

Data File : VU031384.D
Acq On : 22 Apr 2019 11:14
Operator : JC/SP
Sample : VU0422WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK38

Quant Time: Apr 23 01:02:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	585125	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	604568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	244766	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	268556	49.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.68%
7) Chloroethane-d5	1.68	69	196445	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.26	63	361449	33.86	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.21	46	302366	77.04	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.04%
24) Chloroform-d	4.65	84	371636	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.66%
26) 1,2-Dichloroethane-d4	5.31	65	251682	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
32) Benzene-d6	5.34	84	881170	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.33	67	241803	38.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.96%
41) Toluene-d8	7.56	98	673025	40.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.04%
43) trans-1,3-Dichloropropene-	7.85	79	112124	37.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.64%
47) 2-Hexanone-d5	8.33	63	255683	87.32	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	329074	38.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	253281	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%

Target Compounds

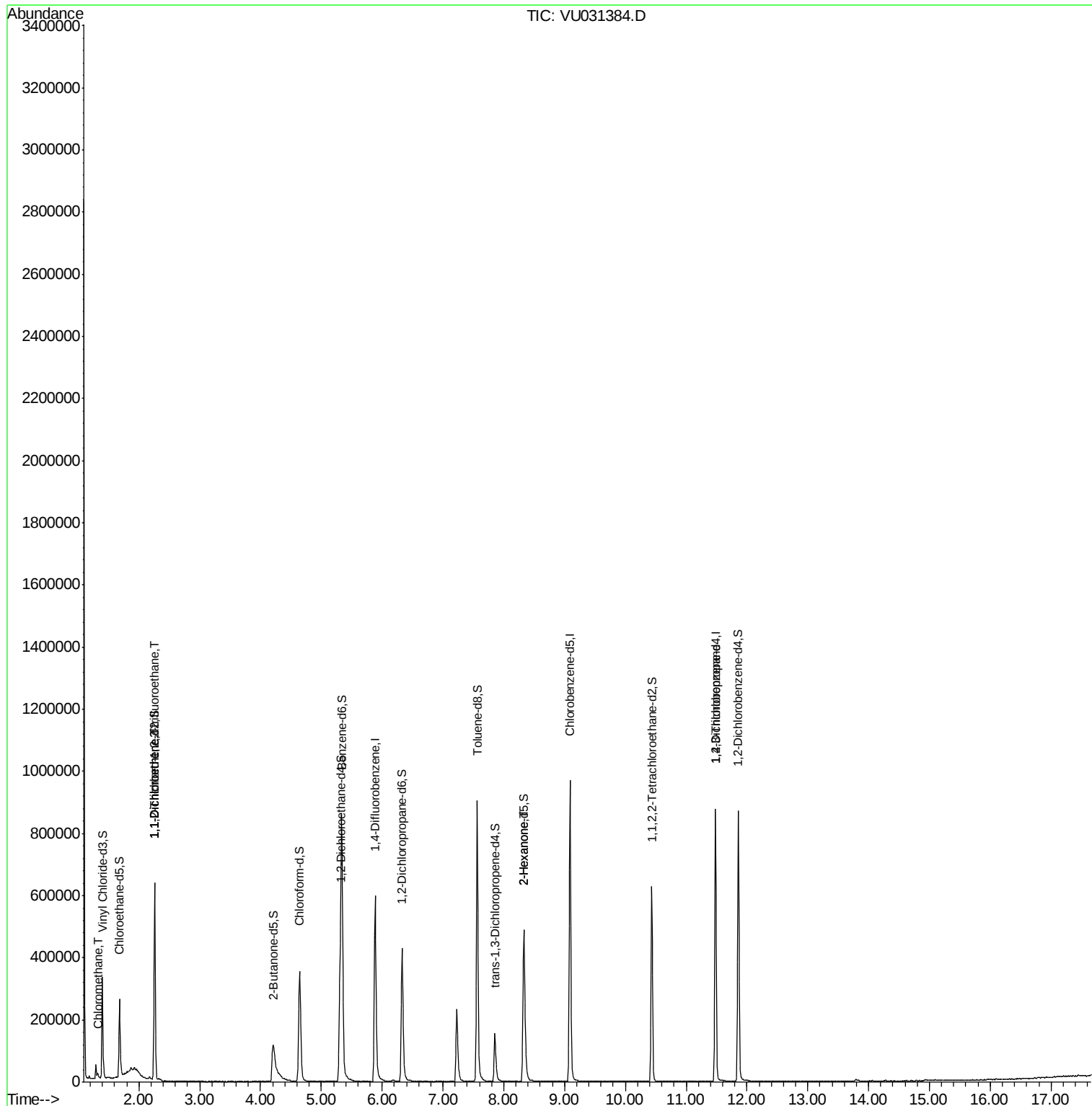
					Qvalue
3) Chloromethane	1.32	50	8310	1.292 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	3647	0.782 ug/L #	22
12) 1,1-Dichloroethene	2.26	96	2972	0.650 ug/L #	1
48) 2-Hexanone	8.33	43	27079	4.481 ug/L #	56
59) 1,2,3-Trichloropropane	11.49	75	25921	4.047 ug/L	93

