

Data File : VU032307.D
Acq On : 24 May 2019 12:39
Operator : JC/SP
Sample : VIBLK41
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Quant Time: May 25 00:16:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	773274	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	774336	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	329521	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	212596	52.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.20%
7) Chloroethane-d5	1.67	69	194048	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.04%
11) 1,1-Dichloroethene-d2	2.27	63	319687	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.76%
21) 2-Butanone-d5	4.17	46	330208	85.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.63%
24) Chloroform-d	4.64	84	452394	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.30	65	281740	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.06%
32) Benzene-d6	5.33	84	965164	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
36) 1,2-Dichloropropane-d6	6.32	67	290680	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.56	98	887932	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.85	79	129753	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.92%
47) 2-Hexanone-d5	8.31	63	233269	88.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	442760	42.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	350559	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%

Target Compounds

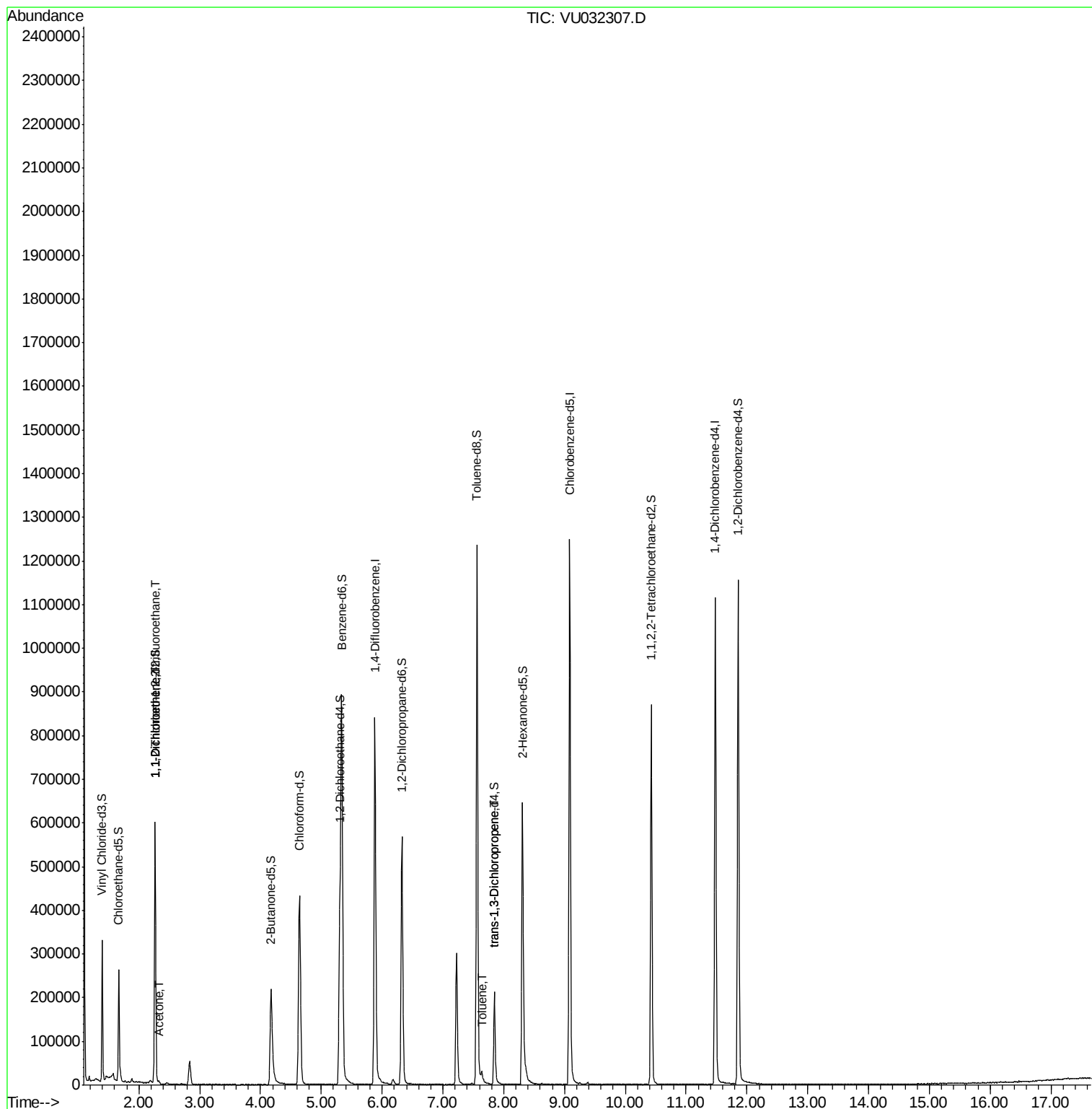
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3674	0.903 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2941	0.649 ug/L #	1
13) Acetone	2.32	43	2079	0.669 ug/L	85
42) Toluene	7.64	91	17226	0.739 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	5730	0.768 ug/L #	79

