

Data File : VU031890.D
Acq On : 10 May 2019 15:50
Operator : JC/SP
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: May 11 01:02:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1081283	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1052475	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	398717	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	425519	47.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.04%
7) Chloroethane-d5	1.67	69	360703	51.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.16%
11) 1,1-Dichloroethene-d2	2.44	63	175	0.01	ug/L	0.17
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
21) 2-Butanone-d5	4.17	46	673944	82.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.20%
24) Chloroform-d	4.64	84	724733	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.46%
26) 1,2-Dichloroethane-d4	5.31	65	488378	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.33	84	1536804	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
36) 1,2-Dichloropropane-d6	6.32	67	507230	44.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.22%
41) Toluene-d8	7.56	98	1300875	46.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.42%
43) trans-1,3-Dichloropropene-	7.85	79	201259	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.46%
47) 2-Hexanone-d5	8.31	63	450894	91.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	685312	44.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	430940	51.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.78%

Target Compounds

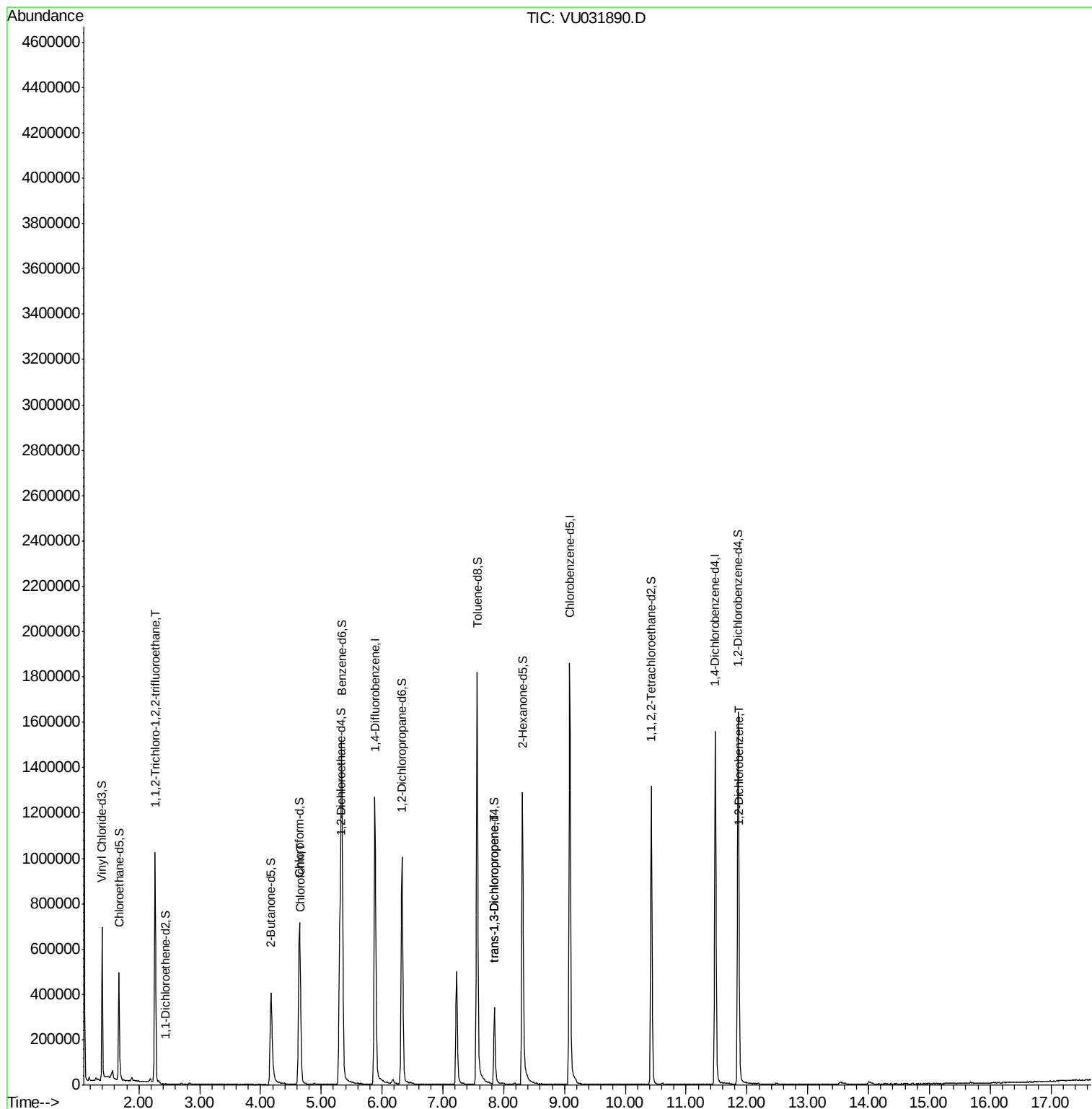
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5548	0.640 ug/L #	22
25) Chloroform	4.66	83	15704	0.887 ug/L #	71
44) trans-1,3-Dichloropropene	7.85	75	8335	0.633 ug/L	89
65) 1,2-Dichlorobenzene	11.88	146	18419	1.313 ug/L	94

