

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037640.D
 Acq On : 10 Apr 2020 00:46
 Operator : JC/MD
 Sample : L1885-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EY0

Quant Time: Apr 10 06:15:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 06:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	512322	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	484095	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	231870	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	191827	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.66%
7) Chloroethane-d5	1.93	69	165419	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.59	63	249371	34.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.34%
21) 2-Butanone-d5	4.66	46	357884	98.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.63%
24) Chloroform-d	5.10	84	315896	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
26) 1,2-Dichloroethane-d4	5.74	65	227923	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
32) Benzene-d6	5.76	84	698971	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
36) 1,2-Dichloropropane-d6	6.72	67	234336	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.92	98	629990	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%
43) trans-1,3-Dichloropropene-	8.20	79	120023	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.66	63	267771	98.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.65%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	325973	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	12.21	152	233175	48.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.64%

Target Compounds

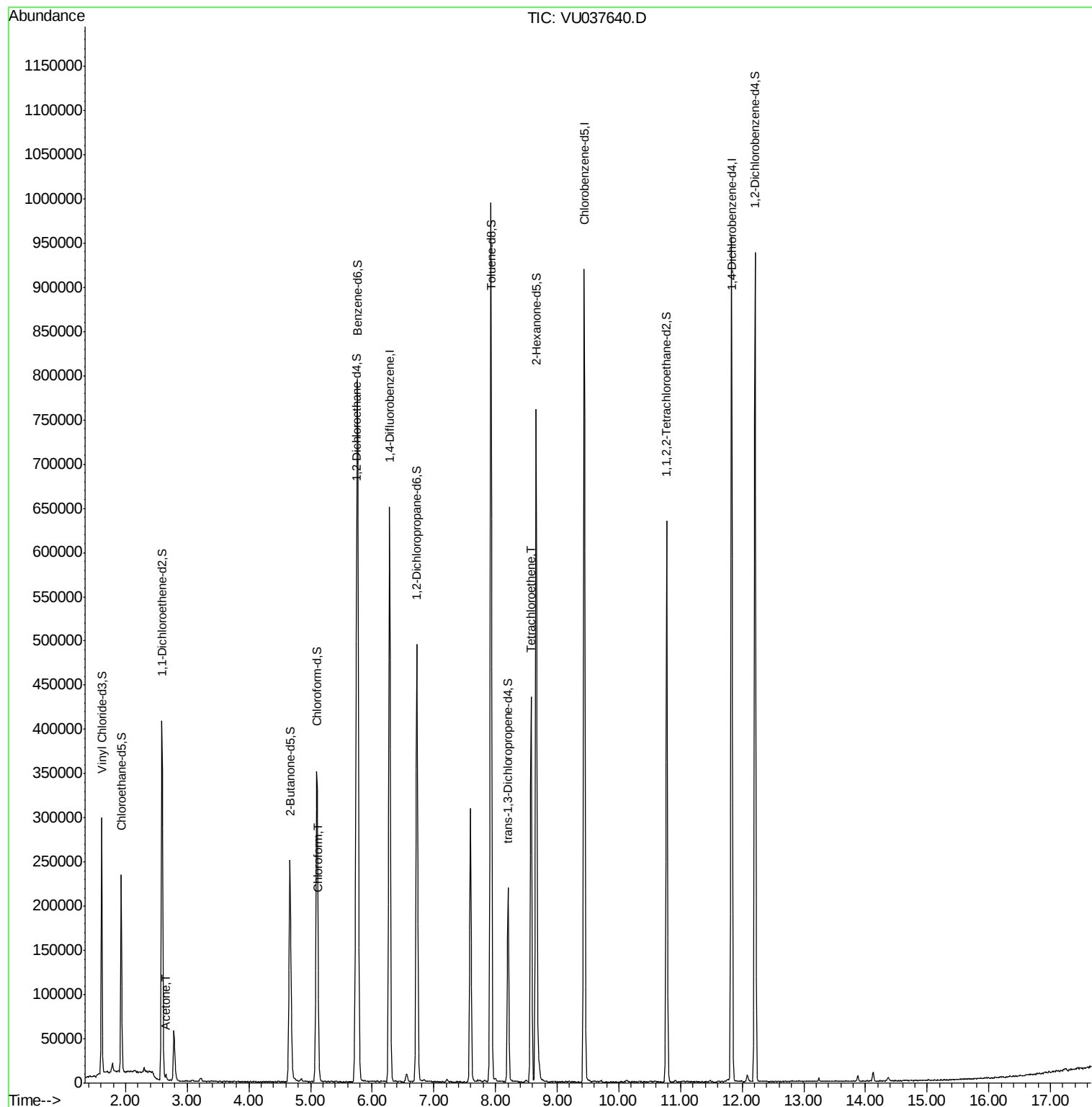
					Ovalue
13) Acetone	2.65	43	7242	3.379 ug/L	97
25) Chloroform	5.13	83	11333	1.749 ug/L	92
46) Tetrachloroethene	8.58	164	95387	35.351 ug/L	97