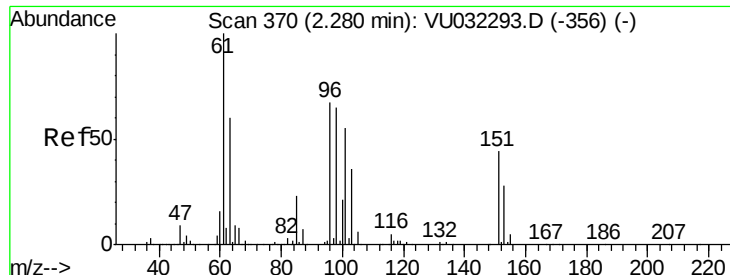
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.903 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampled :

VIBLK41

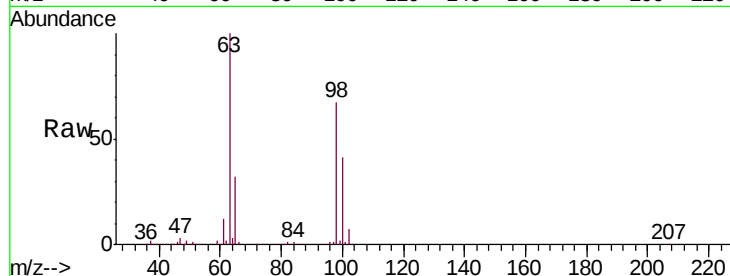
Tgt Ion: 101 Resp: 3674

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

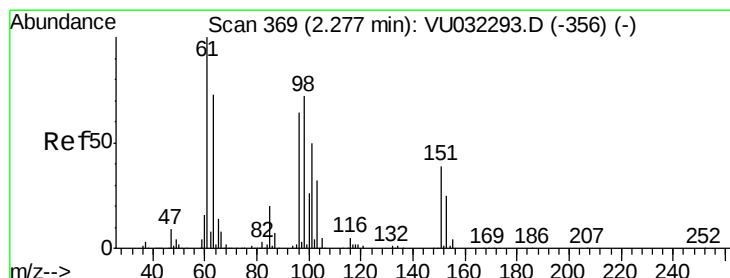
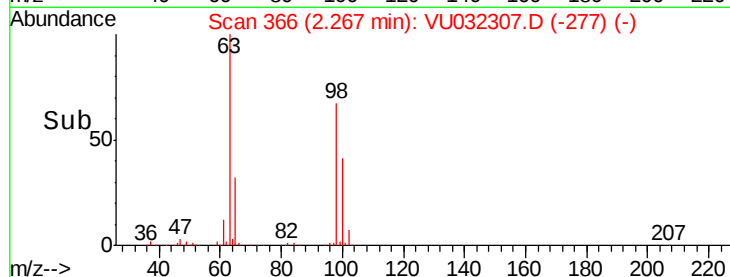
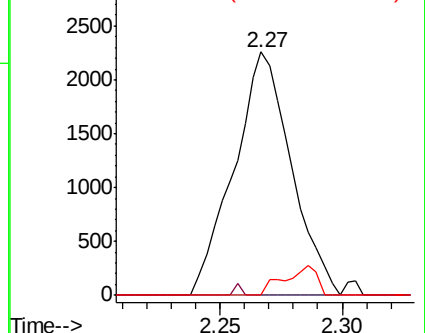
151 2.3 63.5 95.3#



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: 0.649 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032307.D

