

Data File : VU031736.D
Acq On : 03 May 2019 09:52
Operator : JC/SP
Sample : VU0503WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK57

Quant Time: May 04 02:38:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	849953	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	778341	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	321785	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	325901	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.62%
7) Chloroethane-d5	1.68	69	253177	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.12%
11) 1,1-Dichloroethene-d2	2.27	63	465446	32.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.72%
21) 2-Butanone-d5	4.19	46	653851	101.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.45%
24) Chloroform-d	4.64	84	564938	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	5.31	65	388383	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
32) Benzene-d6	5.34	84	1148354	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
36) 1,2-Dichloropropane-d6	6.32	67	410042	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.52%
41) Toluene-d8	7.56	98	958219	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%
43) trans-1,3-Dichloropropene-	7.85	79	165962	45.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.96%
47) 2-Hexanone-d5	8.31	63	421309	115.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	541663	48.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	319381	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

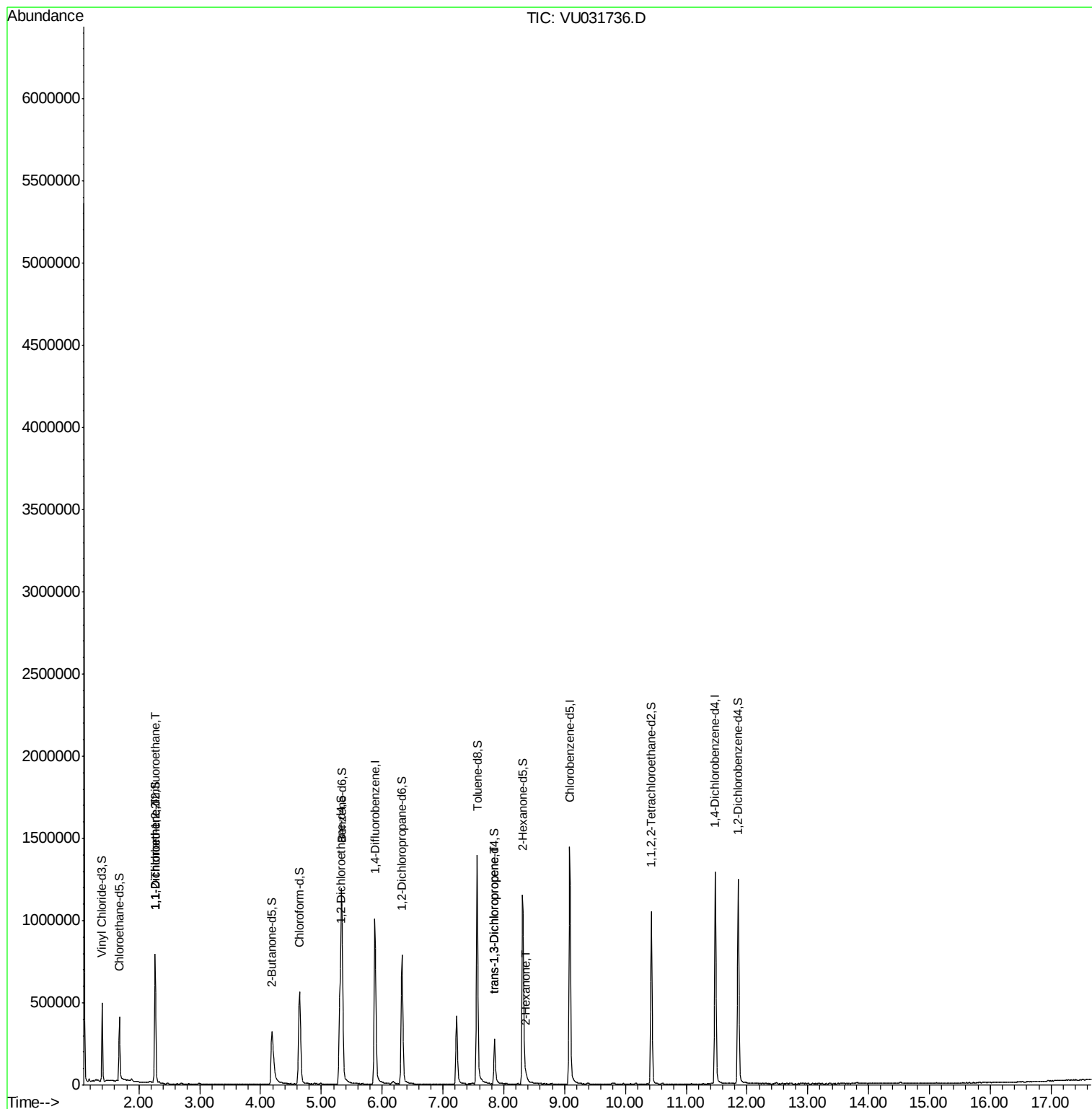
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4504	0.661	ug/L #	28
12) 1,1-Dichloroethene	2.27	96	3896	0.588	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	5603	0.575	ug/L #	71
48) 2-Hexanone	8.37	43	20888	2.066	ug/L #	49