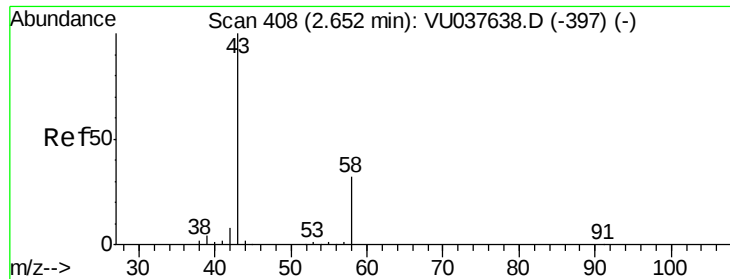
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.379 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

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ClientSampleId :

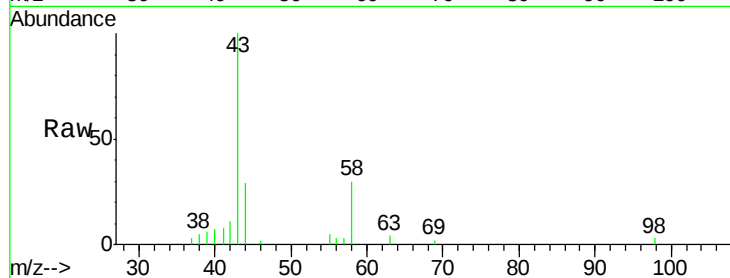
C0EY0

Tot Ion: 43 Resp: 7242

Ion Ratio Lower Upper

43 100

58 33.3 0.0 63.2

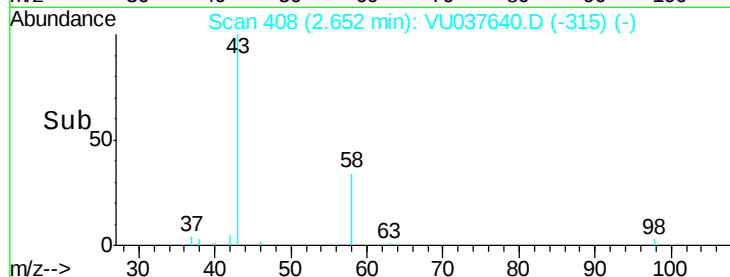


Abundance Ion 43.00 (42.70 to 43.70): VU037638.D (-397) (-)

Ion 58.00 (57.70 to 58.70): VU037638.D (-397) (-)

Time-->

2.60 2.65 2.70



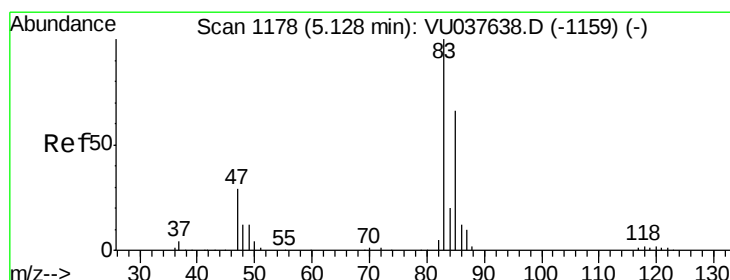
Abundance

Ion 43.00 (42.70 to 43.70): VU037640.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU037640.D (-315) (-)

