

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037664.D
 Acq On : 10 Apr 2020 11:52
 Operator : JC/MD
 Sample : L1885-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EX8

Quant Time: Apr 11 00:11:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 23:26:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	471000	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	446700	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	216749	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	158635	38.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.06%
7) Chloroethane-d5	1.93	69	140813	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.64%
11) 1,1-Dichloroethene-d2	2.59	63	213070	31.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.50%
21) 2-Butanone-d5	4.66	46	319814	95.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.87%
24) Chloroform-d	5.10	84	287409	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
26) 1,2-Dichloroethane-d4	5.74	65	205551	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.76	84	611058	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.72	67	205421	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.92%
41) Toluene-d8	7.93	98	553588	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%
43) trans-1,3-Dichloropropene-	8.20	79	107279	45.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.74%
47) 2-Hexanone-d5	8.66	63	233975	93.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	288064	46.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.24%
64) 1,2-Dichlorobenzene-d4	12.21	152	203555	45.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.26%

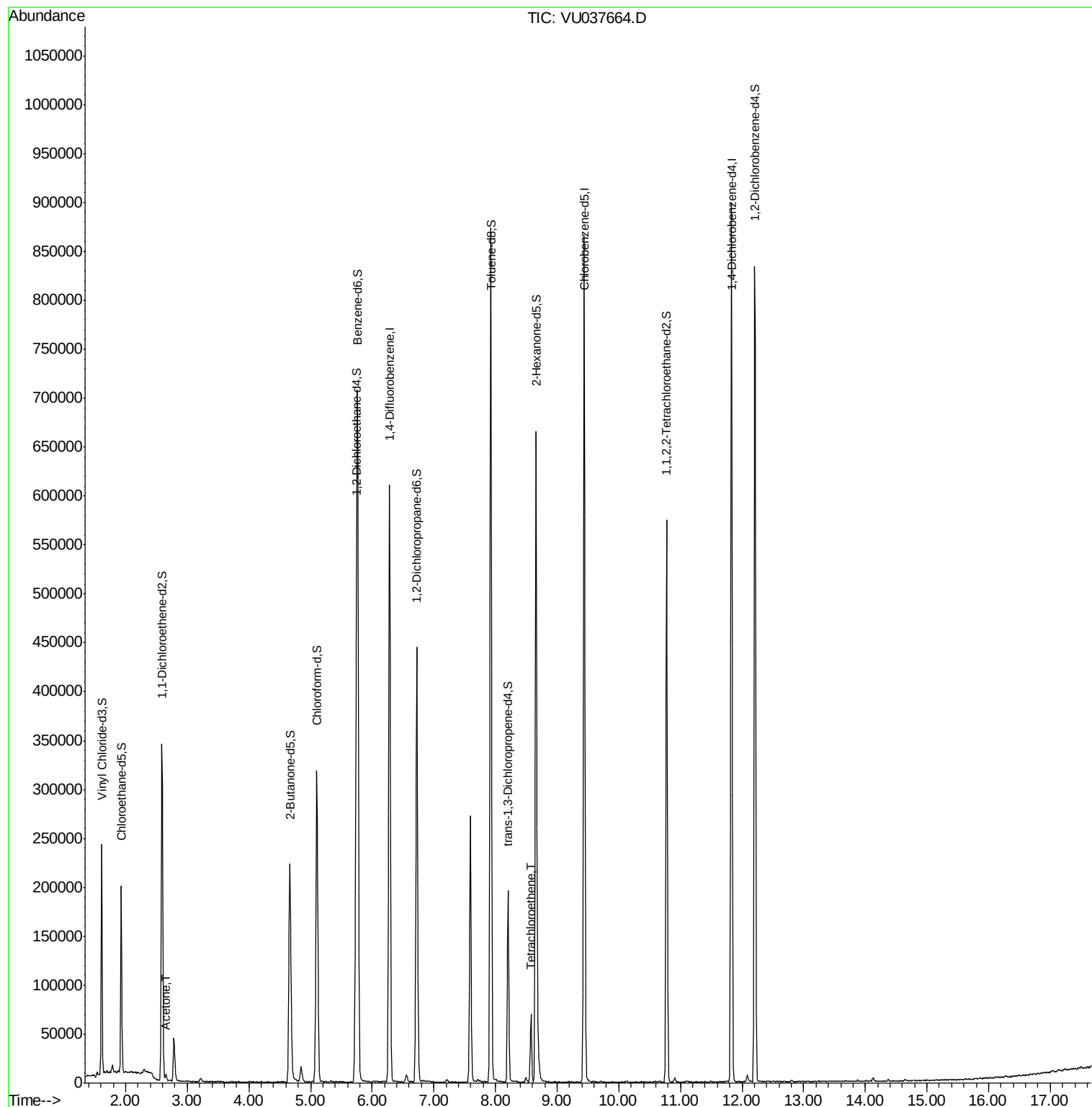
Target Compounds					Ovalue
13) Acetone	2.65	43	6945	3.525 ug/L	97
46) Tetrachloroethene	8.58	164	15357	6.168 ug/L	94