Acq: 24 May 2019 12:39

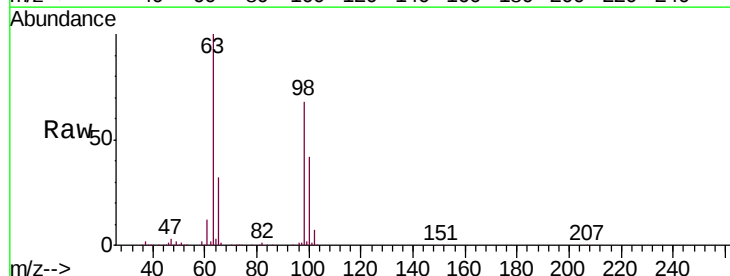
Tgt Ion: 96 Resp: 2941

Ion Ratio Lower Upper

96 100

61 1193.1 108.0 200.6#

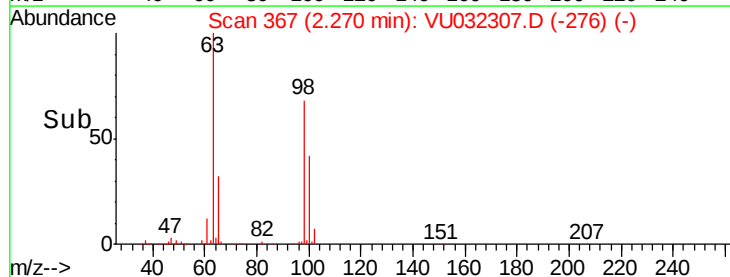
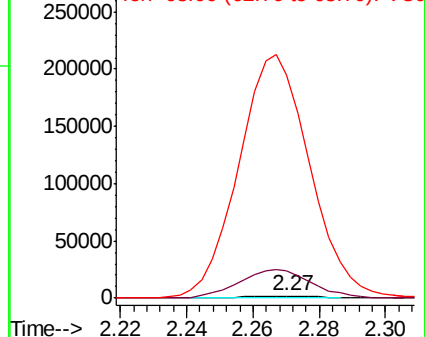
63 9875.6 85.5 158.7#

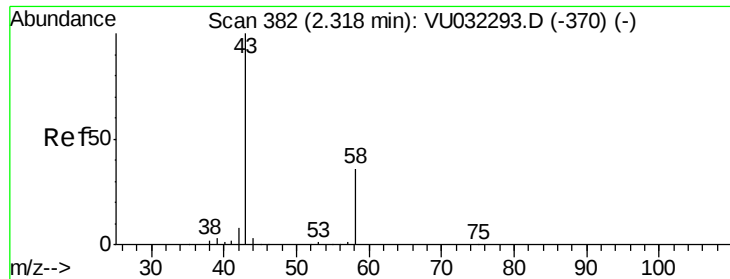


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.669 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

