

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101518\
 Data File : VU027659.D
 Acq On : 15 Oct 2018 11:59
 Operator : MD/SY
 Sample : J5403-15RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0904RE

Quant Time: Oct 16 07:38:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 10 08:24:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	194996	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177358	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71043	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62517	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.48%
7) Chloroethane-d5	1.68	69	55162	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.32%
11) 1,1-Dichloroethene-d2	2.27	63	94753	32.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.84%
21) 2-Butanone-d5	4.18	46	134953	108.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.94%
24) Chloroform-d	4.65	84	124921	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.31	65	87665	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
32) Benzene-d6	5.34	84	250356	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.50%
36) 1,2-Dichloropropane-d6	6.33	67	91079	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.62%
41) Toluene-d8	7.57	98	201488	44.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.70%
43) trans-1,3-Dichloropropene-	7.85	79	37711	44.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.90%
47) 2-Hexanone-d5	8.31	63	93496	106.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119862	52.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	72908	52.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.92%

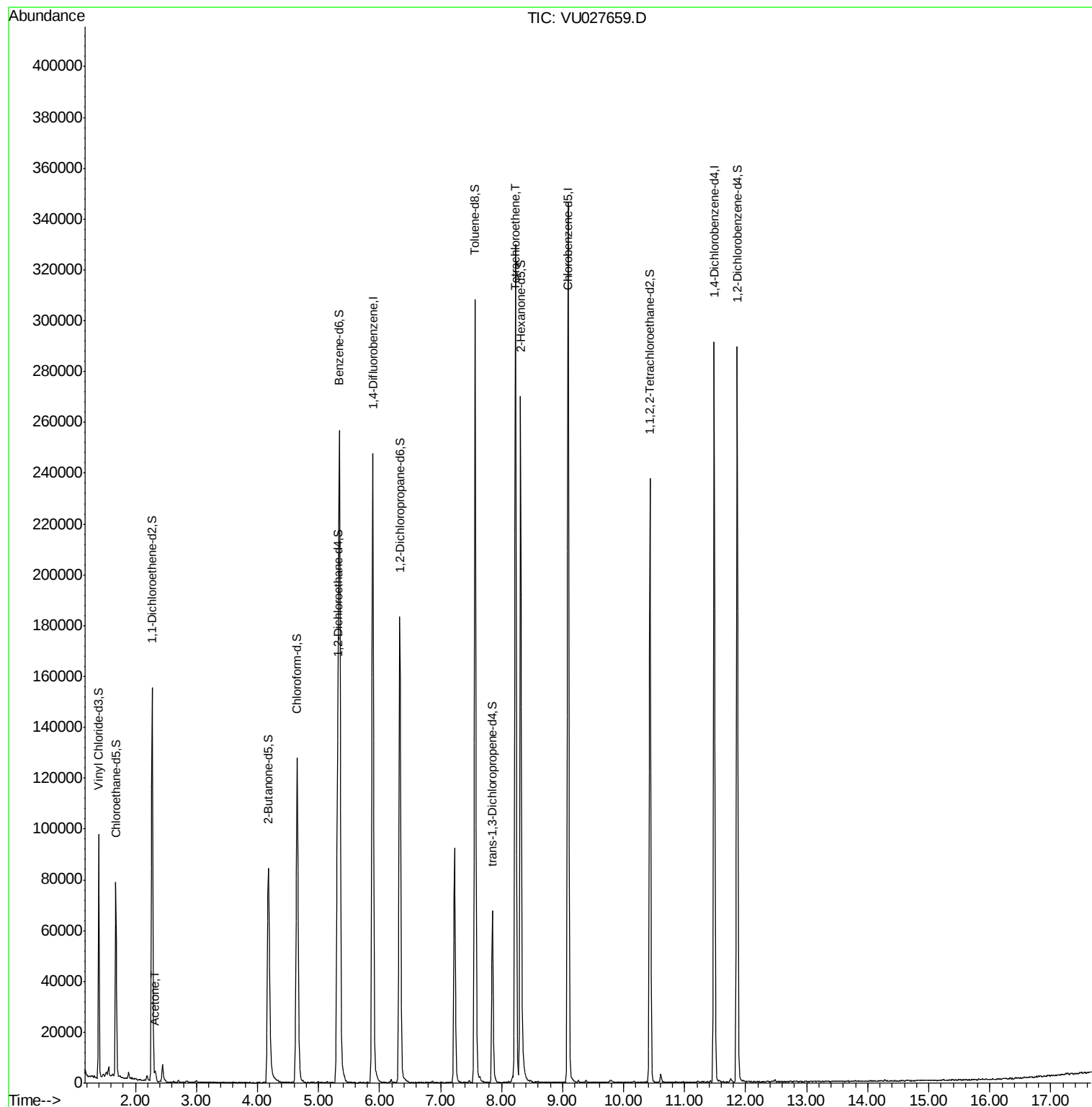
Target Compounds					Ovalue
13) Acetone	2.32	43	3339	3.286 ug/L	89
46) Tetrachloroethene	8.23	164	73201	70.271 ug/L	99

