

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011020\
 Data File : VU036431.D
 Acq On : 10 Jan 2020 16:28
 Operator : JC/MD
 Sample : L1090-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ1

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:05:03 AM

Quant Time: Jan 10 23:23:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 10 22:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	481182	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	460694	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	177587	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122483	32.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.34%
7) Chloroethane-d5	1.93	69	119744	37.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.72%
11) 1,1-Dichloroethene-d2	2.59	63	201166m	31.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.98%
21) 2-Butanone-d5	4.68	46	262563	94.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.04%
24) Chloroform-d	5.11	84	301061	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	209123	48.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.40%
32) Benzene-d6	5.77	84	595290	46.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.82%
36) 1,2-Dichloropropane-d6	6.73	67	198999	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.52%
41) Toluene-d8	7.93	98	547084	44.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.88%
43) trans-1,3-Dichloropropene-	8.21	79	102251	43.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.62%
47) 2-Hexanone-d5	8.67	63	184614	83.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	293106	44.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.86%
64) 1,2-Dichlorobenzene-d4	12.22	152	172631	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%

Target Compounds					Ovalue
13) Acetone	2.66	43	6910	2.386 ug/L	98
42) Toluene	8.00	91	14856	0.997 ug/L	88

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

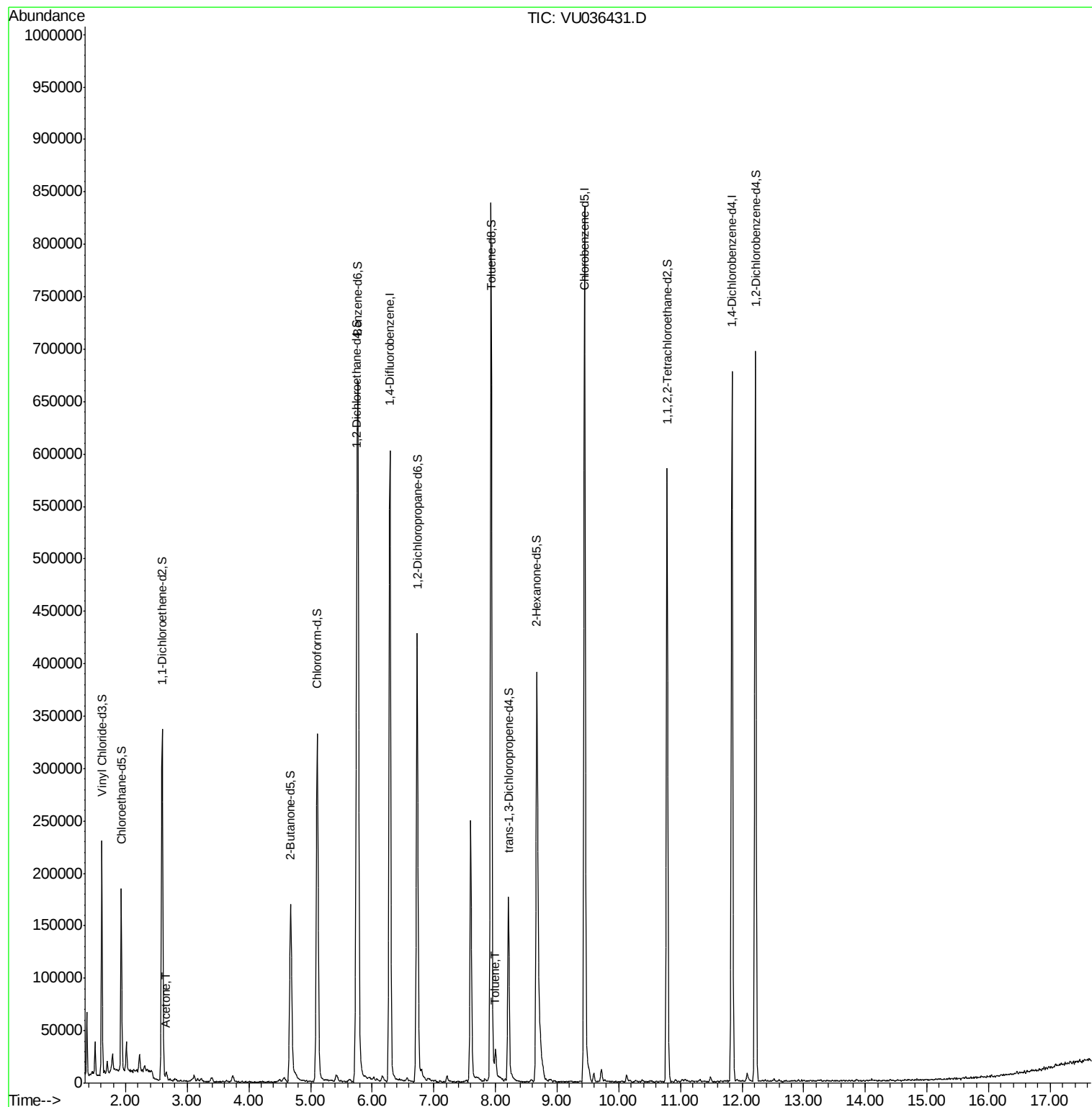
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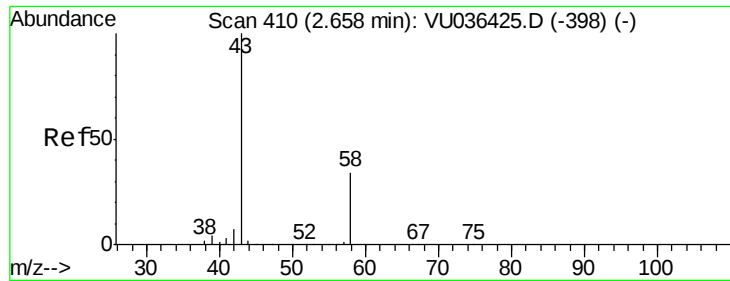
Instrument :
MSVOA_U
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ETOQ1

