

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080719\
 Data File : VU033624.D
 Acq On : 07 Aug 2019 18:03
 Operator : JC/SP
 Sample : K4202-04 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B04

Quant Time: Aug 08 04:13:32 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	301321	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	303734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	137381	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	93179	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.78%
7) Chloroethane-d5	1.67	69	93617	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.24%
11) 1,1-Dichloroethene-d2	2.26	63	124867	33.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.98%
21) 2-Butanone-d5	4.15	46	179888	115.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.31%
24) Chloroform-d	4.62	84	178915	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
26) 1,2-Dichloroethane-d4	5.29	65	122574	53.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.04%
32) Benzene-d6	5.32	84	354004	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
36) 1,2-Dichloropropane-d6	6.31	67	122159	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.78%
41) Toluene-d8	7.55	98	299565	43.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.68%
43) trans-1,3-Dichloropropene-	7.83	79	53153	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.90%
47) 2-Hexanone-d5	8.30	63	124319	106.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.93%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	193851	53.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	134146	54.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.74%

Target Compounds

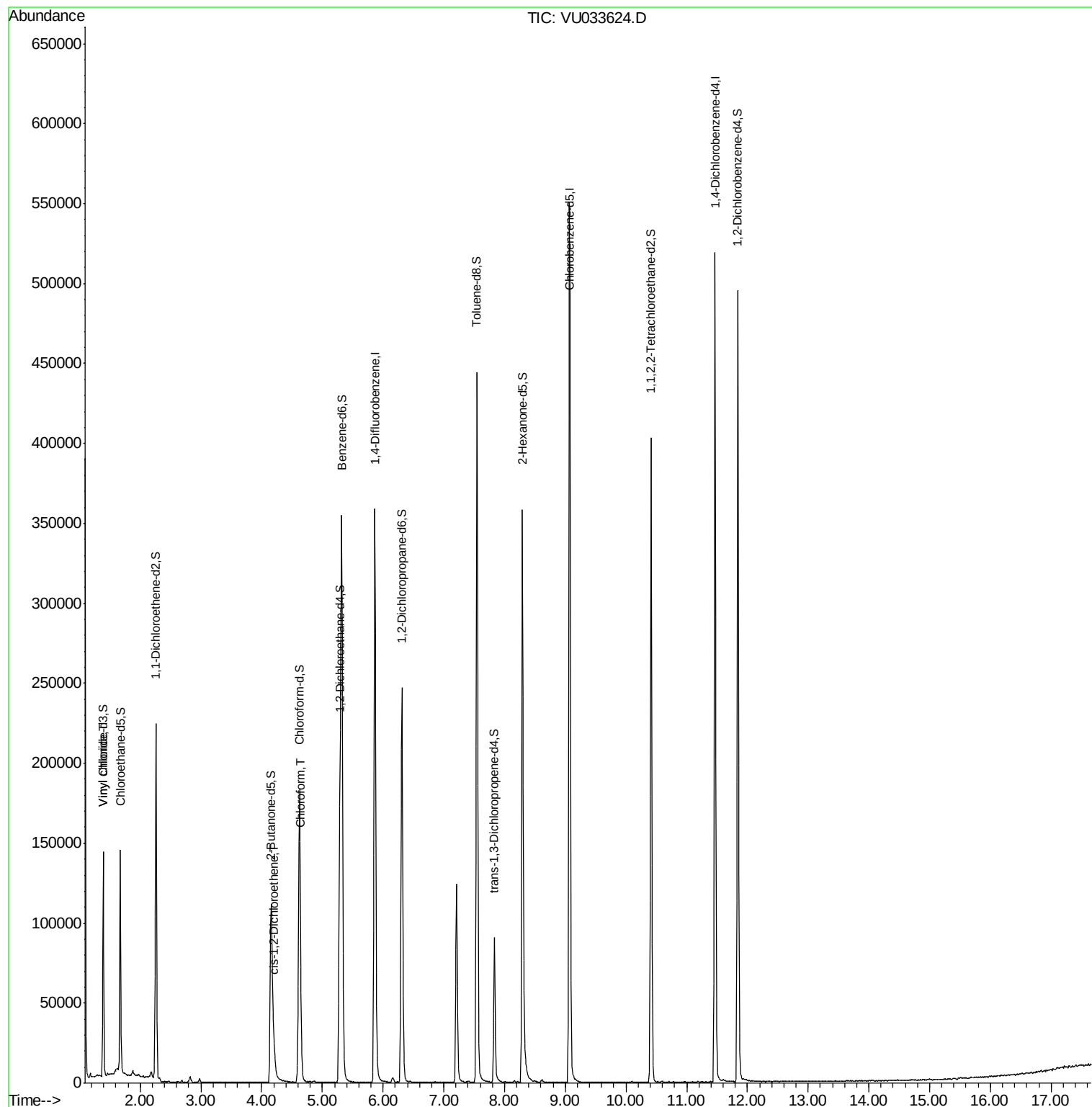
					Ovalue
5) Vinyl chloride	1.40	62	3048	0.998 ug/L	# 26
20) cis-1,2-Dichloroethene	4.20	96	5771	2.492 ug/L	94
25) Chloroform	4.65	83	8306	2.034 ug/L	95