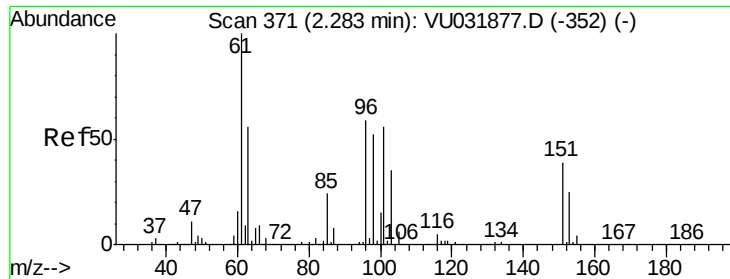
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.640 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

VIBLK40

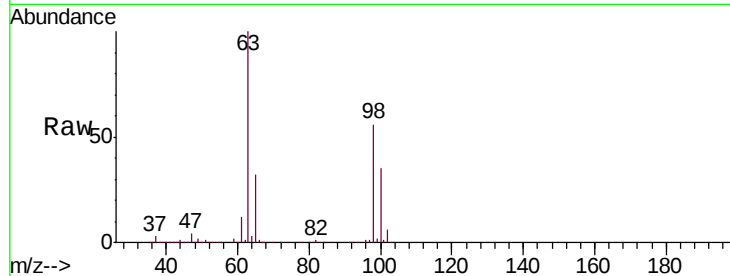
Tgt Ion:101 Resp: 5548

Ion Ratio Lower Upper

101 100

85 0.8 36.1 54.1#

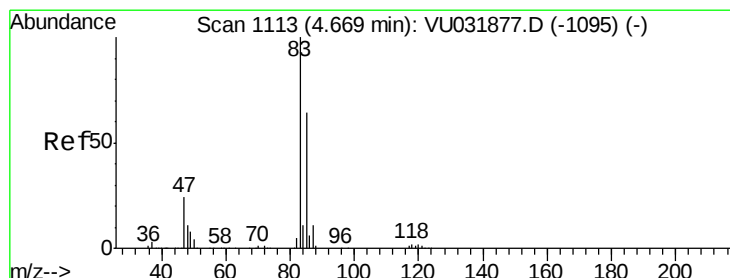
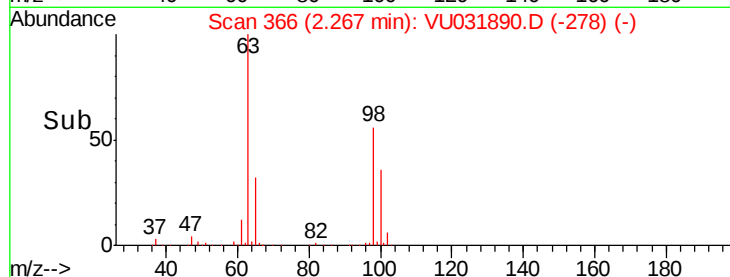
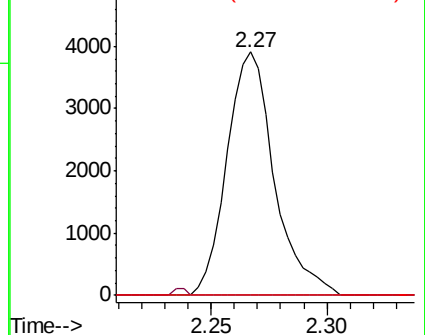
151 0.0 56.1 84.1#



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



#25

Chloroform

Concen: 0.887 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.01 min

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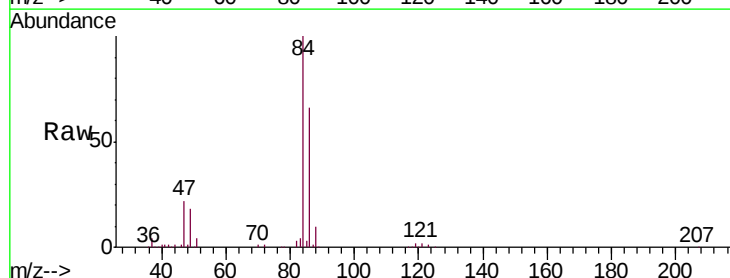
Acq: 10 May 2019 15:50

Tgt Ion: 83 Resp: 15704

Ion Ratio Lower Upper

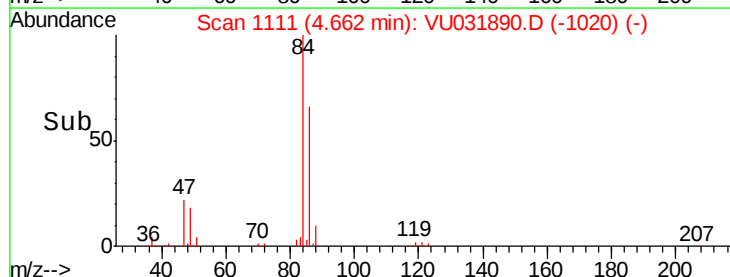
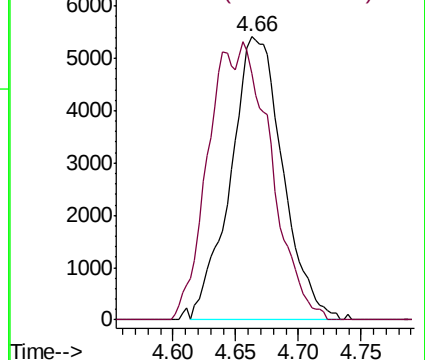
83 100