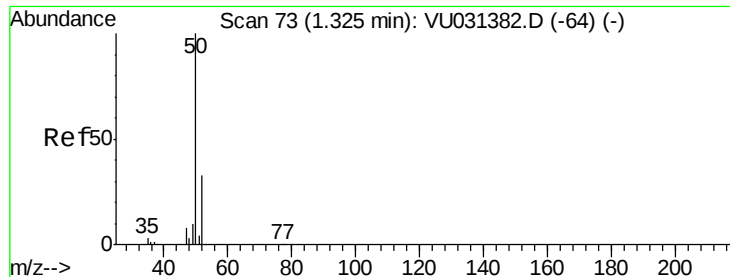
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.292 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

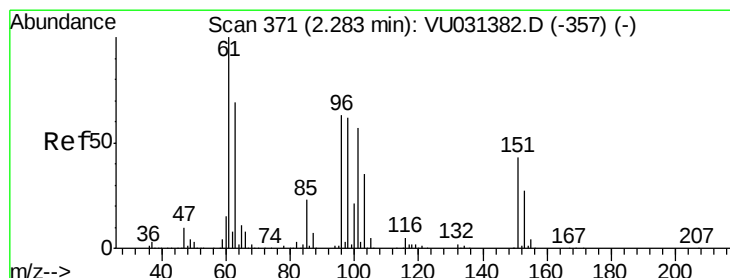
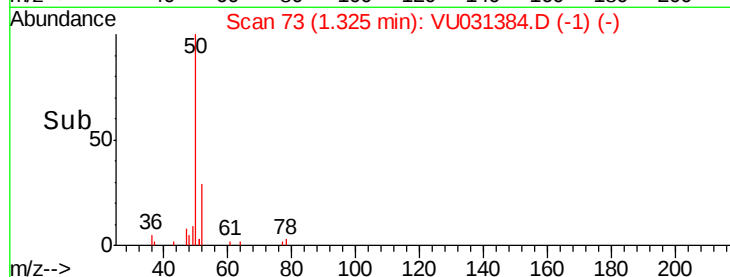
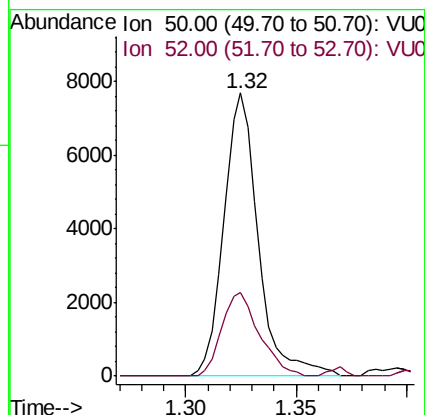
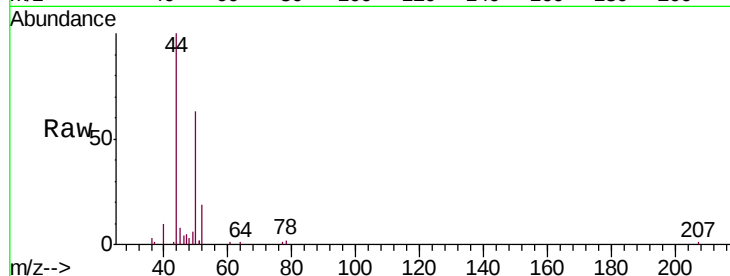
VBLK38

