

Data File : VU031406.D
Acq On : 22 Apr 2019 21:43
Operator : JC/SP
Sample : VU0423WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Apr 23 04:06:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 04:02:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	686596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	627193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	264680	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	276519	49.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.40%
7) Chloroethane-d5	1.68	69	217883	51.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.86%
11) 1,1-Dichloroethene-d2	2.27	63	383545	39.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.26%
21) 2-Butanone-d5	4.19	46	420174	101.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.02%
24) Chloroform-d	4.64	84	428681	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
26) 1,2-Dichloroethane-d4	5.31	65	266637	50.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.42%
32) Benzene-d6	5.34	84	931684	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
36) 1,2-Dichloropropane-d6	6.33	67	302709	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.84%
41) Toluene-d8	7.56	98	813621	50.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.56%
43) trans-1,3-Dichloropropene-	7.85	79	127594	48.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.06%
47) 2-Hexanone-d5	8.31	63	306125	104.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	405952	51.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	282671	52.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.48%

Target Compounds

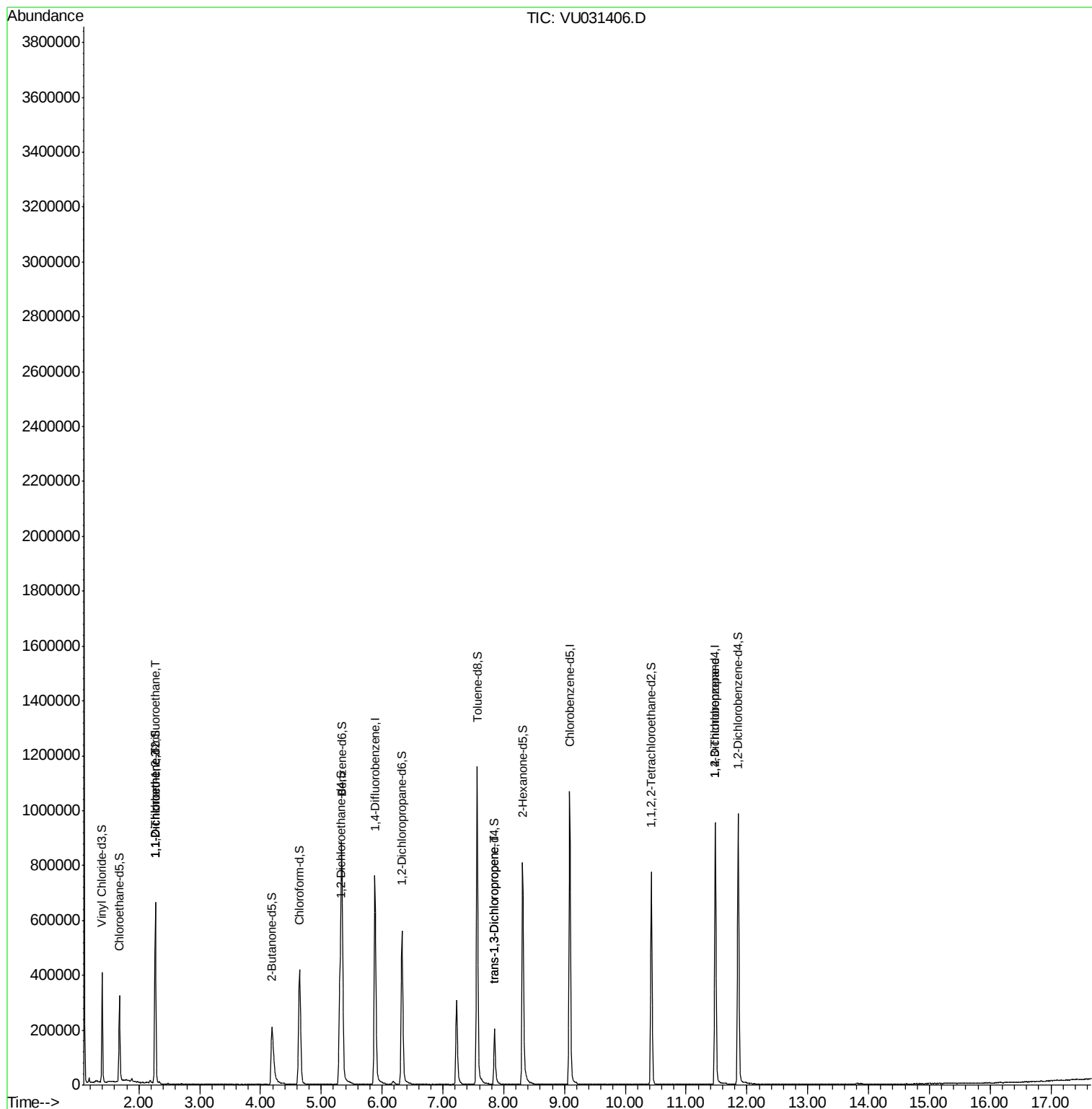
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3725	0.876 ug/L #	26
12) 1,1-Dichloroethene	2.27	96	3204	0.766 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	4615	0.740 ug/L	90
59) 1,2,3-Trichloropropane	11.48	75	30088	5.042 ug/L	96

