

Data File : VU035704.D
Acq On : 13 Nov 2019 15:15
Operator : JC/SP
Sample : K5798-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Nov 14 07:41:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 14 07:39:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	686347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	655461	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	205758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	240841	43.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.90%
7) Chloroethane-d5	1.93	69	211755	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.66%
11) 1,1-Dichloroethene-d2	2.59	63	296995	34.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.90%
21) 2-Butanone-d5	4.69	46	334374	103.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.26%
24) Chloroform-d	5.11	84	405960	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	5.75	65	259923	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
32) Benzene-d6	5.77	84	877743	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
36) 1,2-Dichloropropane-d6	6.73	67	280954	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.42%
41) Toluene-d8	7.93	98	791319	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.21	79	128642	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.80%
47) 2-Hexanone-d5	8.68	63	222594	104.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	385442	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	12.22	152	218779	52.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.44%

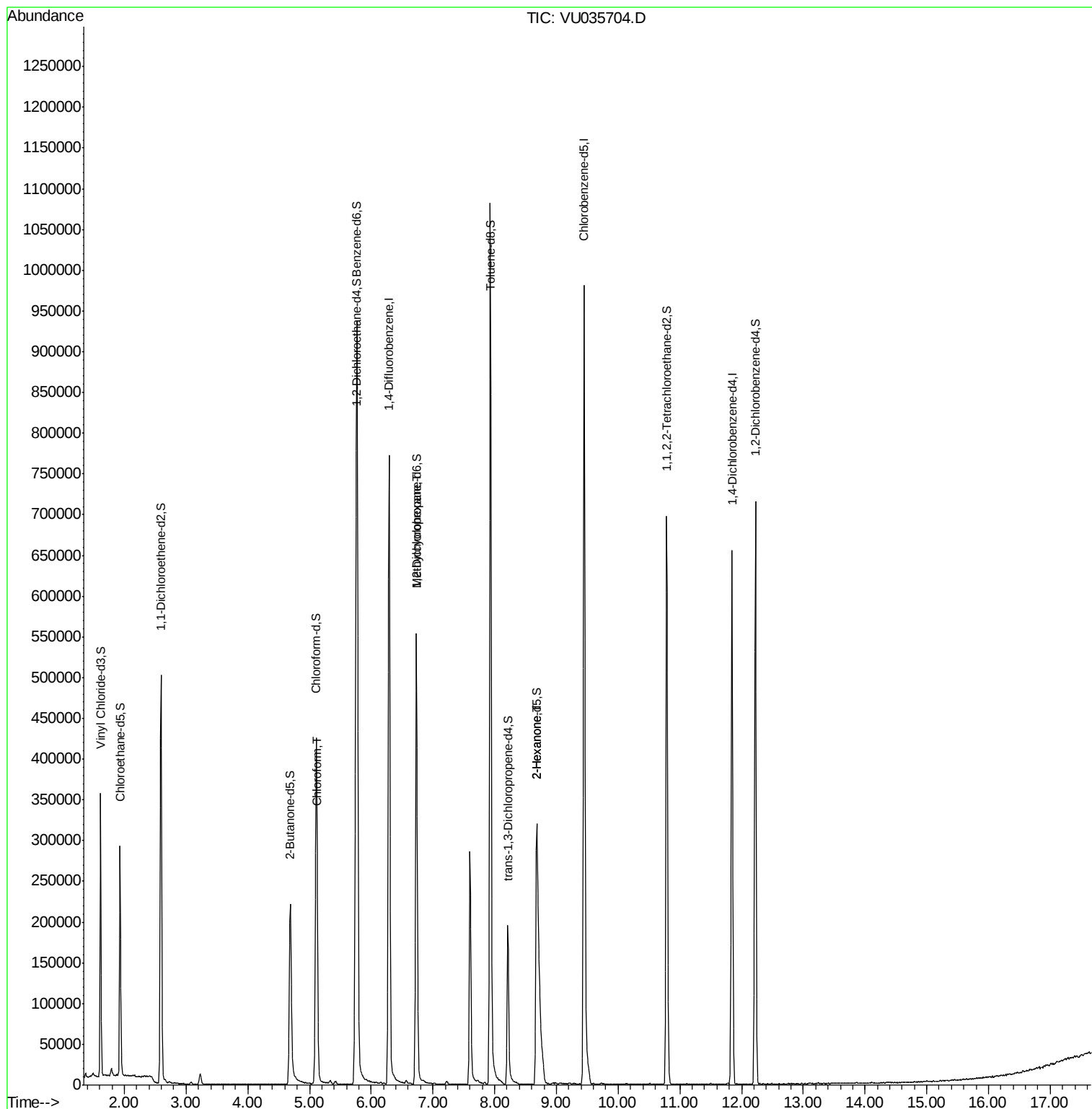
Target Compounds					Qvalue
25) Chloroform	5.13	83	12792	1.479 ug/L	93
35) Methylcyclohexane	6.73	83	63527	9.340 ug/L #	20
48) 2-Hexanone	8.68	43	14820	2.761 ug/L #	50