Time-->

2.60 2.65 2.70



#25

Chloroform

Concen: 1.749 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037640.D

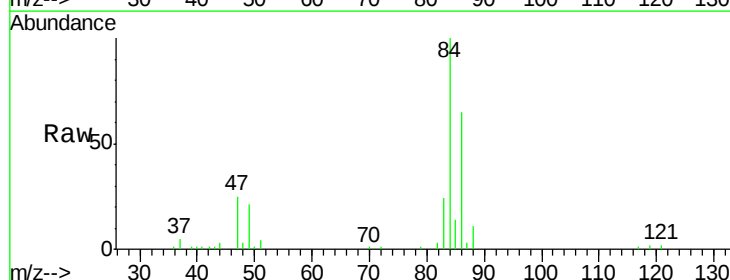
Acq: 10 Apr 2020 00:46

Tgt Ion: 83 Resp: 11333

Ion Ratio Lower Upper

83 100

85 58.3 45.5 84.5

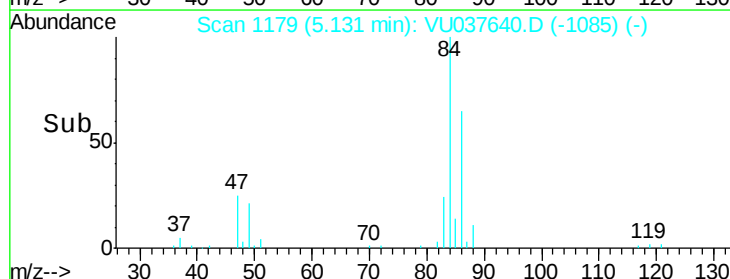


Abundance Ion 83.00 (82.70 to 83.70): VU037638.D (-1159) (-)

Ion 85.00 (84.70 to 85.70): VU037638.D (-1159) (-)

Time-->

5.10 5.15



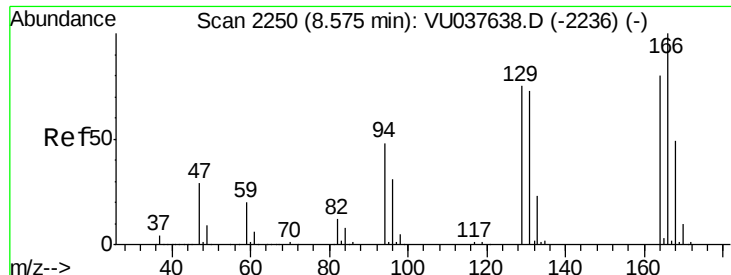
Abundance

Ion 83.00 (82.70 to 83.70): VU037640.D (-1085) (-)

Ion 85.00 (84.70 to 85.70): VU037640.D (-1085) (-)

Time-->

5.10 5.15



#46

Tetrachloroethene

Concen: 35.351 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037640.D

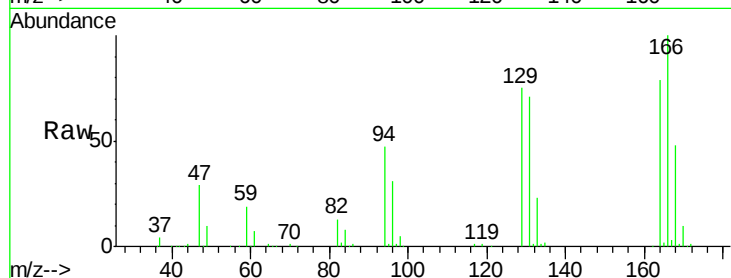
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Tot Ion:164 Resp: 95387

Ion Ratio Lower Upper

164 100

129 95.6 68.0 126.2

131 90.4 65.8 122.2

166 126.7 92.0 170.9

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

