

Data File : VU031990.D
Acq On : 14 May 2019 13:32
Operator : JC/SP
Sample : VU0514WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK37

Quant Time: May 15 04:29:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	998910	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1020516	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	406457	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	409191	46.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.36%
7) Chloroethane-d5	1.67	69	349714	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.54%
11) 1,1-Dichloroethene-d2	2.27	63	574075	36.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.08%
21) 2-Butanone-d5	4.17	46	670530	109.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	4.64	84	706933	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.30	65	468518	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
32) Benzene-d6	5.34	84	1489835	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
36) 1,2-Dichloropropane-d6	6.32	67	502223	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.04%
41) Toluene-d8	7.56	98	1294716	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%
43) trans-1,3-Dichloropropene-	7.85	79	210566	48.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.92%
47) 2-Hexanone-d5	8.31	63	428645	108.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	705443	48.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	448055	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

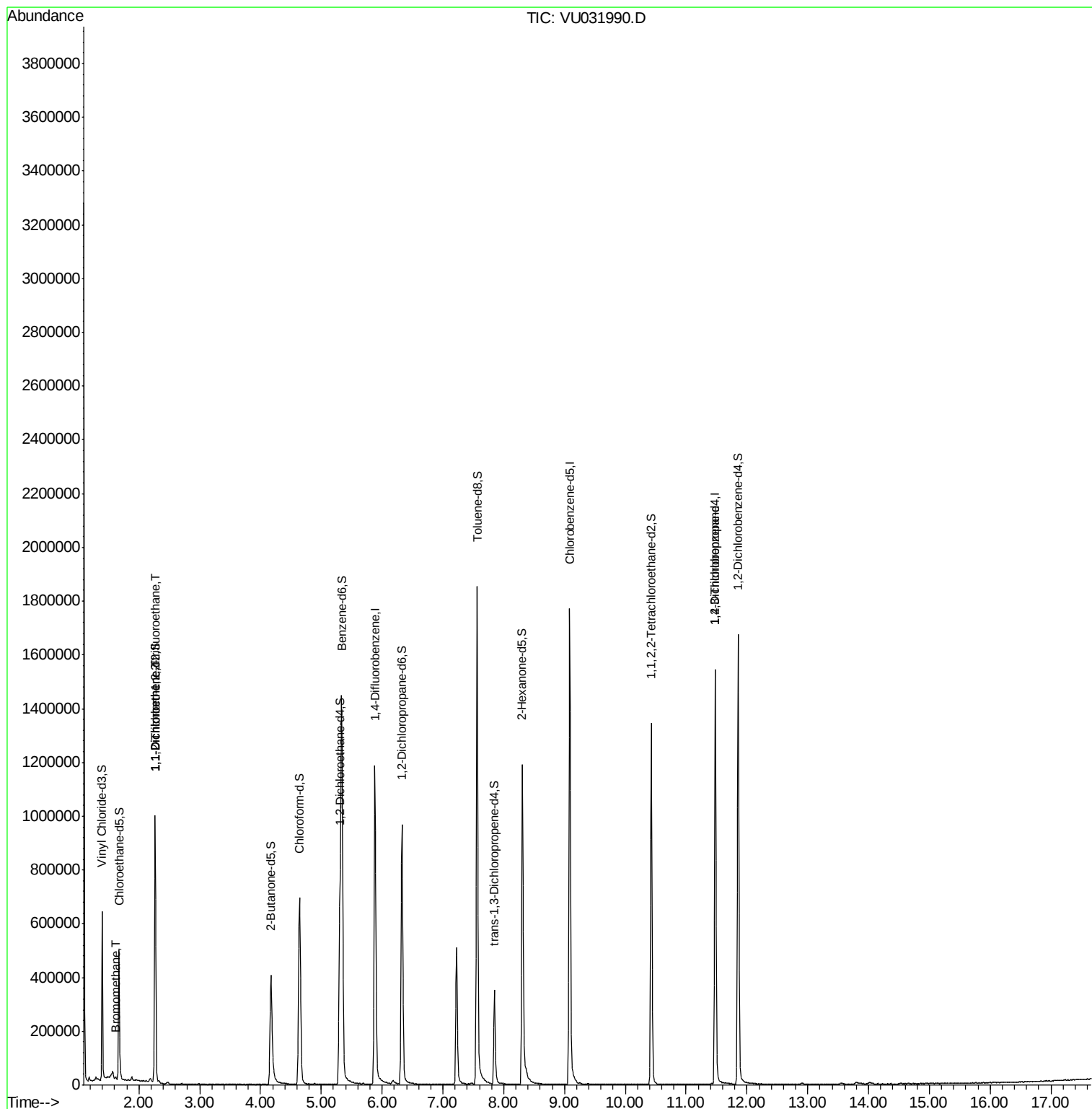
					Qvalue
6) Bromomethane	1.62	94	3554	0.628 ug/L	80
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5450	0.733 ug/L #	26
12) 1,1-Dichloroethene	2.27	96	5154	0.699 ug/L #	1
59) 1,2,3-Trichloropropane	11.48	75	53845	4.598 ug/L	98

