

Data File : VU031997.D
Acq On : 14 May 2019 16:15
Operator : JC/SP
Sample : K2738-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB883

Quant Time: May 15 04:30:42 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	1072582	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1044449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	400467	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	415958	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.38%
7) Chloroethane-d5	1.67	69	352383	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.48%
11) 1,1-Dichloroethene-d2	2.27	63	571233	33.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.72%
21) 2-Butanone-d5	4.17	46	606835	92.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.07%
24) Chloroform-d	4.64	84	711902	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
26) 1,2-Dichloroethane-d4	5.30	65	461010	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
32) Benzene-d6	5.34	84	1504727	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
36) 1,2-Dichloropropane-d6	6.32	67	499141	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.56	98	1286733	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	201740	45.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.68%
47) 2-Hexanone-d5	8.31	63	401311	99.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	669516	45.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	435134	51.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.28%

Target Compounds

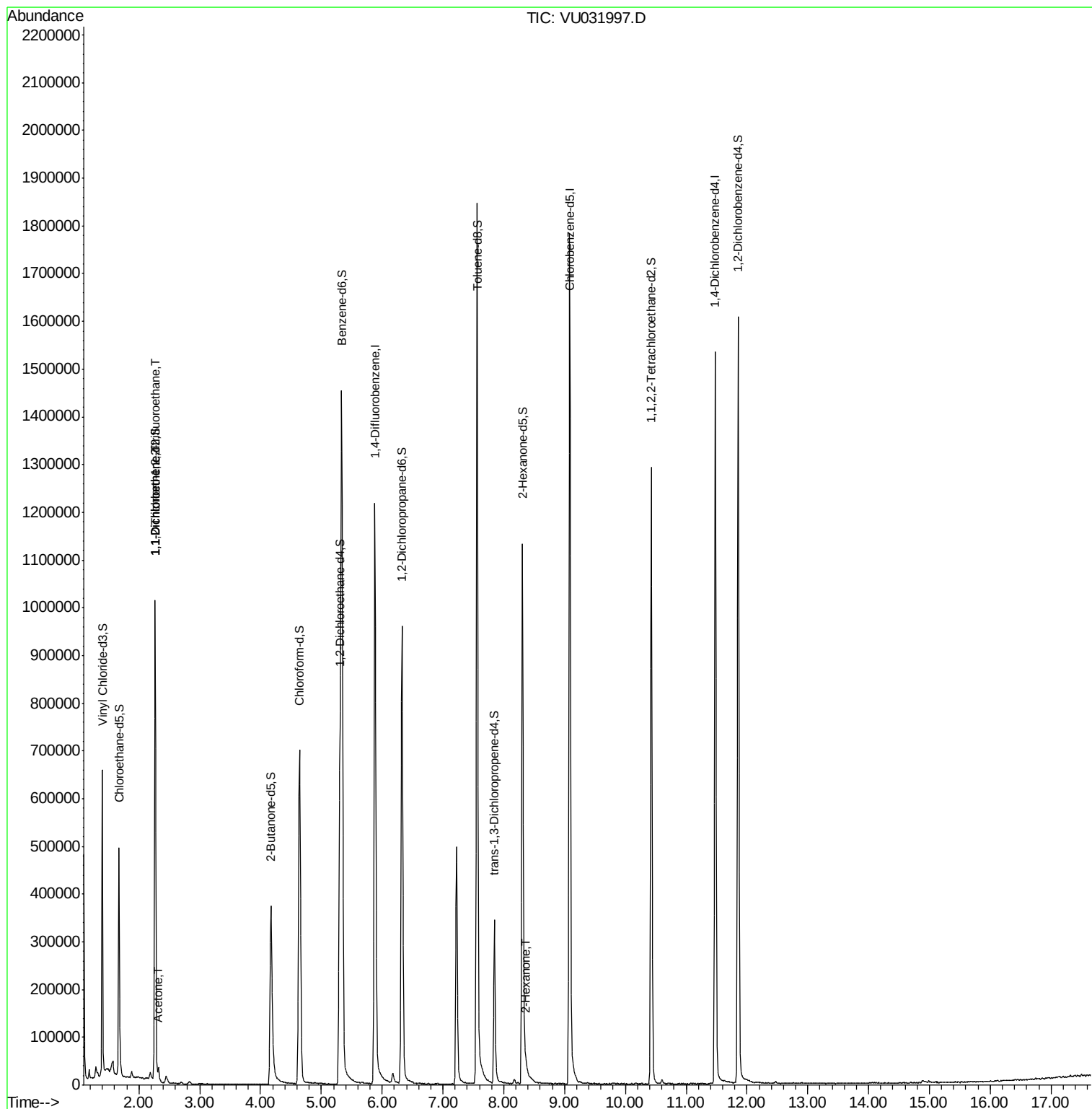
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5251	0.658	ug/L #	25
12) 1,1-Dichloroethene	2.27	96	4857	0.613	ug/L #	1
13) Acetone	2.32	43	24098	3.557	ug/L	97
48) 2-Hexanone	8.37	43	12791	1.264	ug/L #	85