Tgt Ion: 50 Resp: 8310

Ion Ratio Lower Upper

50 100

52 29.4 22.7 42.3



#10

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

Concen: 0.782 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

Lab File: VU031384.D

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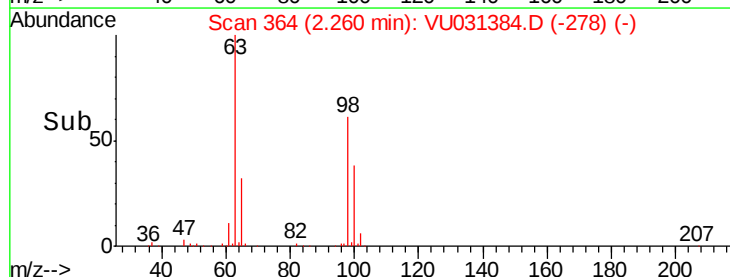
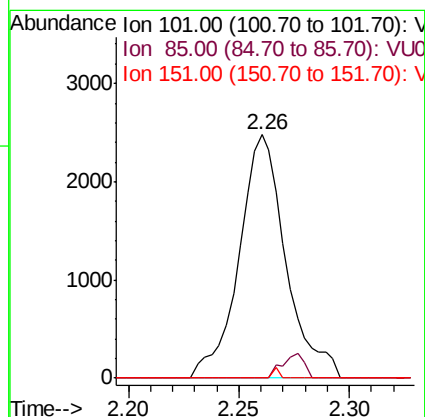
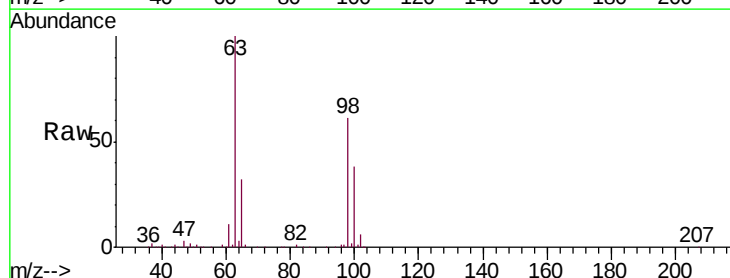
Tgt Ion: 101 Resp: 3647

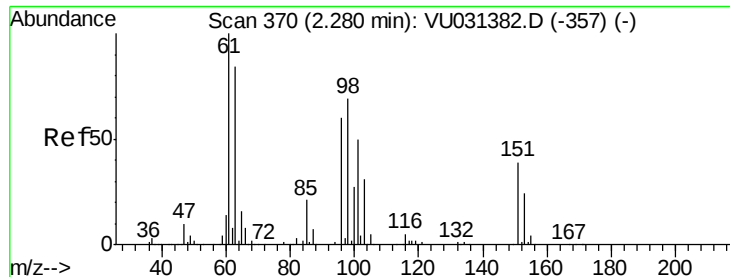
Ion Ratio Lower Upper

101 100

85 4.7 35.4 53.0#

151 0.0 59.8 89.8#

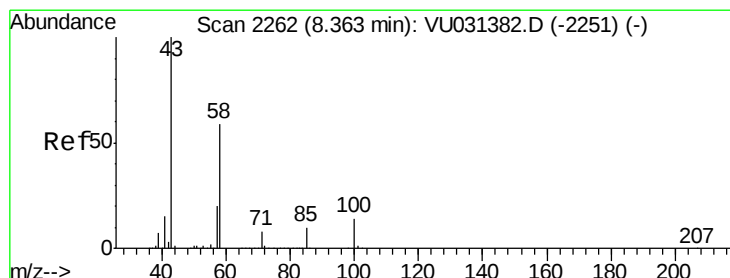
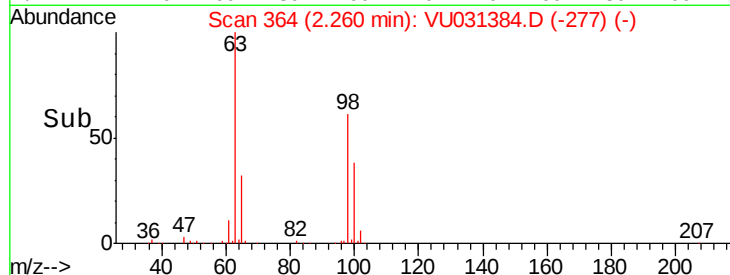
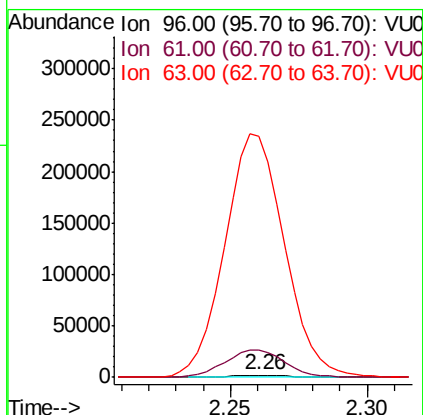
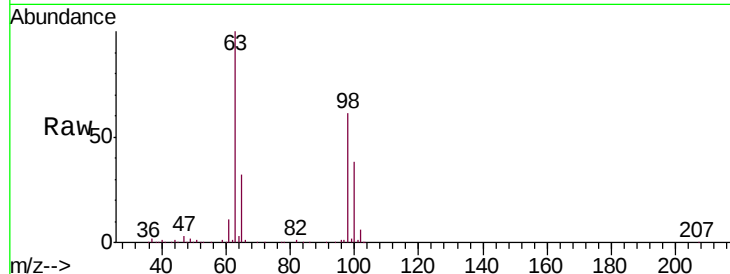