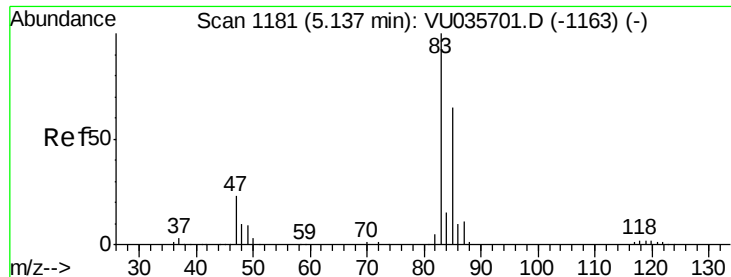
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.479 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

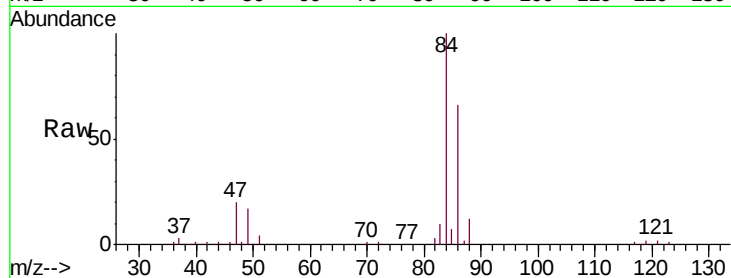
VHBLK01

Tgt Ion: 83 Resp: 12792

Ion Ratio Lower Upper

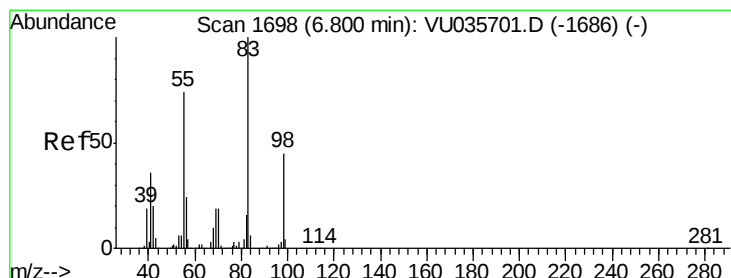
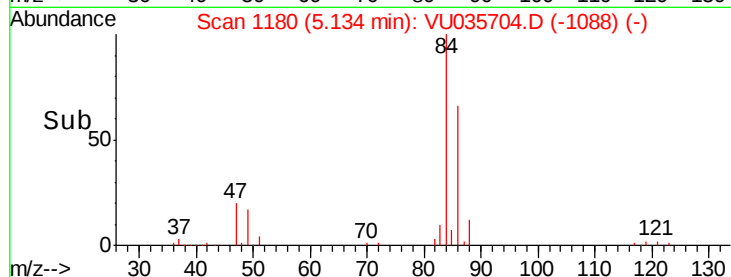
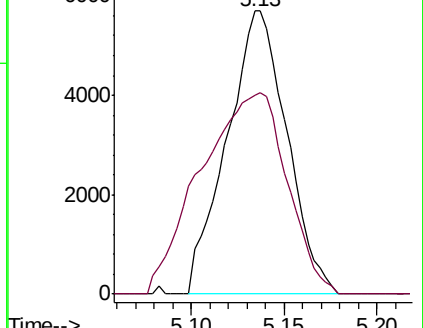
83 100

