

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032303.D
 Acq On : 24 May 2019 11:04
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: May 24 23:55:28 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	752748	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	762445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	322576	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	208126	52.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.78%
7) Chloroethane-d5	1.67	69	184628	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.78%
11) 1,1-Dichloroethene-d2	2.26	63	313481	40.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.34%
21) 2-Butanone-d5	4.17	46	303449	80.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.83%
24) Chloroform-d	4.64	84	435034	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
26) 1,2-Dichloroethane-d4	5.30	65	273016	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
32) Benzene-d6	5.33	84	926458	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
36) 1,2-Dichloropropane-d6	6.32	67	283070	45.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.62%
41) Toluene-d8	7.56	98	861865	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.85	79	117325	41.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.56%
47) 2-Hexanone-d5	8.31	63	214486	82.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	417911	40.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.98%
64) 1,2-Dichlorobenzene-d4	11.85	152	333727	49.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.46%

Target Compounds

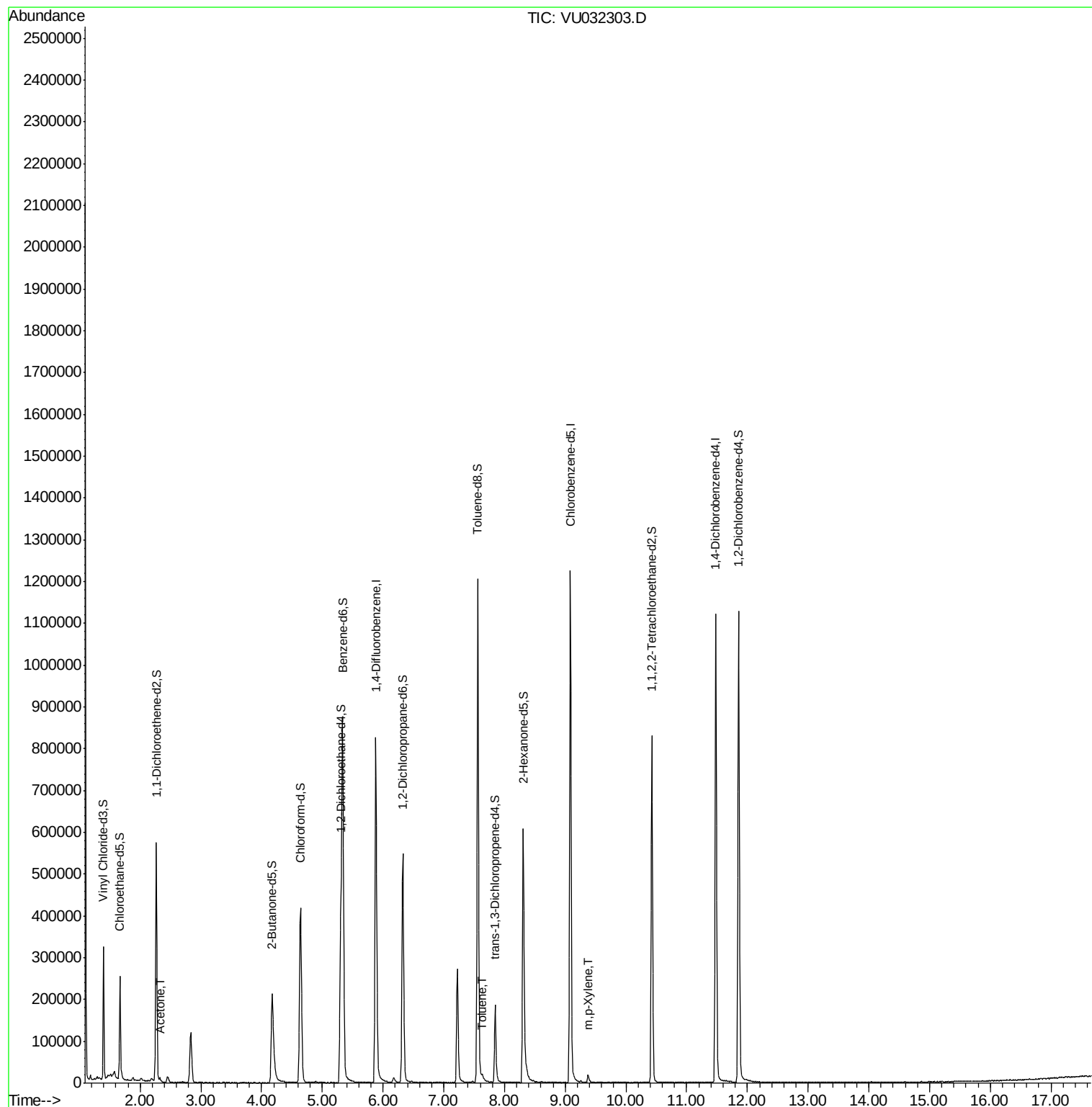
					Ovalue
13) Acetone	2.32	43	4940	1.633 ug/L	92
42) Toluene	7.64	91	8873	0.386 ug/L	92
53) m,p-Xylene	9.38	106	6732	0.747 ug/L	99

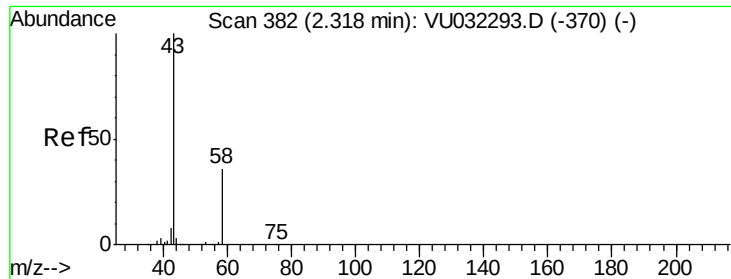
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.633 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032303.D