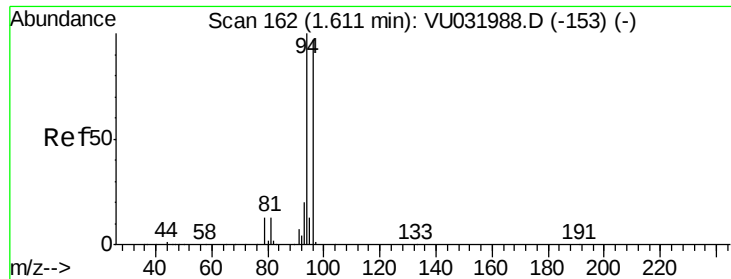
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.628 ug/L

RT: 1.62 min Scan# 164

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

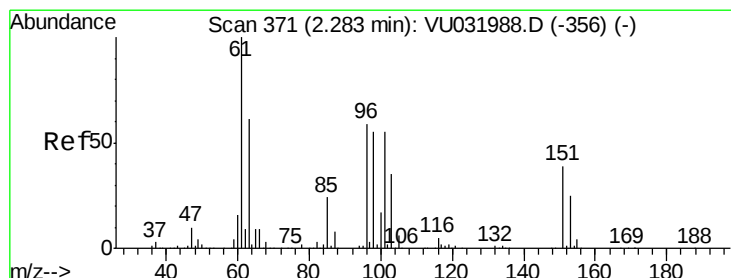
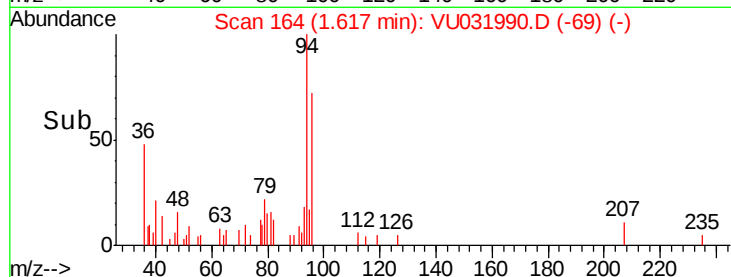
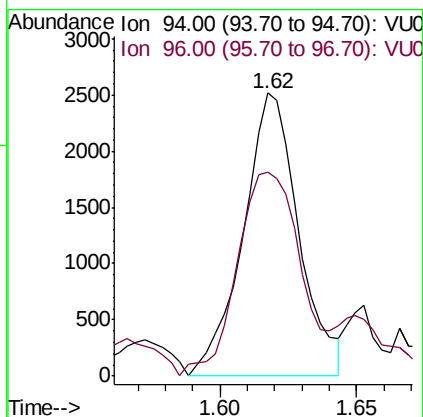
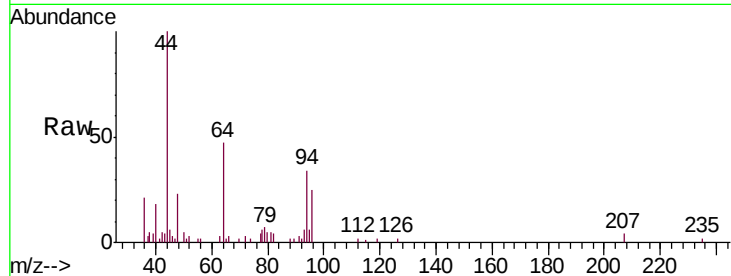
VBLK37