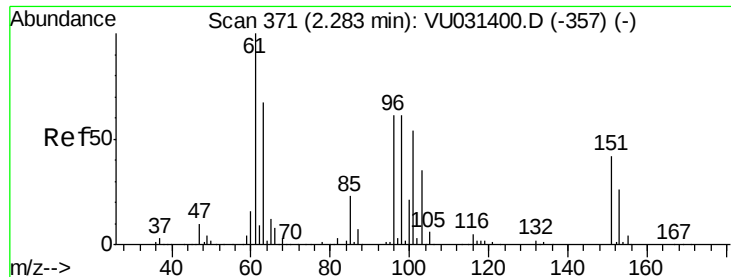
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.876 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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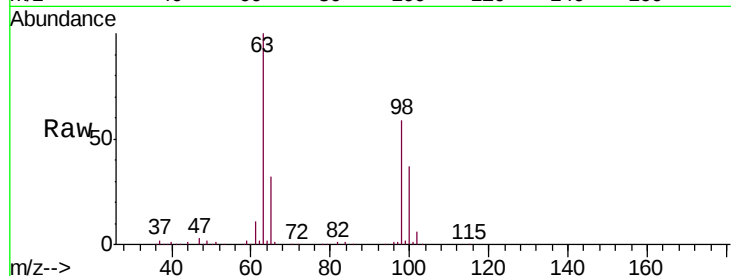
Tgt Ion: 101 Resp: 3725

Ion Ratio Lower Upper

101 100

85 4.9 33.1 49.7#

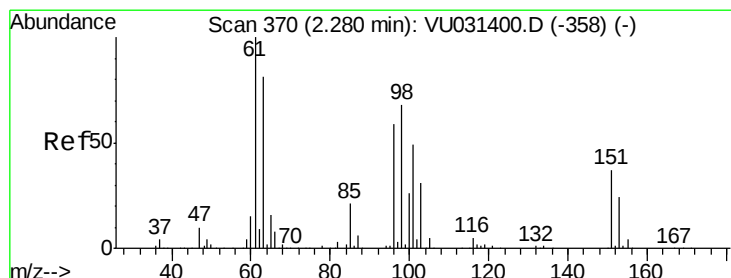
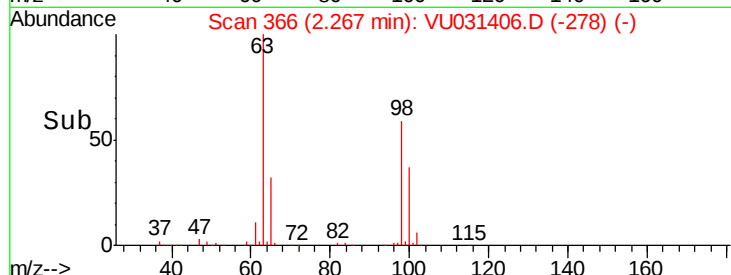
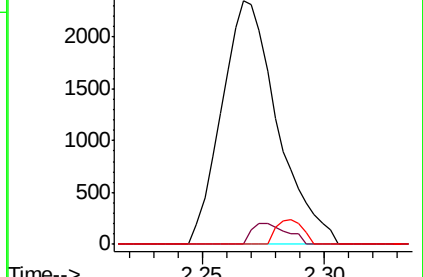
151 4.9 61.4 92.0#



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: 0.766 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU031406.D

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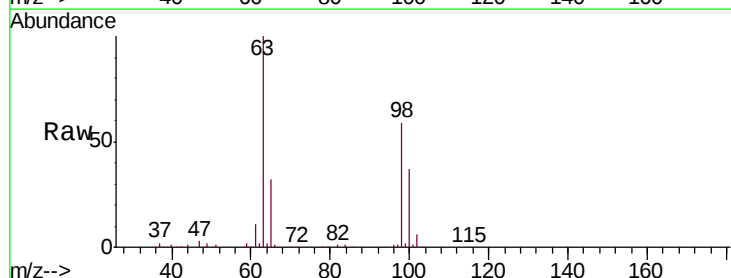
Tgt Ion: 96 Resp: 3204

Ion Ratio Lower Upper

96 100

61 1154.6 118.9 220.9#

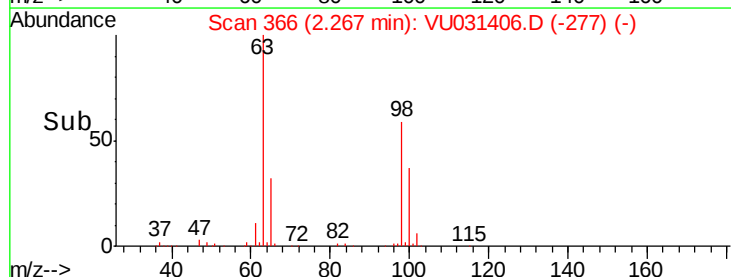
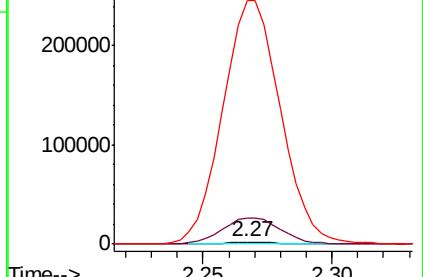
63 10637.1 99.3 184.3#

