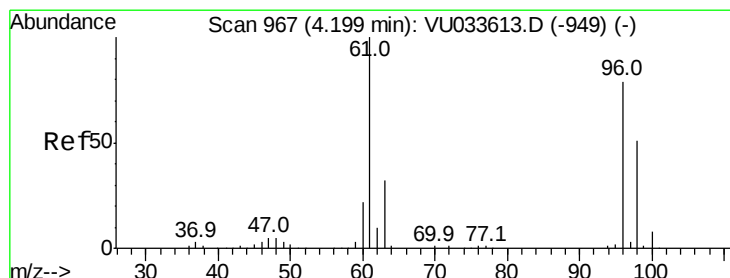
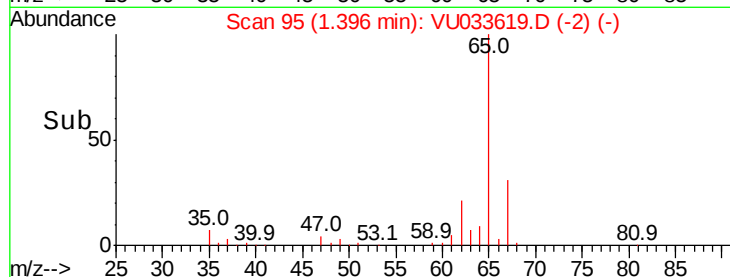
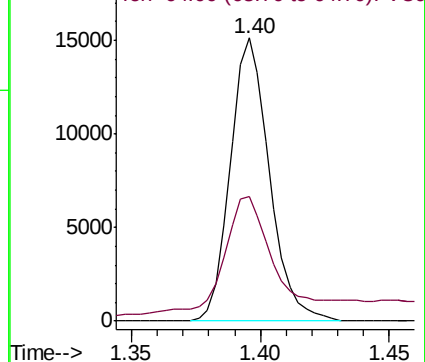
62 100

64 44.0 23.8 44.2



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 7.627 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

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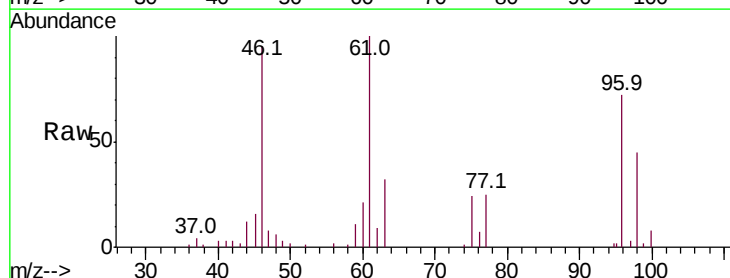
Tgt Ion: 96 Resp: 18336

Ion Ratio Lower Upper

96 100

61 138.8 88.2 163.8

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

