

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037118.D
 Acq On : 06 Mar 2020 18:55
 Operator : JC/MD
 Sample : L1834-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DF3

Quant Time: Mar 07 02:41:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	261950	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	250500	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	84406	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88046	40.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.04%
7) Chloroethane-d5	1.93	69	82625	45.39	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.78%
11) 1,1-Dichloroethene-d2	2.59	63	117179	31.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.62%
21) 2-Butanone-d5	4.67	46	135894	92.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.10%
24) Chloroform-d	5.11	84	150583	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.74	65	103151	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.74%
32) Benzene-d6	5.76	84	321589	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
36) 1,2-Dichloropropane-d6	6.72	67	106241	45.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.54%
41) Toluene-d8	7.93	98	283145	42.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.26%
43) trans-1,3-Dichloropropene-	8.20	79	42891	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
47) 2-Hexanone-d5	8.66	63	85756	74.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.73%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144163	43.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.14%
64) 1,2-Dichlorobenzene-d4	12.21	152	79213	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%

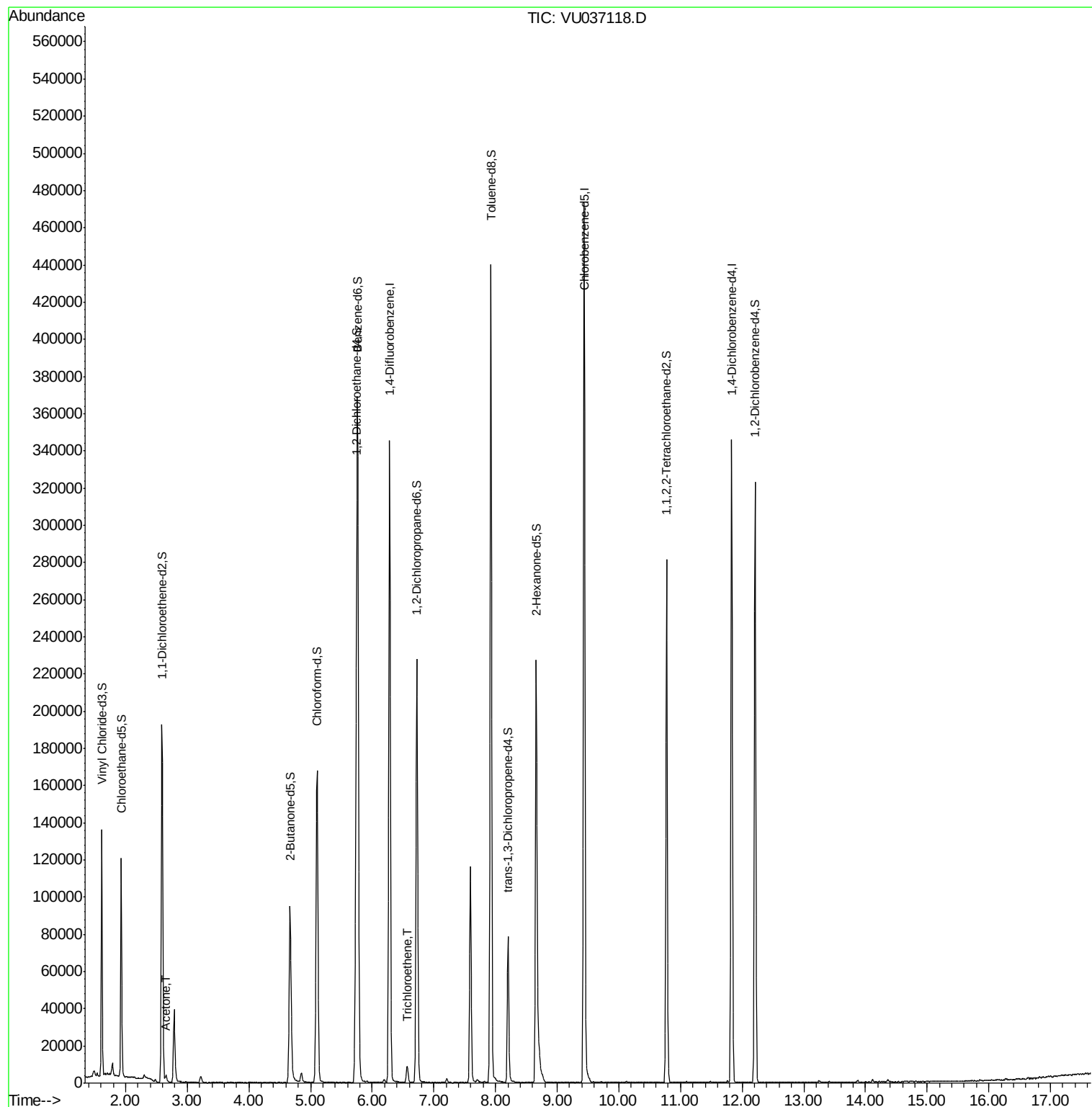
Target Compounds					Ovalue
13) Acetone	2.66	43	3859	2.543 ug/L	95
34) Trichloroethene	6.57	95	1754	0.902 ug/L	99

