

Data File : VU034605.D
Acq On : 17 Sep 2019 10:51
Operator : JC/SP
Sample : VU0917WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK32

Quant Time: Sep 18 04:33:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 18 04:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	251898	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	231988	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	89503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57986	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.42%
7) Chloroethane-d5	1.67	69	50809	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.72%
11) 1,1-Dichloroethene-d2	2.26	63	94536	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.04%
21) 2-Butanone-d5	4.15	46	160350	117.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.01%
24) Chloroform-d	4.62	84	143473	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.28	65	94485	56.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.24%
32) Benzene-d6	5.32	84	271673	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.52%
36) 1,2-Dichloropropane-d6	6.31	67	101743	53.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.16%
41) Toluene-d8	7.54	98	258391	52.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.34%
43) trans-1,3-Dichloropropene-	7.83	79	47066	51.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.92%
47) 2-Hexanone-d5	8.29	63	109570	106.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.37%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	153646	51.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.58%
64) 1,2-Dichlorobenzene-d4	11.84	152	86854	54.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.80%

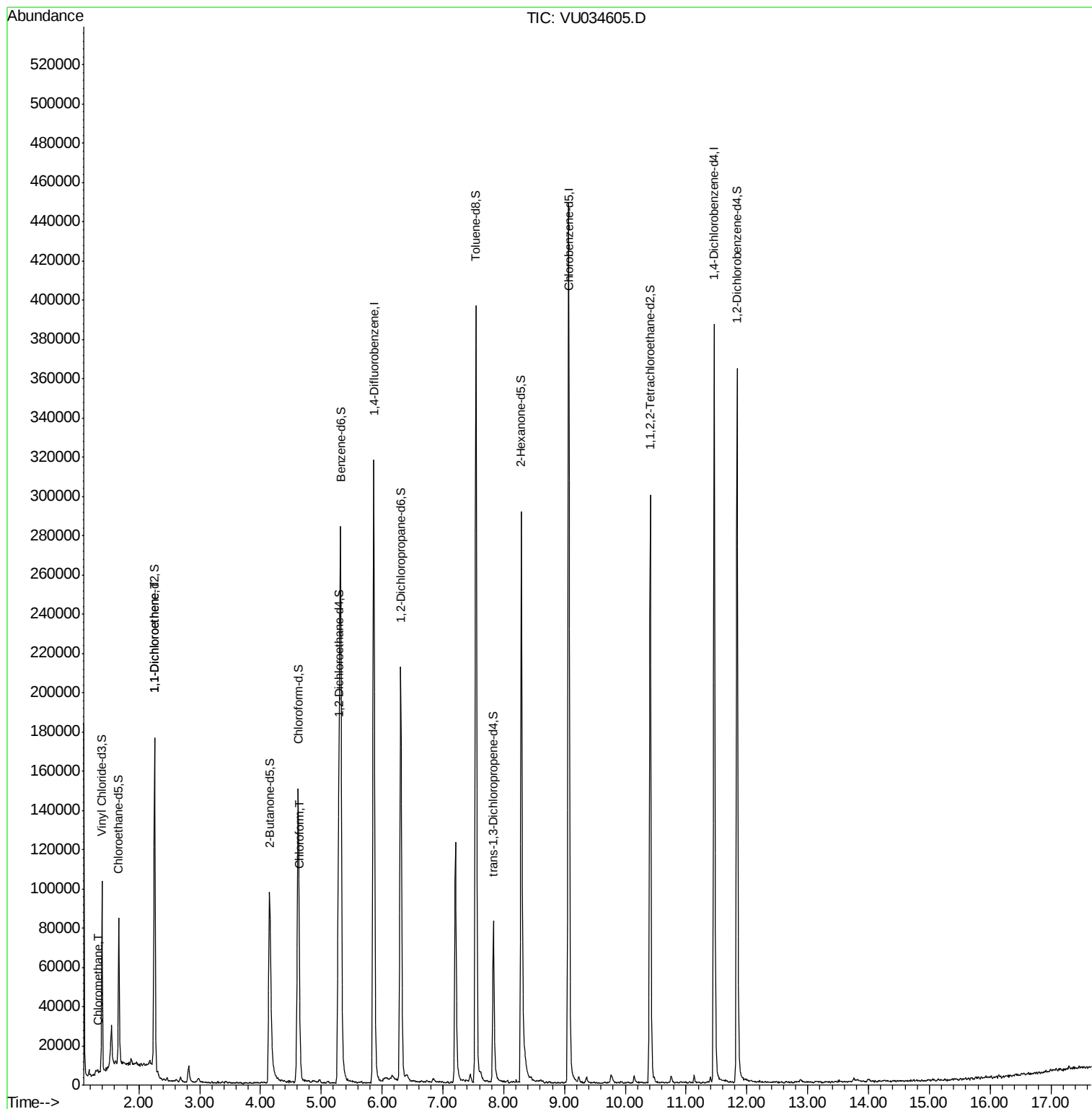
Target Compounds					Qvalue
3) Chloromethane	1.32	50	1305	0.824 ug/L	96
12) 1,1-Dichloroethene	2.26	96	1204	1.006 ug/L #	1
25) Chloroform	4.65	83	3109	1.031 ug/L #	74