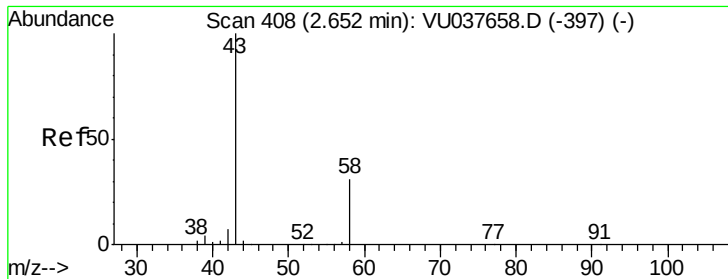
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.525 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037664.D

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Instrument :

MSVOA_U

ClientSampleId :

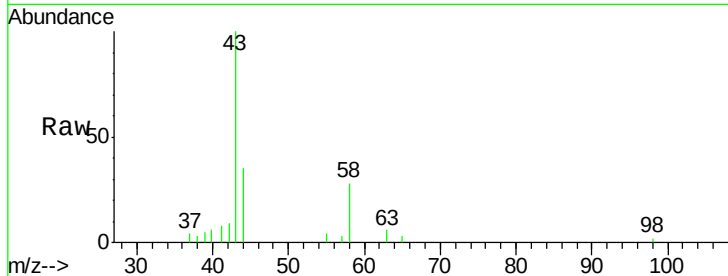
C0EX8

Tot Ion: 43 Resp: 6945

Ion Ratio Lower Upper

43 100

58 29.8 0.0 63.2



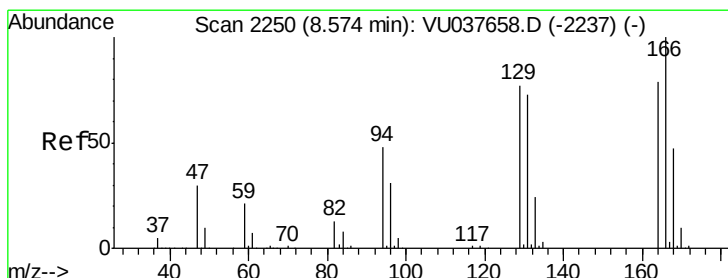
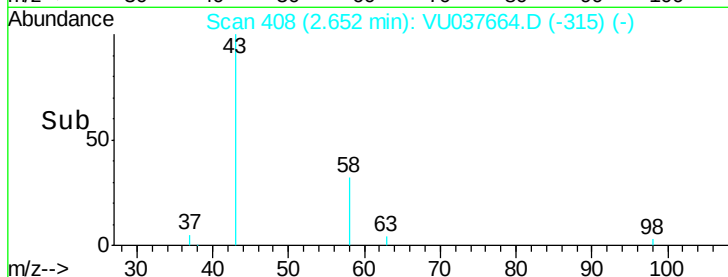
Abundance Ion 43.00 (42.70 to 43.70): VU037658.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037658.D (-397) (-)

2.65

Time-->

2.60 2.65 2.70



#46

Tetrachloroethene

Concen: 6.168 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 15357

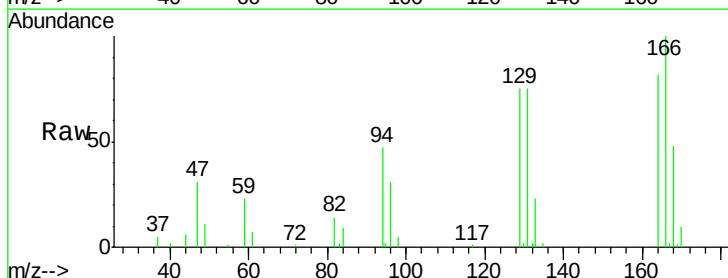
Ion Ratio Lower Upper

164 100

129 91.1 68.0 126.2

131 91.4 65.8 122.2

166 121.5 92.0 170.9



Abundance Ion 164.00 (163.70 to 164.70): VU037658.D (-2237) (-)

Ion 129.00 (128.70 to 129.70): VU037658.D (-2237) (-)

Ion 131.00 (130.70 to 131.70): VU037658.D (-2237) (-)

Ion 166.00 (165.70 to 166.70): VU037658.D (-2237) (-)

8.58

Time-->

8.55 8.60