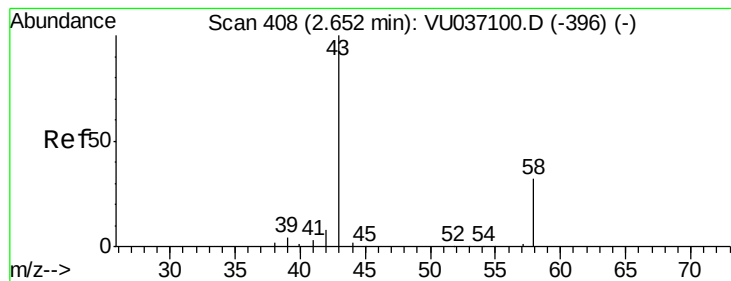
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.543 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

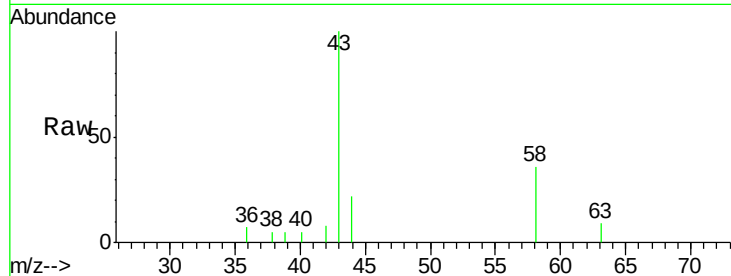
C0DF3

Tot Ion: 43 Resp: 3859

Ion Ratio Lower Upper

43 100

58 29.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037100.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037100.D (-396) (-)

2.66

2000

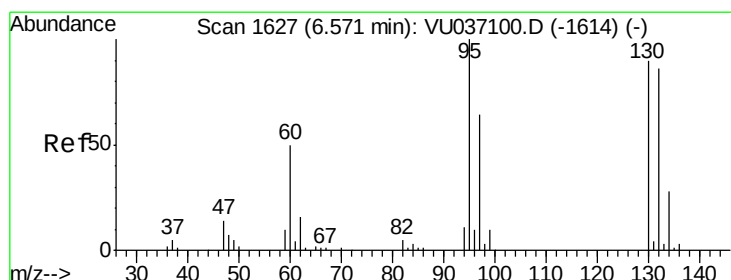
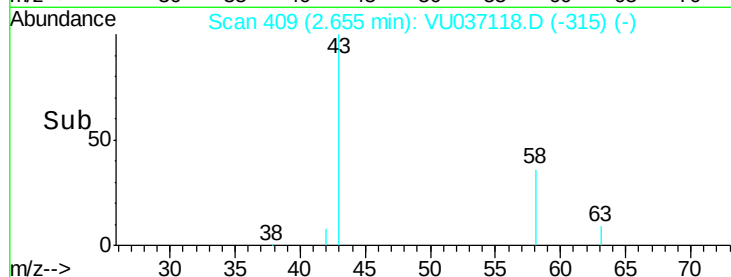
1500

1000

500

0

Time--> 2.60 2.65 2.70



#34

Trichloroethene

Concen: 0.902 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 1754

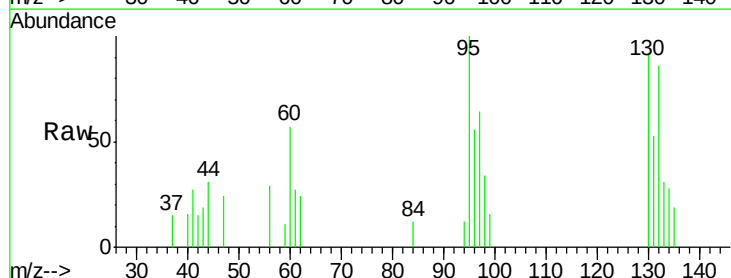
Ion Ratio Lower Upper

95 100

97 63.9 44.1 81.9

132 85.6 60.6 112.6

130 91.7 64.9 120.5



Abundance Ion 95.00 (94.70 to 95.70): VU037100.D (-1614) (-)

Ion 97.00 (96.70 to 97.70): VU037100.D (-1614) (-)

Ion 132.00 (131.70 to 132.70): VU037100.D (-1614) (-)

Ion 130.00 (129.70 to 130.70): VU037100.D (-1614) (-)

6.57

1000

500

0

Time--> 6.55 6.60