85 70.1 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VU035701.D (-1163) (-)

Ion 85.00 (84.70 to 85.70): VU035701.D (-1163) (-)



#35

Methylcyclohexane

Concen: 9.340 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

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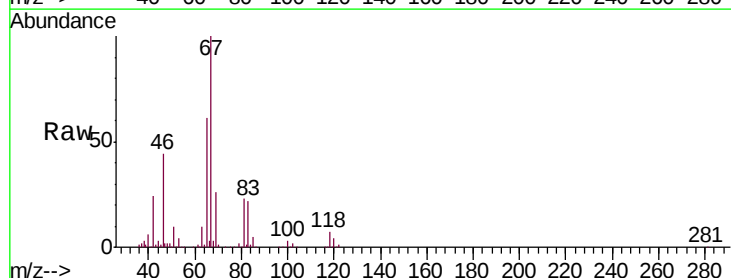
Tgt Ion: 83 Resp: 63527

Ion Ratio Lower Upper

83 100

55 0.3 61.0 91.4#

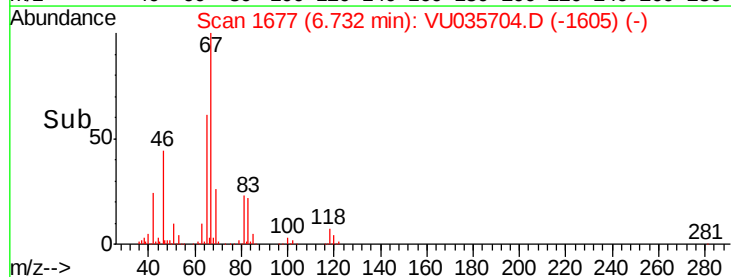
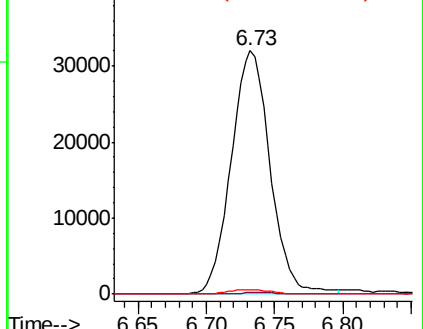
98 1.9 36.6 54.8#

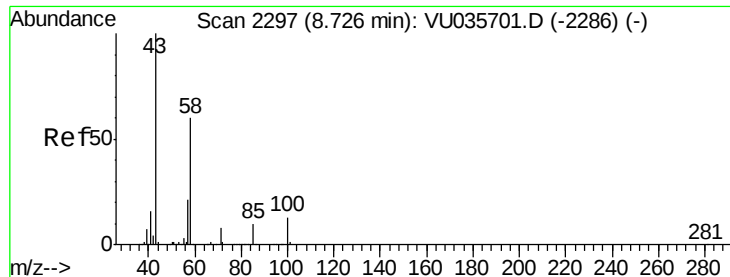


Abundance Ion 83.00 (82.70 to 83.70): VU035701.D (-1686) (-)

Ion 55.00 (54.70 to 55.70): VU035701.D (-1686) (-)

Ion 98.00 (97.70 to 98.70): VU035701.D (-1686) (-)





#48

2-Hexanone

Concen: 2.761 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 14820

Ion Ratio Lower Upper

43 100

58 15.6 50.4 75.6#

57 35.6 17.4 26.0#

100 0.3 10.5 15.7#