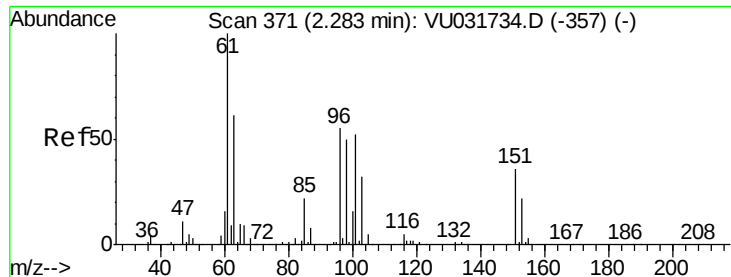
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.661 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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ClientSampleId :

VBLK57

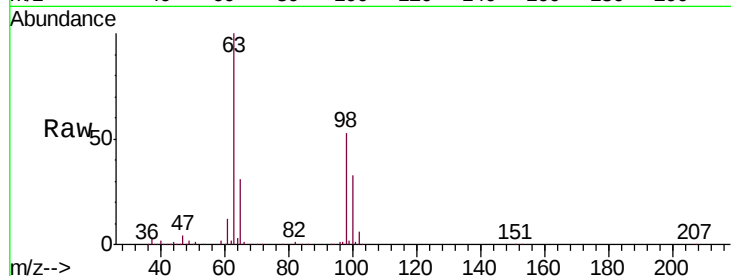
Tgt Ion:101 Resp: 4504

Ion Ratio Lower Upper

101 100

85 4.0 36.1 54.1#

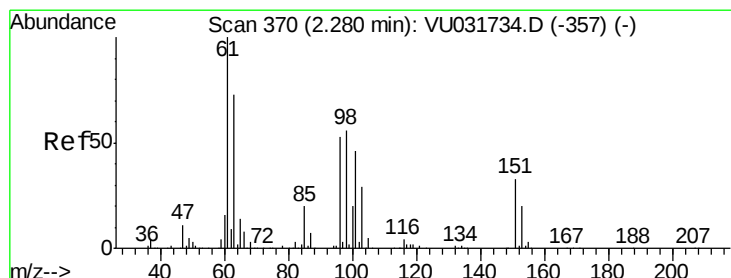
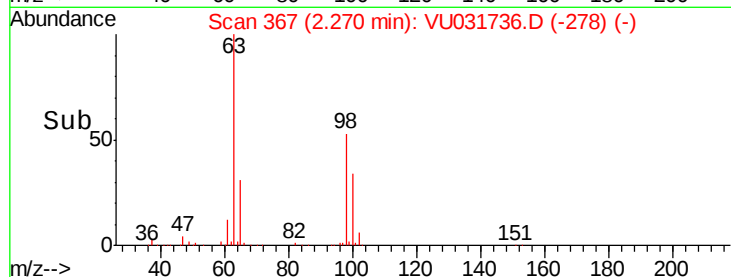
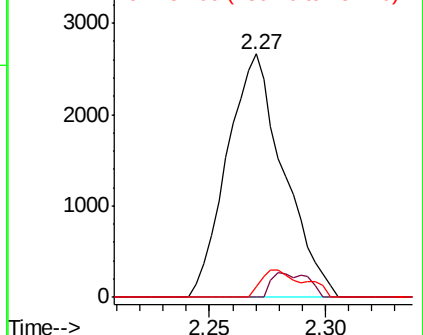
151 6.6 56.1 84.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.588 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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Acq: 03 May 2019 09:52

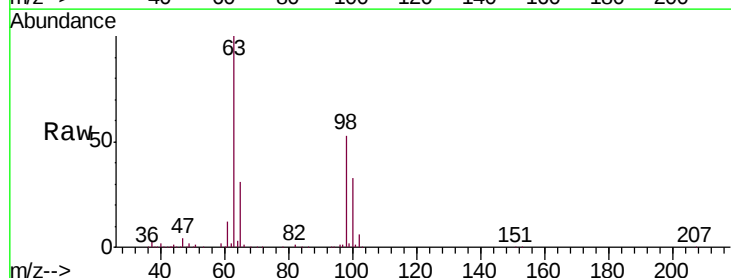
Tgt Ion: 96 Resp: 3896

Ion Ratio Lower Upper

96 100

61 1575.5 135.0 250.6#

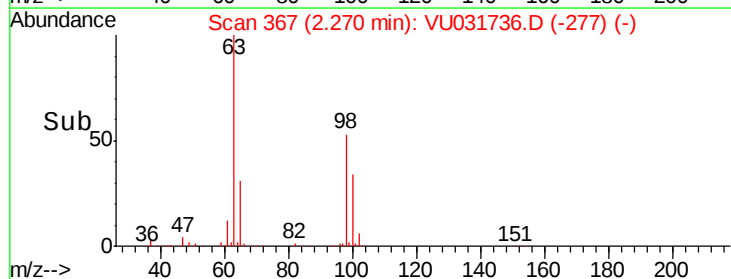
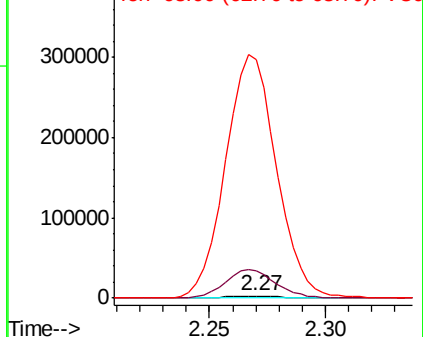
63 13598.5 103.5 192.3#