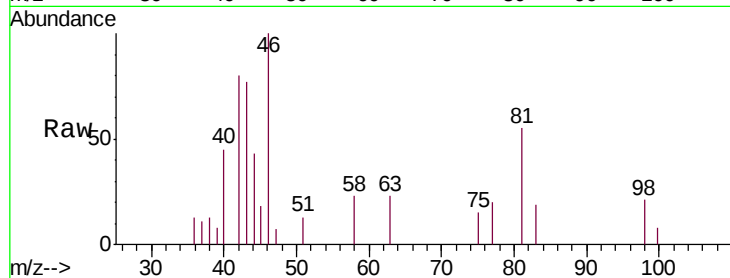
VIBLK41

Tgt Ion: 43 Resp: 2079

Ion Ratio Lower Upper

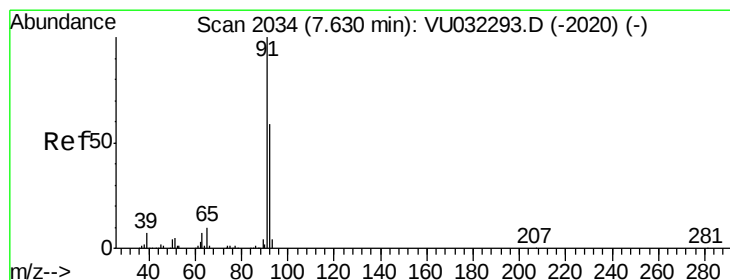
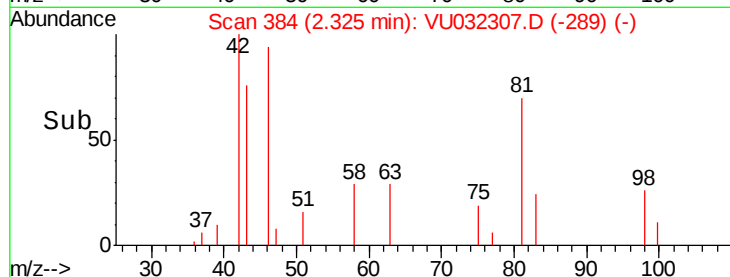
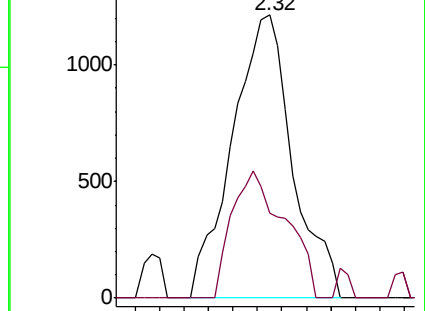
43 100

58 29.7 0.0 77.2



Abundance Ion 43.00 (42.70 to 43.70): VU032293.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032293.D (-370) (-)



#42

Toluene

Concen: 0.739 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032307.D

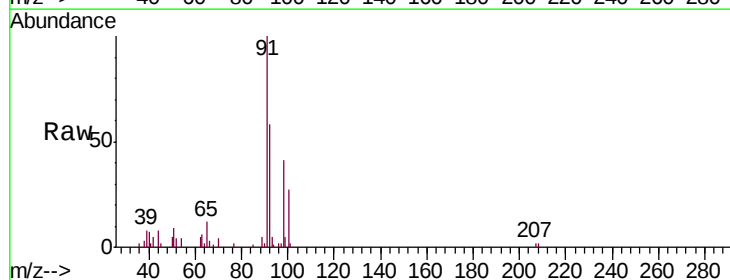
Acq: 24 May 2019 12:39

Tgt Ion: 91 Resp: 17226

Ion Ratio Lower Upper

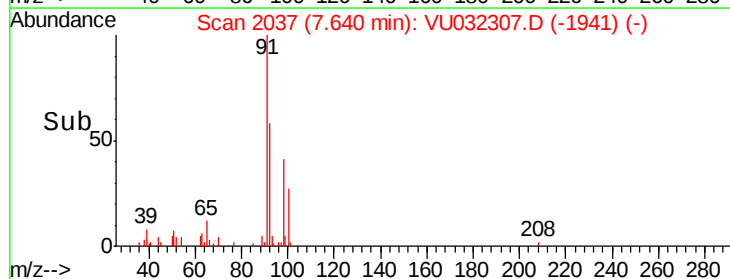
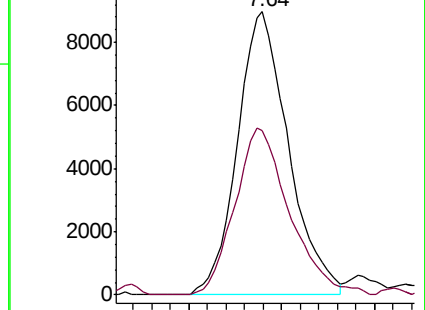
91 100

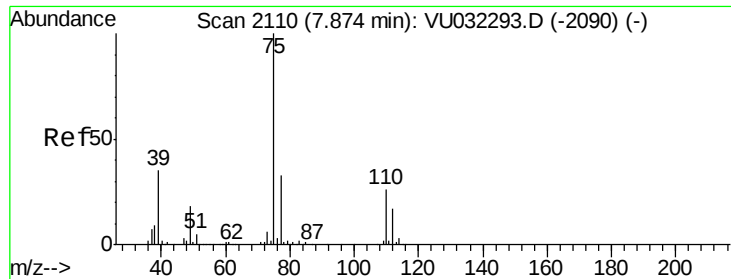
92 58.0 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU032293.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU032293.D (-2020) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.768 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032307.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

Tgt Ion: 75 Resp: 5730

Ion Ratio Lower Upper

75 100

77 43.9 22.4 41.6#