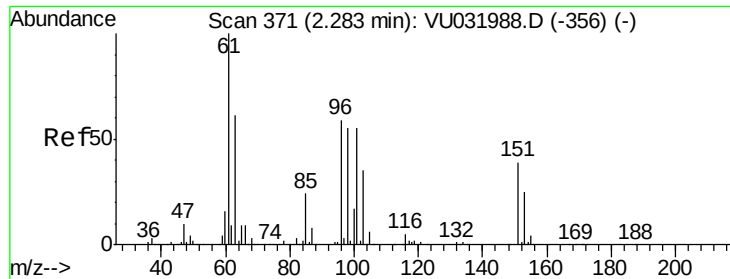
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.658 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.02 min

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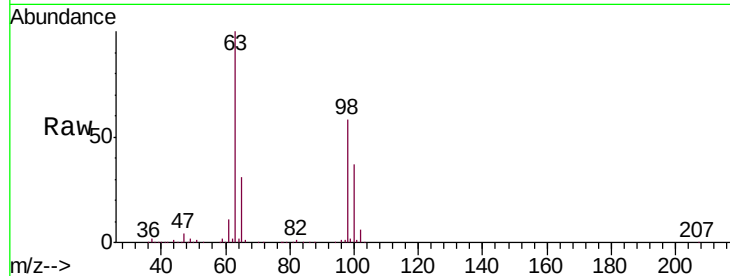
Tgt Ion: 101 Resp: 5251

Ion Ratio Lower Upper

101 100

85 1.7 34.1 51.1#

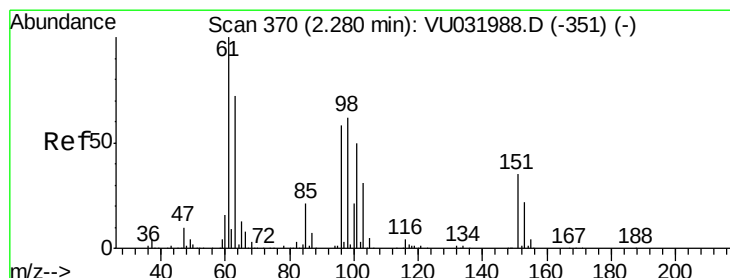
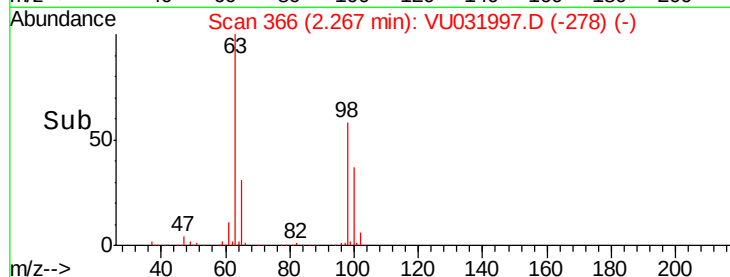
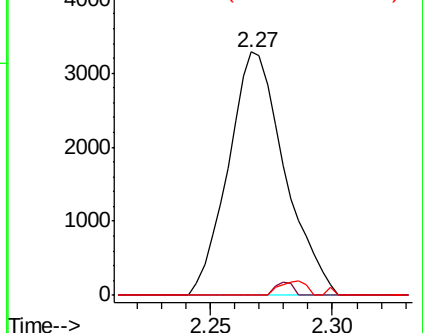
151 2.9 55.8 83.8#



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: 0.613 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031997.D

Acq: 14 May 2019 16:15

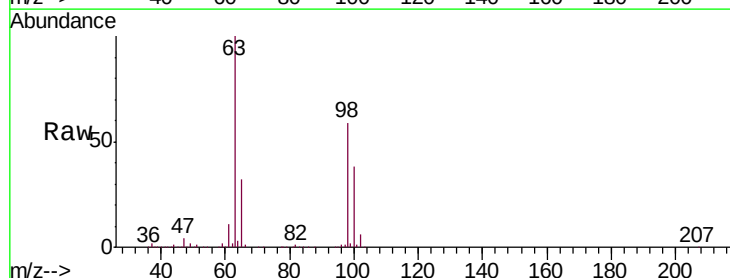
Tgt Ion: 96 Resp: 4857

Ion Ratio Lower Upper

96 100

61 1183.1 120.9 224.5#

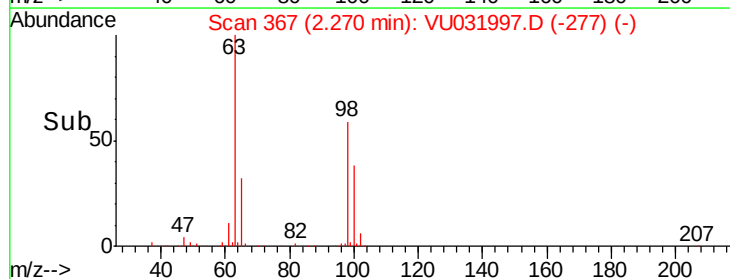
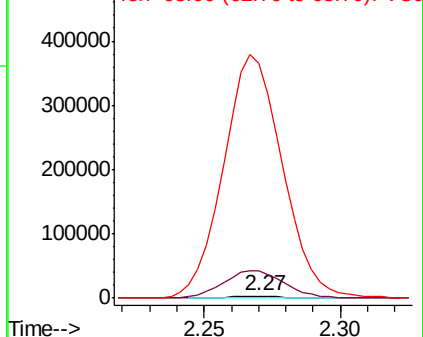
63 10383.6 84.4 156.8#