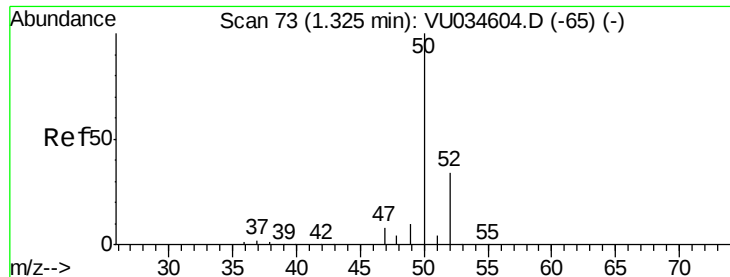
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.824 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

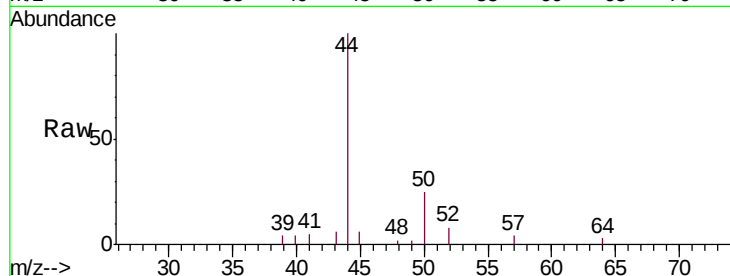
VBLK32

Tgt Ion: 50 Resp: 1305

Ion Ratio Lower Upper

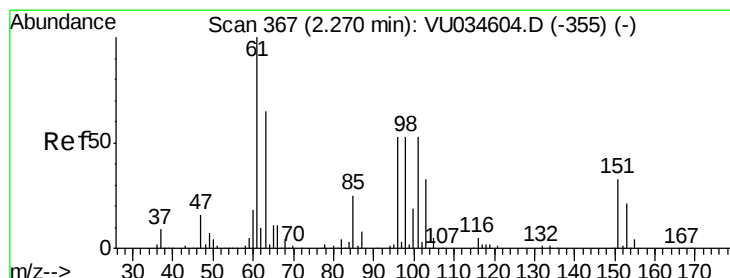
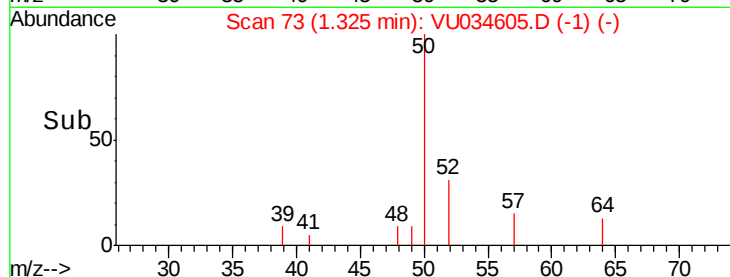
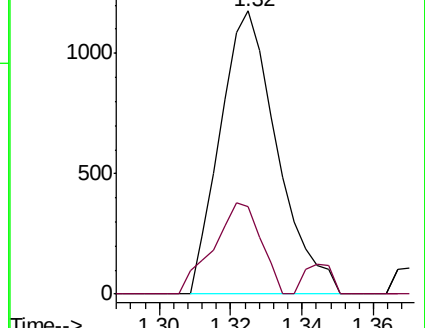
50 100