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#13

Acetone

Concen: 2.386 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU036431.D

Acq: 10 Jan 2020 16:28

Instrument :

MSVOA_U

ClientSampled :

ETOQ1

Tot Ion: 43 Resp: 6910

Ion Ratio Lower Upper

43 100

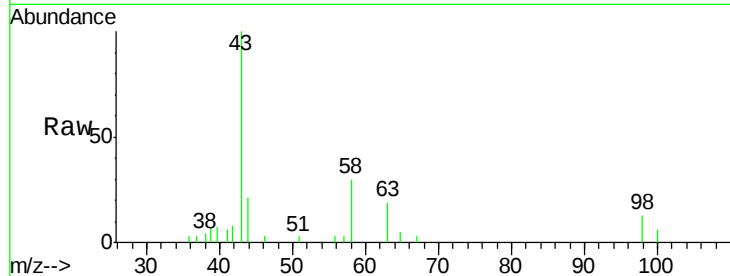
58 34.1 0.0 66.2

Manual Integrations

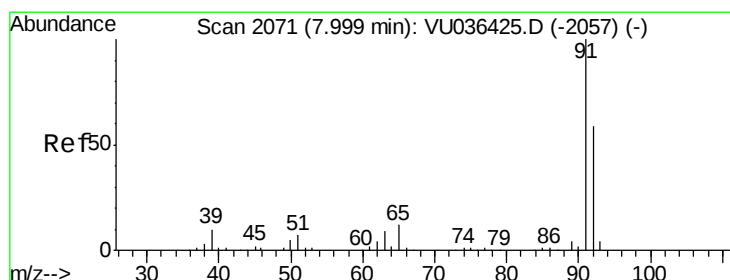
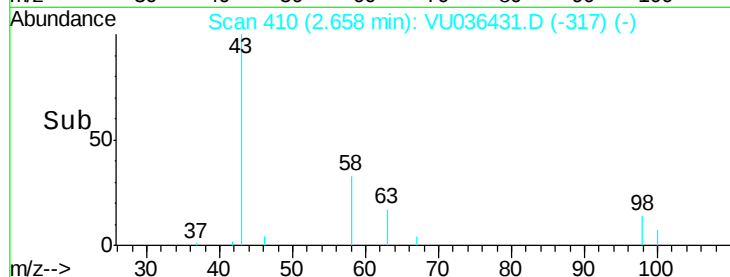
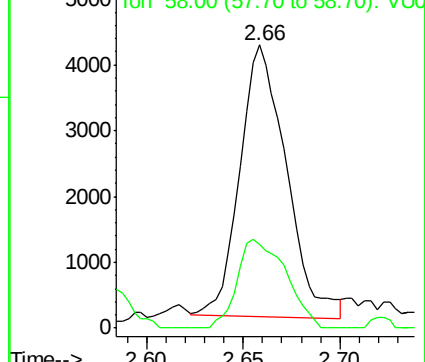
APPROVED

MMDadoda

1/13/2020 11:05:03 AM



Abundance Ion 43.00 (42.70 to 43.70): VU036431.D (-317) (-)



#42

Toluene

Concen: 0.997 ug/L

RT: 8.00 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VU036431.D

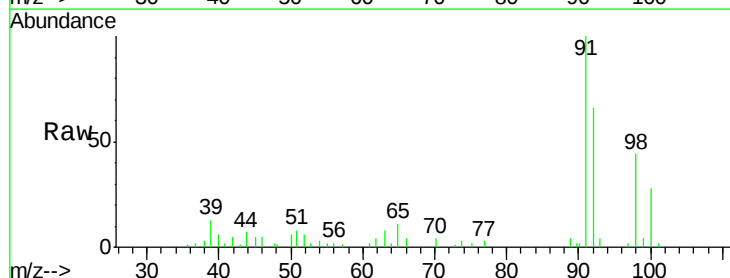
Acq: 10 Jan 2020 16:28

Tgt Ion: 91 Resp: 14856

Ion Ratio Lower Upper

91 100

92 66.1 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VU036431.D (-1978) (-)