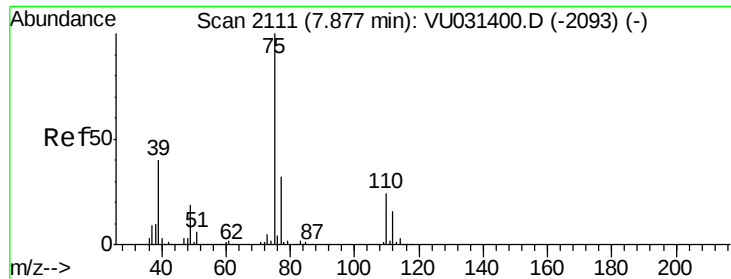


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.740 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

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ClientSampleId :

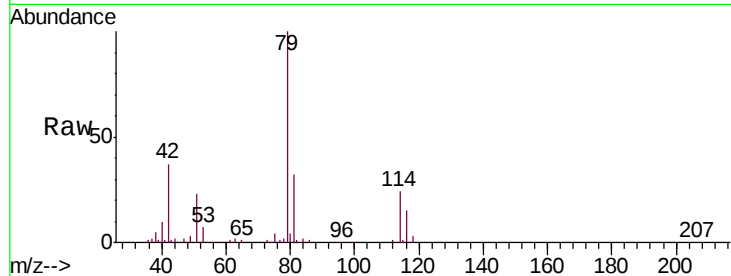
VHBLK02

Tgt Ion: 75 Resp: 4615

Ion Ratio Lower Upper

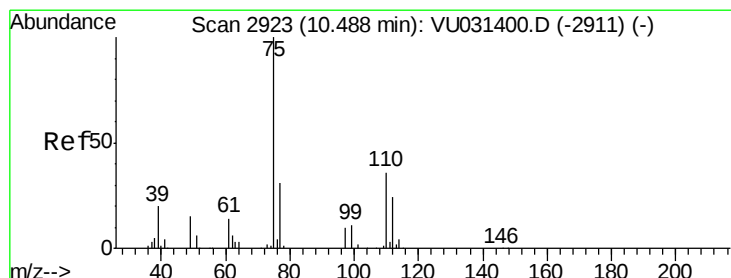
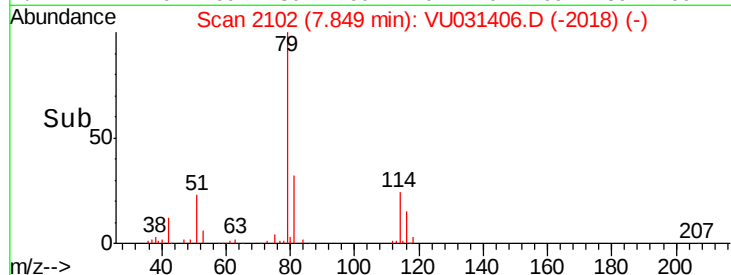
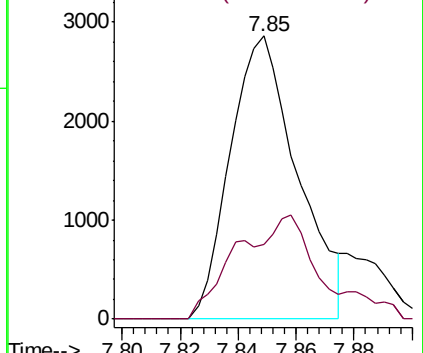
75 100

77 26.2 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU031400.D (-2093) (-)

Ion 77.00 (76.70 to 77.70): VU031400.D (-2093) (-)



#59

1,2,3-Trichloropropane

Concen: 5.042 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031406.D

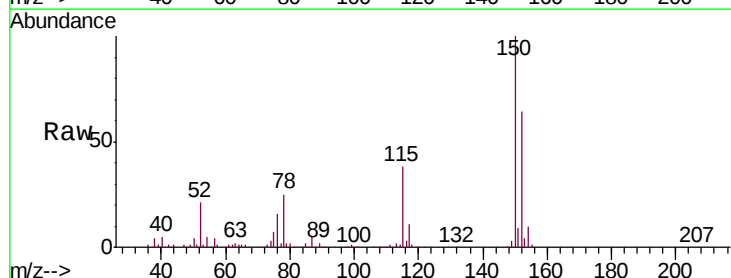
Acq: 22 Apr 2019 21:43

Tgt Ion: 75 Resp: 30088

Ion Ratio Lower Upper

75 100

77 34.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU031400.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU031400.D (-2911) (-)