52 31.1 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VU034605.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU034605.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 1.006 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

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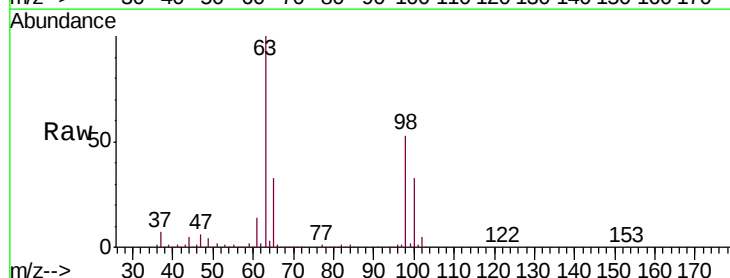
Tgt Ion: 96 Resp: 1204

Ion Ratio Lower Upper

96 100

61 1235.4 117.8 218.8#

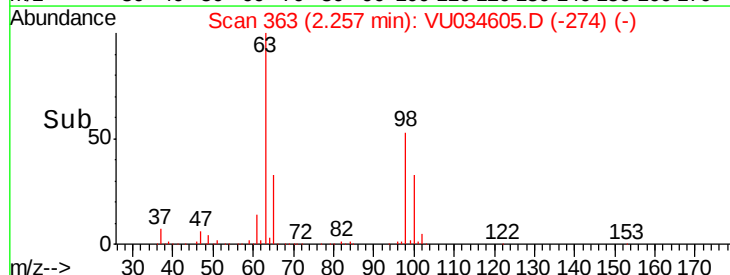
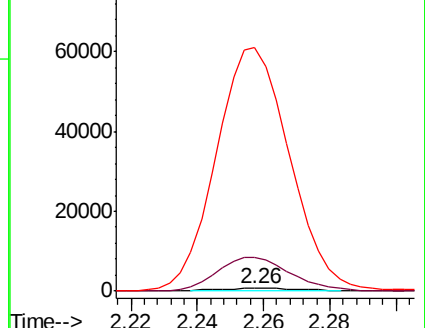
63 8882.7 83.8 155.6#

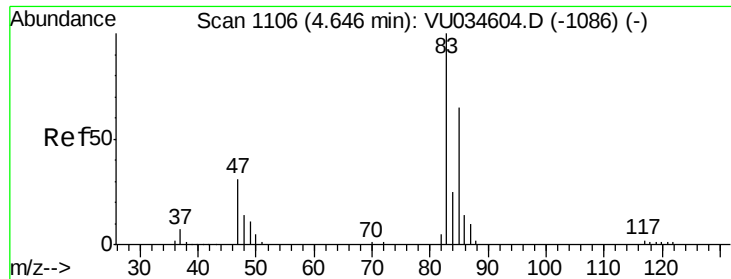


Abundance Ion 96.00 (95.70 to 96.70): VU034605.D (-274) (-)

Ion 61.00 (60.70 to 61.70): VU034605.D (-274) (-)

Ion 63.00 (62.70 to 63.70): VU034605.D (-274) (-)





#25

Chloroform

Concen: 1.031 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

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Tgt Ion: 83 Resp: 3109

Ion Ratio Lower Upper

83 100

85 87.5 46.6 86.6#