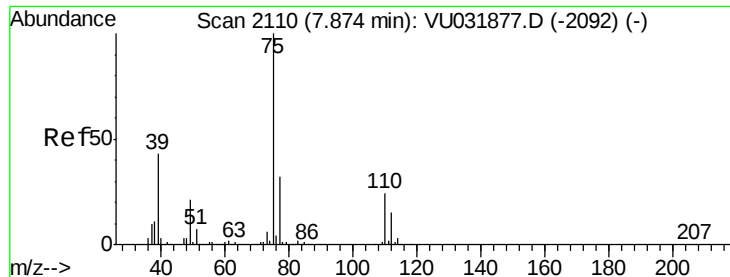
85 86.9 44.9 83.3#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.633 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

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ClientSampleId :

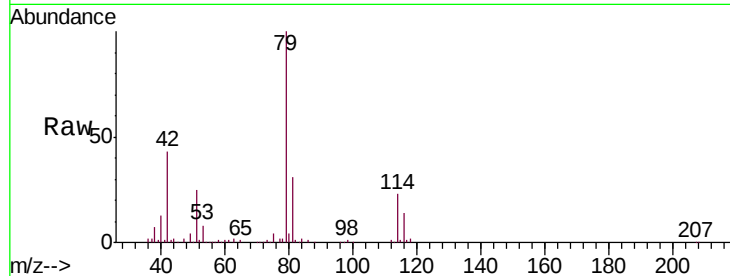
VIBLK40

Tgt Ion: 75 Resp: 8335

Ion Ratio Lower Upper

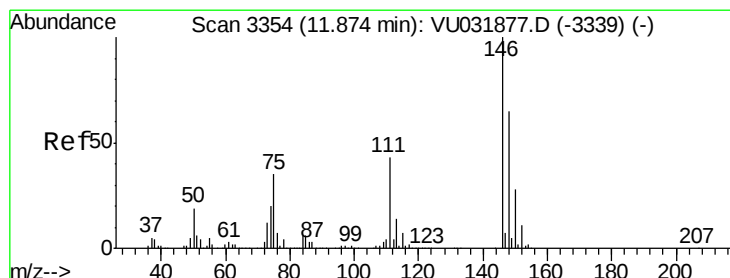
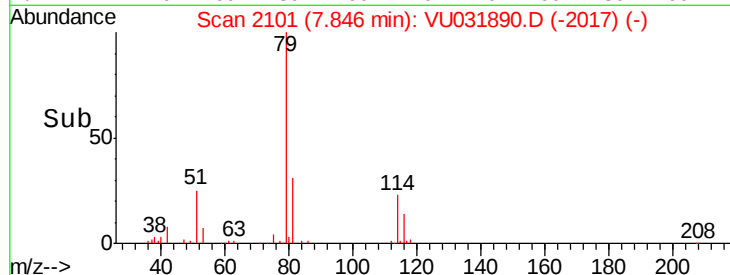
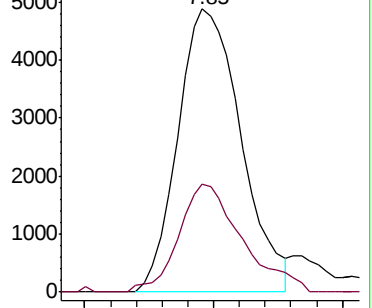
75 100

77 38.0 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VU031877.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU031877.D (-2092) (-)



#65

1,2-Dichlorobenzene

Concen: 1.313 ug/L

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

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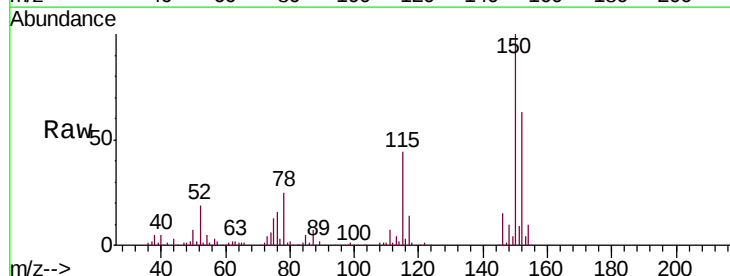
Tgt Ion: 146 Resp: 18419

Ion Ratio Lower Upper

146 100

111 47.6 35.9 53.9

148 69.0 50.5 75.7



Abundance Ion 146.00 (145.70 to 146.70): VU031877.D (-3339) (-)

Ion 111.00 (110.70 to 111.70): VU031877.D (-3339) (-)

Ion 148.00 (147.70 to 148.70): VU031877.D (-3339) (-)