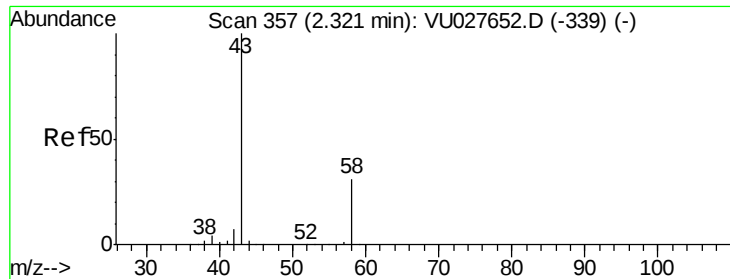
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.286 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

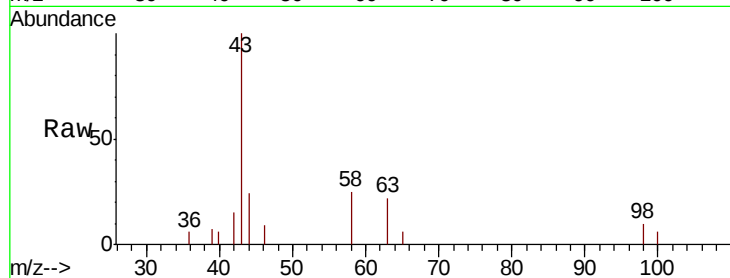
C0904RE

Tot Ion: 43 Resp: 3339

Ion Ratio Lower Upper

43 100

58 24.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU027652.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU027652.D (-339) (-)

2.32

2000

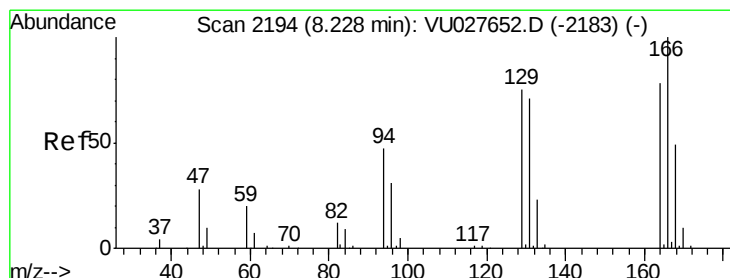
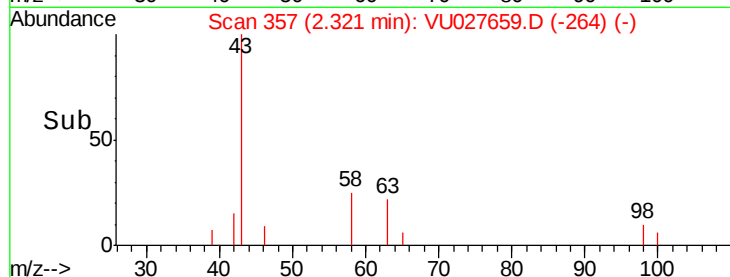
1500

1000

500

0

Time-->



#46

Tetrachloroethene

Concen: 70.271 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 73201

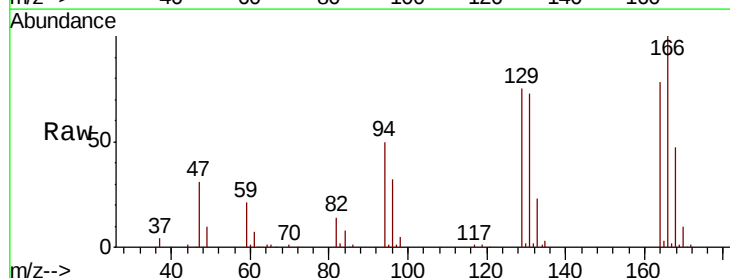
Ion Ratio Lower Upper

164 100

129 96.0 67.0 124.4

131 94.0 65.1 120.9

166 128.7 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VU027652.D (-2183) (-)

Ion 129.00 (128.70 to 129.70): VU027652.D (-2183) (-)

Ion 131.00 (130.70 to 131.70): VU027652.D (-2183) (-)

Ion 166.00 (165.70 to 166.70): VU027652.D (-2183) (-)

8.23

80000

60000

40000

20000

0

Time-->