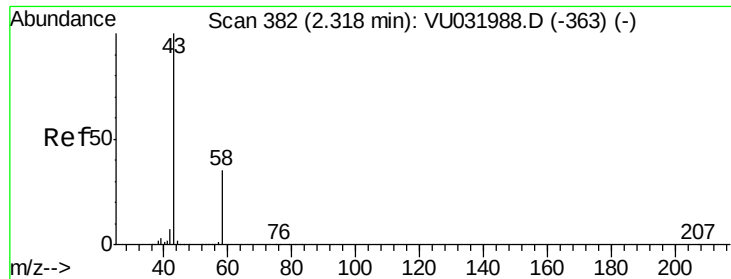


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.557 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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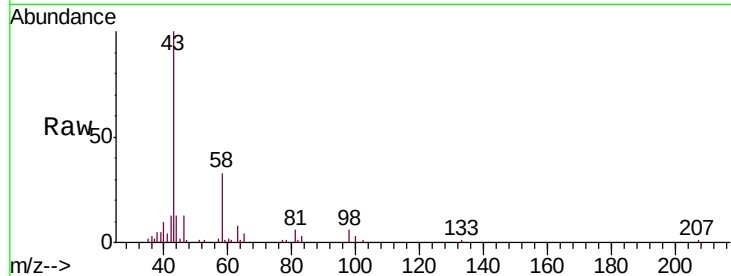
DB883

Tgt Ion: 43 Resp: 24098

Ion Ratio Lower Upper

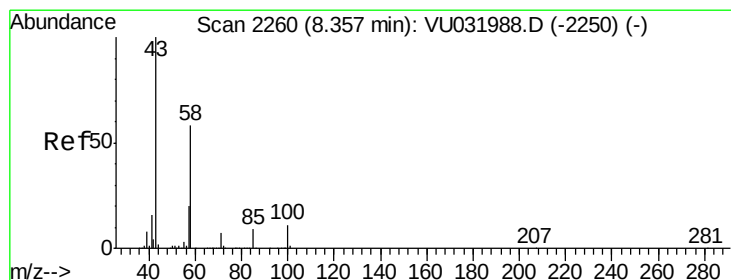
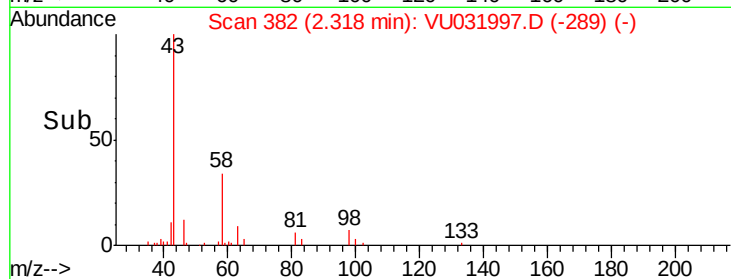
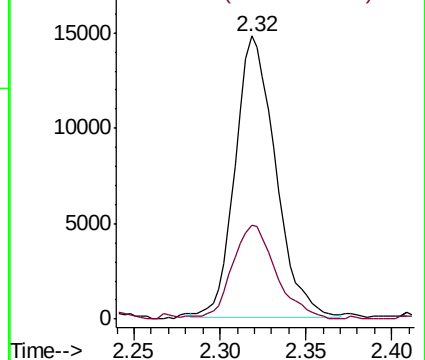
43 100

58 35.9 0.0 68.2



Abundance Ion 43.00 (42.70 to 43.70): VU031988.D (-363) (-)

Ion 58.00 (57.70 to 58.70): VU031988.D (-363) (-)



#48

2-Hexanone

Concen: 1.264 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

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Tgt Ion: 43 Resp: 12791

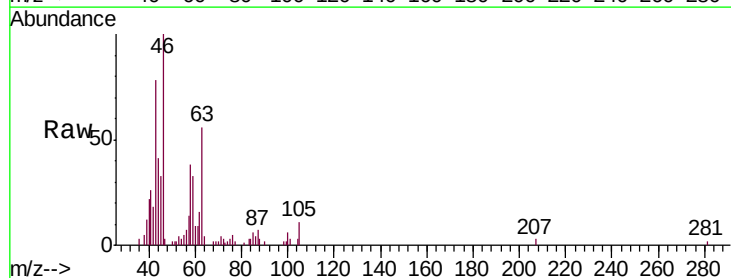
Ion Ratio Lower Upper

43 100

58 57.0 47.8 71.6

57 0.0 16.0 24.0#

100 1.6 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VU031988.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU031988.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU031988.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU031988.D (-2250) (-)