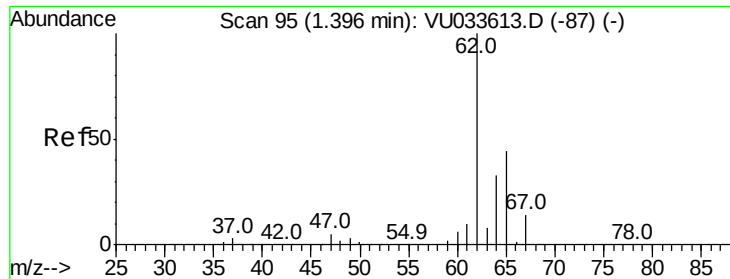
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.998 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

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Acq: 07 Aug 2019 18:03

Instrument :

MSVOA_U

ClientSampled :

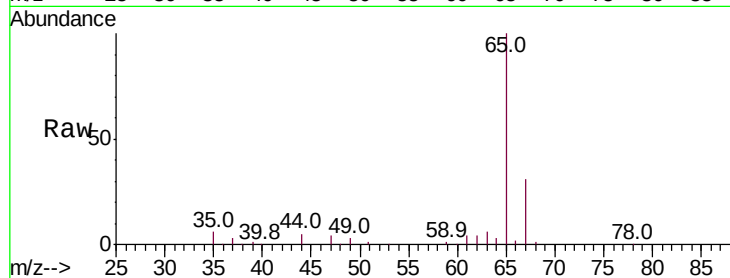
F2B04

Tot Ion: 62 Resp: 3048

Ion Ratio Lower Upper

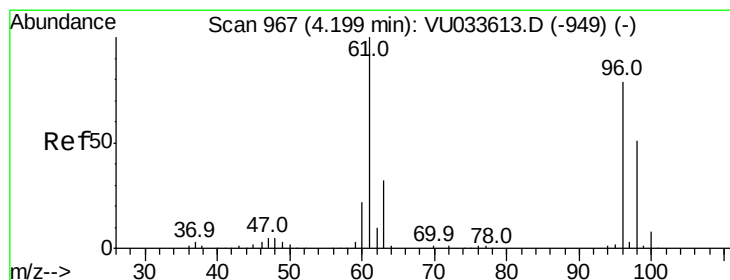
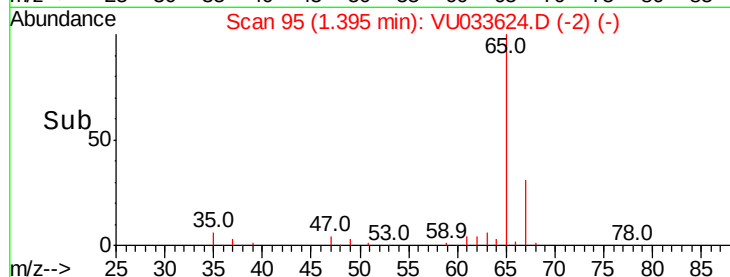
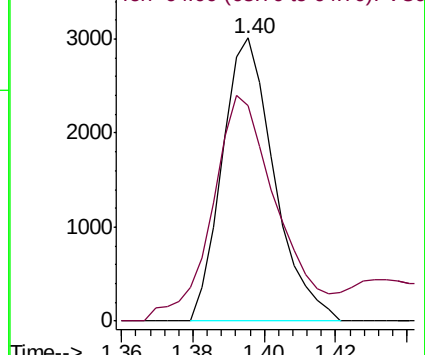
62 100