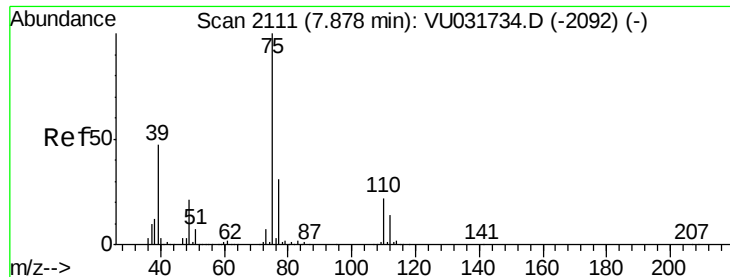


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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MSVOA_U

ClientSampleId :

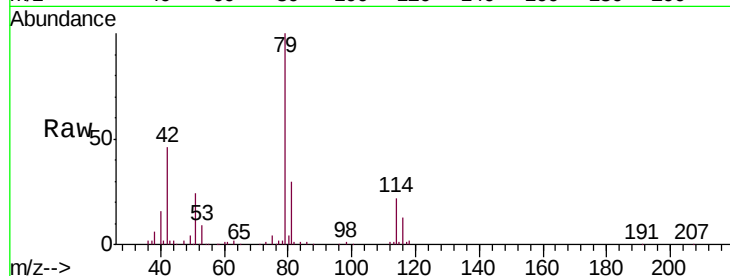
VBLK57

Tgt Ion: 75 Resp: 5603

Ion Ratio Lower Upper

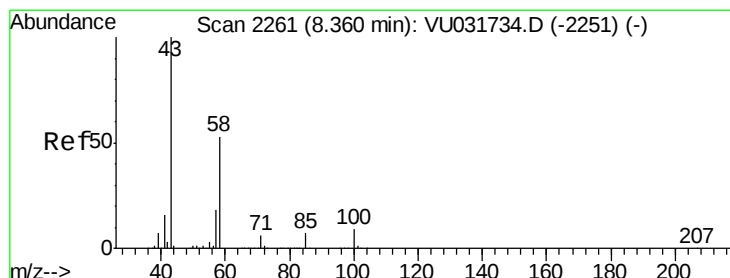
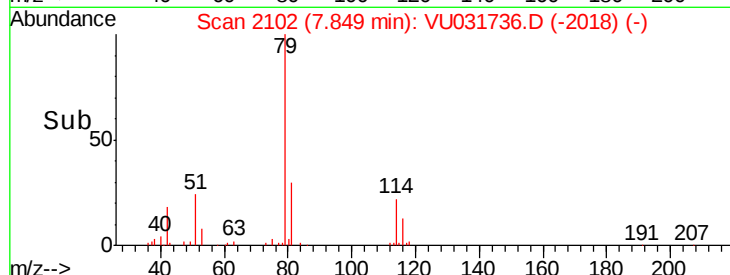
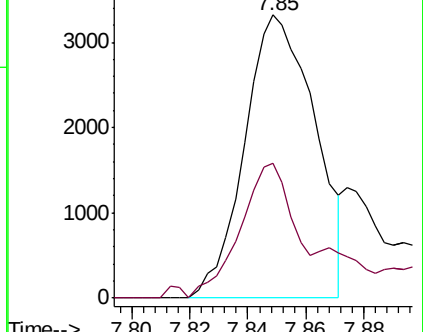
75 100

77 47.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031734.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031734.D (-2092) (-)



#48

2-Hexanone

Concen: 2.066 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

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Tgt Ion: 43 Resp: 20888

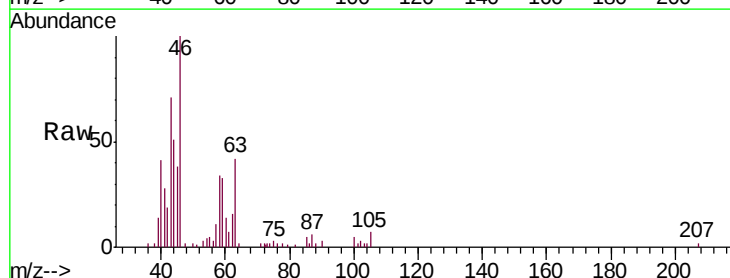
Ion Ratio Lower Upper

43 100

58 4.9 42.1 63.1#

57 8.4 14.6 22.0#

100 5.0 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VU031734.D (-2251) (-)

Ion 58.00 (57.70 to 58.70): VU031734.D (-2251) (-)

Ion 57.00 (56.70 to 57.70): VU031734.D (-2251) (-)

Ion 100.00 (99.70 to 100.70): VU031734.D (-2251) (-)