Tgt Ion: 94 Resp: 3554

Ion Ratio Lower Upper

94 100

96 72.2 64.0 118.8



#10

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

Concen: 0.733 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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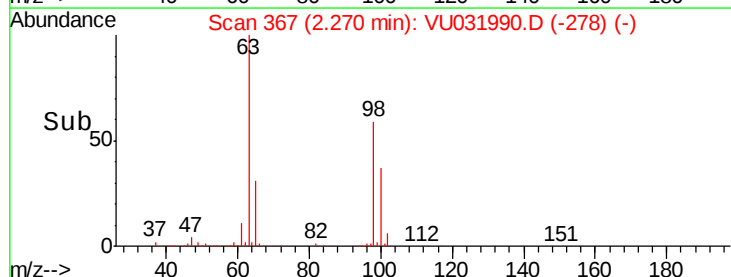
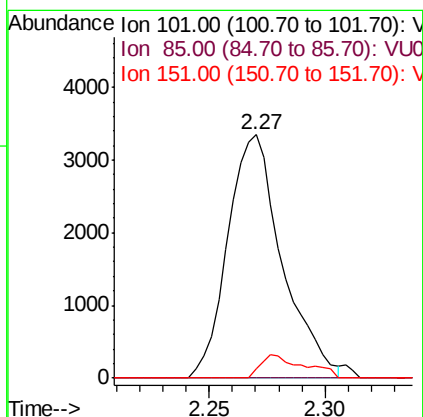
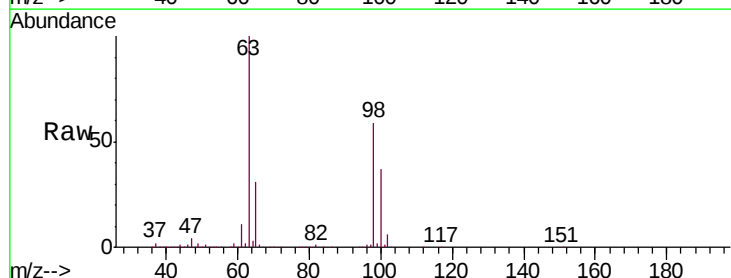
Tgt Ion: 101 Resp: 5450

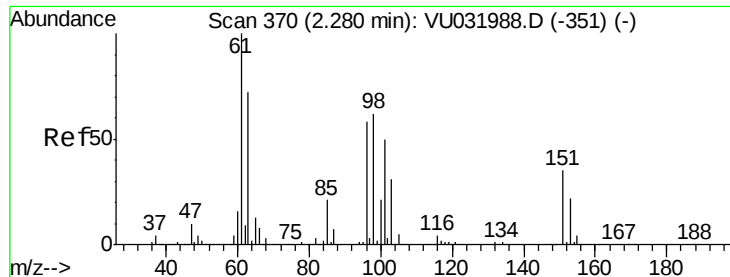
Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 6.2 55.8 83.8#