64 76.3 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: 2.492 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

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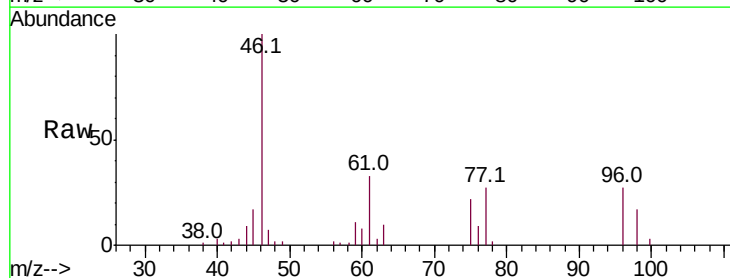
Tgt Ion: 96 Resp: 5771

Ion Ratio Lower Upper

96 100

61 119.6 88.2 163.8

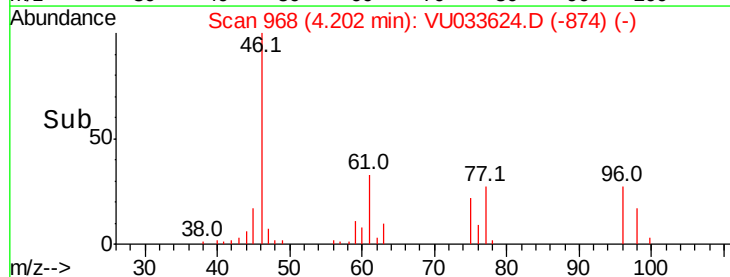
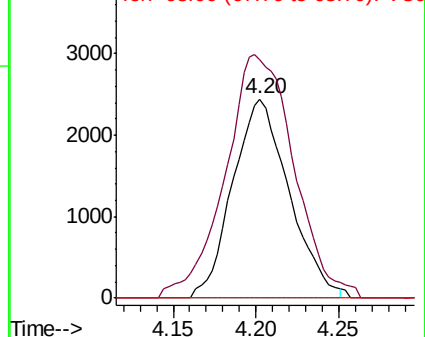
68 0.0 0.0 0.0

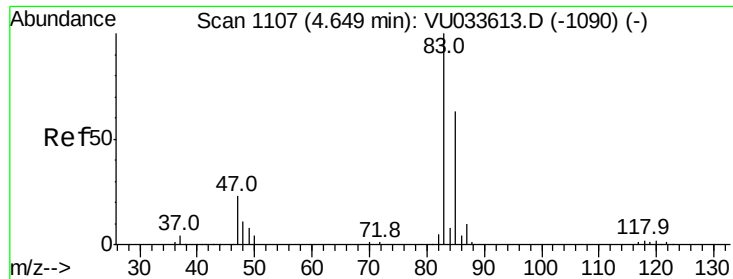


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#25
 Chloroform
 Concen: 2.034 ug/L
 RT: 4.65 min Scan# 1106
 Delta R.T. -0.00 min
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Tot Ion: 83 Resp: 8306
 Ion Ratio Lower Upper
 83 100
 85 67.9 44.9 83.3

