

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101218\
 Data File : VU027633.D
 Acq On : 12 Oct 2018 18:55
 Operator : MD/SY
 Sample : J5403-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0905

Quant Time: Oct 15 11:09:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 13 04:07:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	166083	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54413	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.26%
7) Chloroethane-d5	1.68	69	45474	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.27	63	77576	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	4.18	46	110478	104.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.70%
24) Chloroform-d	4.65	84	101226	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.31	65	70026	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
32) Benzene-d6	5.34	84	198014	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.33	67	73292	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.57	98	162840	41.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.62%
43) trans-1,3-Dichloropropene-	7.85	79	29250	40.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.38%
47) 2-Hexanone-d5	8.31	63	73724	96.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94425	47.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	56788	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%

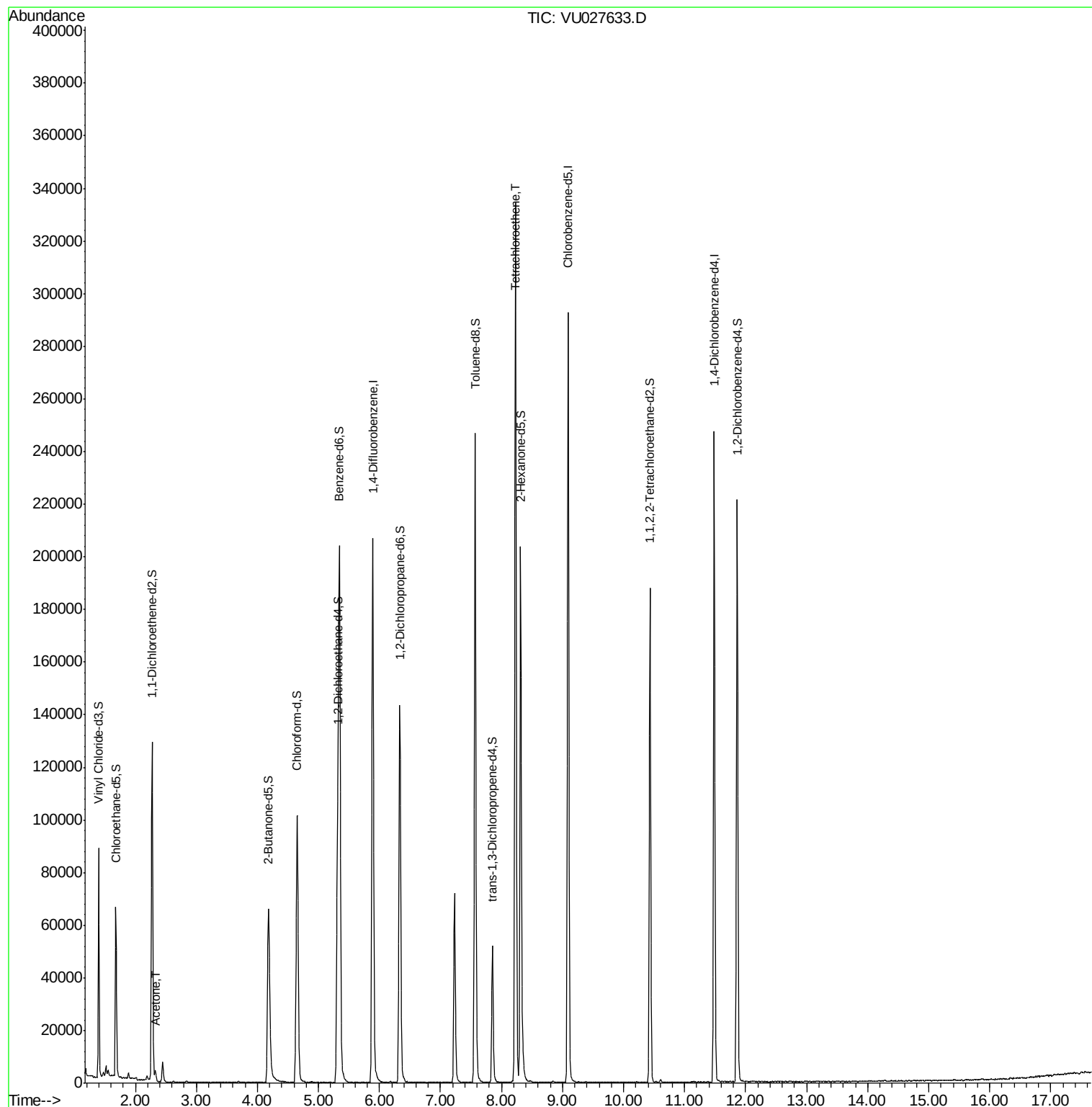
Target Compounds						Qvalue
13) Acetone	2.32	43	3247	3.75	ug/L	97
46) Tetrachloroethene	8.23	164	73326	81.14	ug/L	99