Acq: 24 May 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

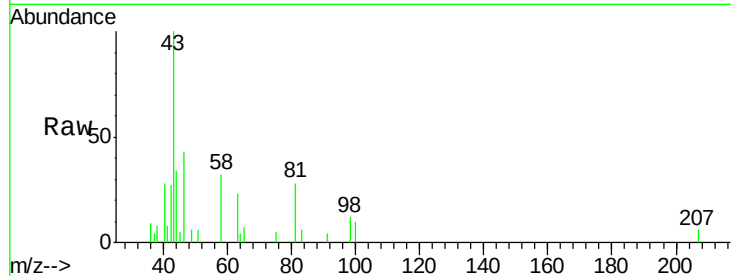
VIBLK40

Tot Ion: 43 Resp: 4940

Ion Ratio Lower Upper

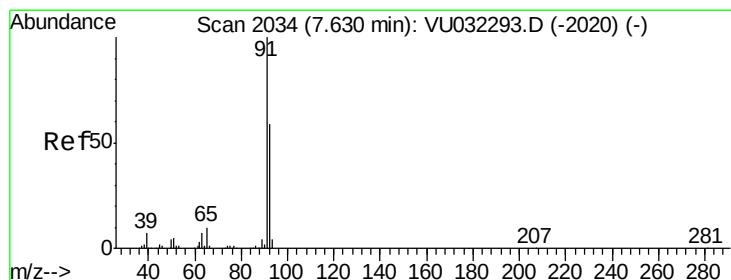
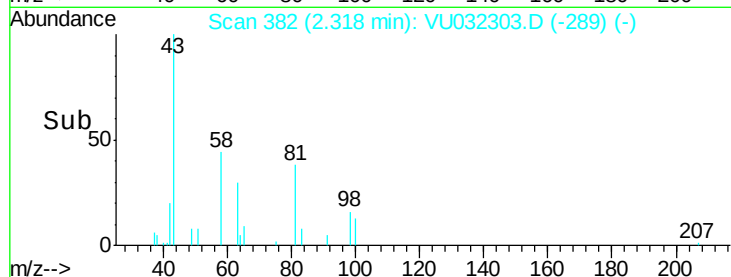
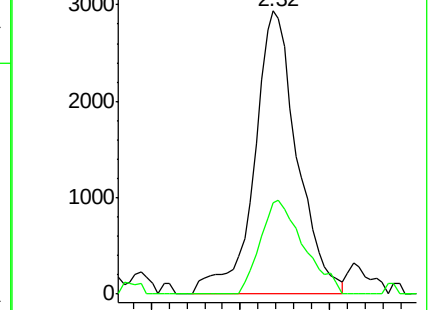
43 100

58 33.7 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: 0.386 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. 0.01 min

Lab File: VU032303.D

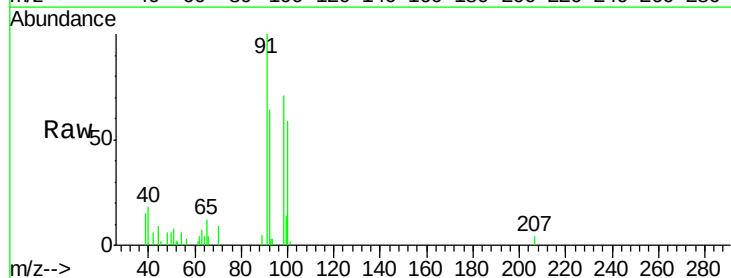
Acq: 24 May 2019 11:04

Tgt Ion: 91 Resp: 8873

Ion Ratio Lower Upper

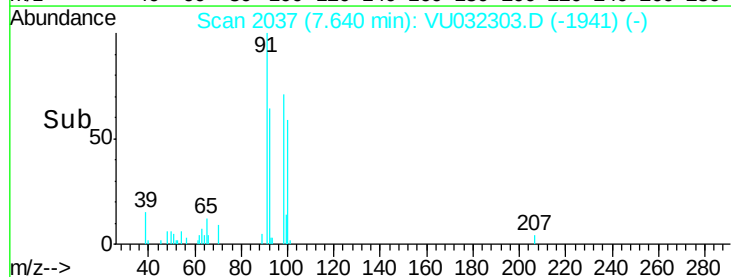
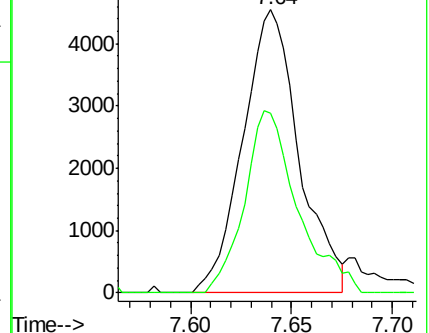
91 100

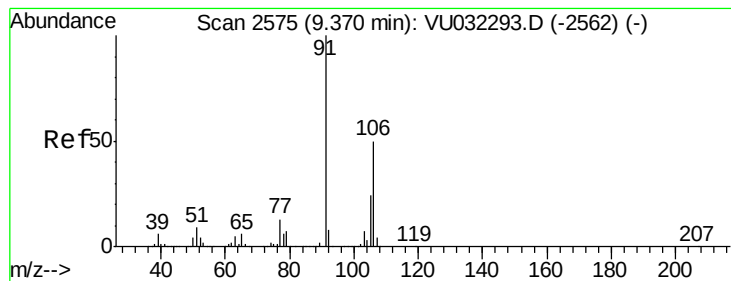
92 63.5 40.3 74.9



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

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





#53

m,p-Xylene

Concen: 0.747 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.01 min

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Tot Ion:106 Resp: 6732

Ion Ratio Lower Upper

106 100

91 194.1 136.5 253.5