#12
 1,1-Dichloroethene
 Concen: 0.650 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.02 min
 Lab File: VU031384.D
 Acq: 22 Apr 2019 11:14

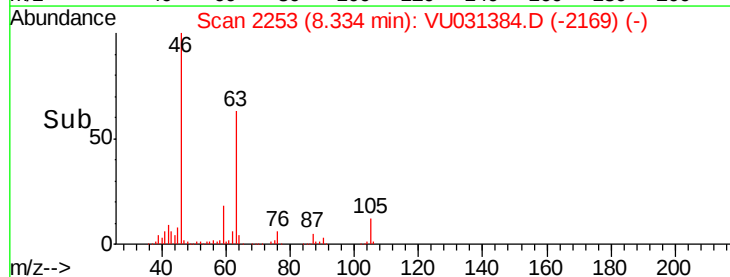
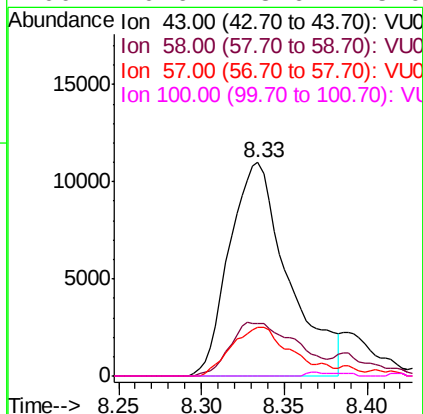
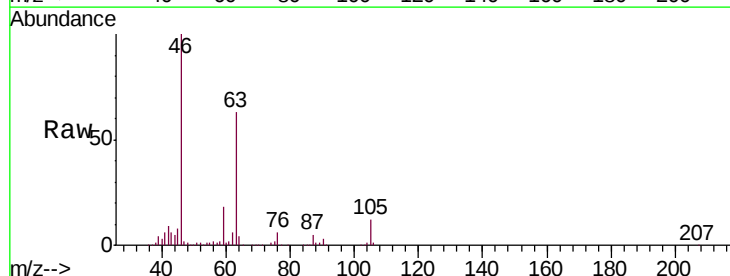
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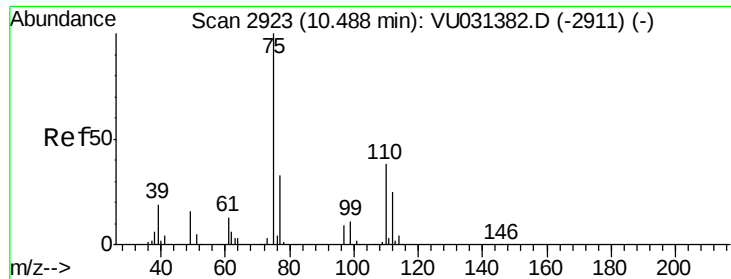
Tgt Ion: 96 Resp: 2972
 Ion Ratio Lower Upper
 96 100
 61 1316.7 130.4 242.2#
 63 11630.3 108.9 202.3#



#48
 2-Hexanone
 Concen: 4.481 ug/L
 RT: 8.33 min Scan# 2253
 Delta R.T. -0.03 min
 Lab File: VU031384.D
 Acq: 22 Apr 2019 11:14

Tgt Ion: 43 Resp: 27079
 Ion Ratio Lower Upper
 43 100
 58 12.6 44.9 67.3#
 57 22.2 15.1 22.7
 100 0.6 8.6 13.0#





#59

1,2,3-Trichloropropane

Concen: 4.047 ug/L

RT: 11.49 min Scan# 3233

Delta R.T. 1.00 min

Lab File: VU031384.D

Acq: 22 Apr 2019 11:14

Instrument :

MSVOA_U

ClientSampleId :

VBLK38

Tgt Ion: 75 Resp: 25921

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.2