#12

1,1-Dichloroethene

Concen: 0.699 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031990.D

Acq: 14 May 2019 13:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK37

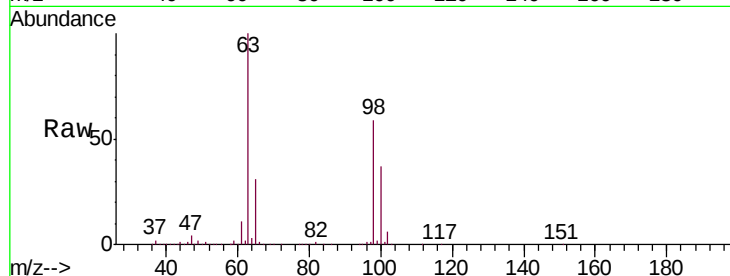
Tgt Ion: 96 Resp: 5154

Ion Ratio Lower Upper

96 100

61 1232.5 120.9 224.5#

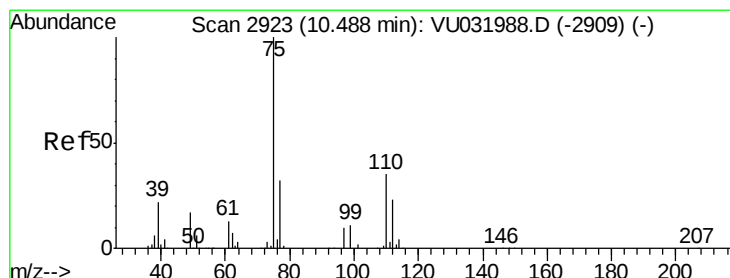
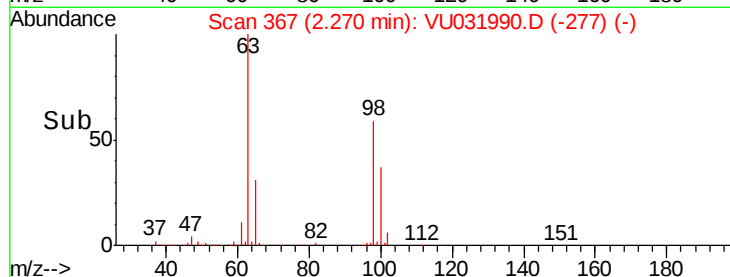
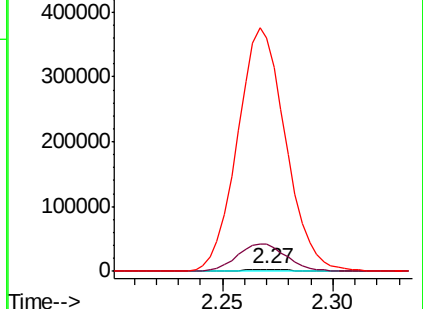
63 10758.9 84.4 156.8#



Abundance Ion 96.00 (95.70 to 96.70): VU031988.D (-351) (-)

Ion 61.00 (60.70 to 61.70): VU031988.D (-351) (-)

Ion 63.00 (62.70 to 63.70): VU031988.D (-351) (-)



#59

1,2,3-Trichloropropane

Concen: 4.598 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031990.D

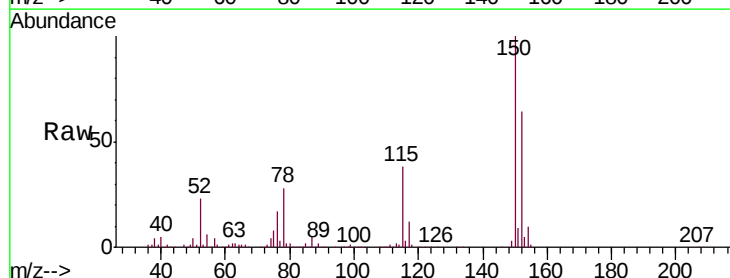
Acq: 14 May 2019 13:32

Tgt Ion: 75 Resp: 53845

Ion Ratio Lower Upper

75 100

77 33.4 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU031988.D (-2909) (-)

Ion 77.00 (76.70 to 77.70): VU031988.D (-2909) (-)