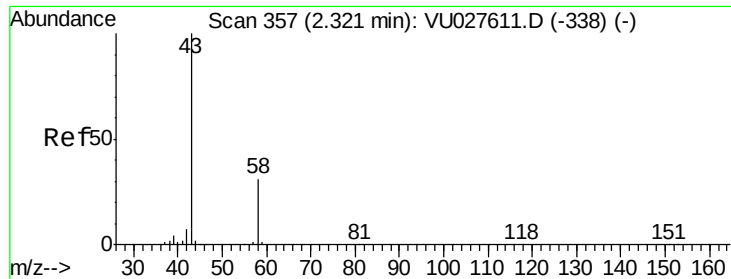
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.75 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

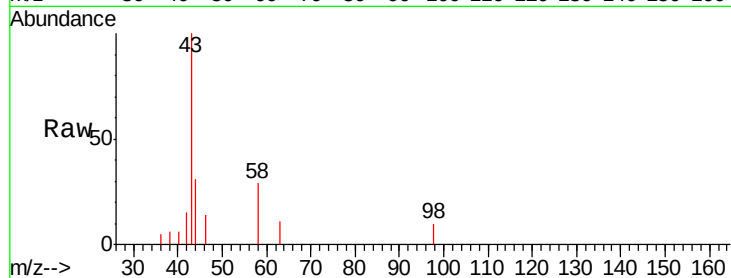
C0905

Tgt Ion: 43 Resp: 3247

Ion Ratio Lower Upper

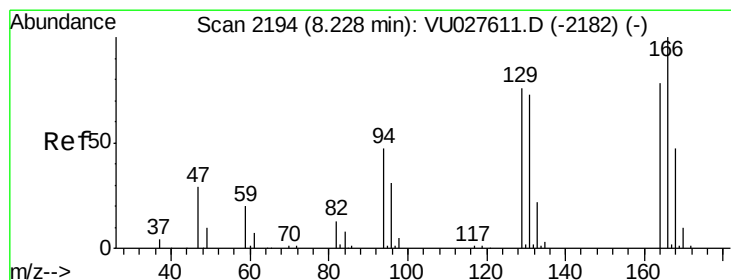
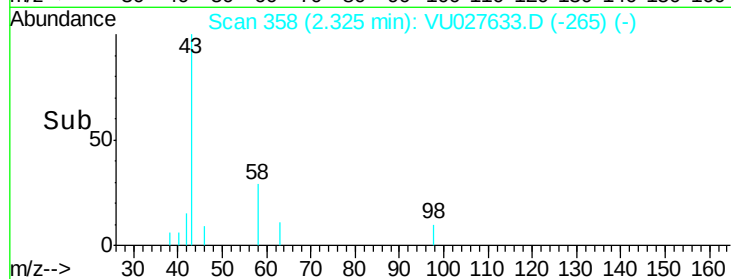
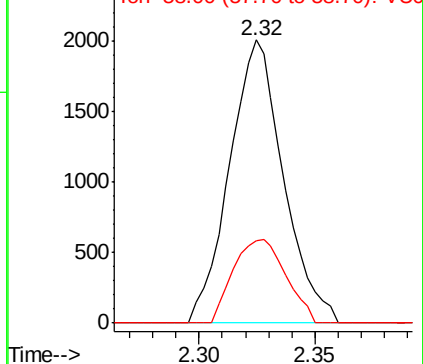
43 100

58 28.9 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#46

Tetrachloroethene

Concen: 81.14 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 73326

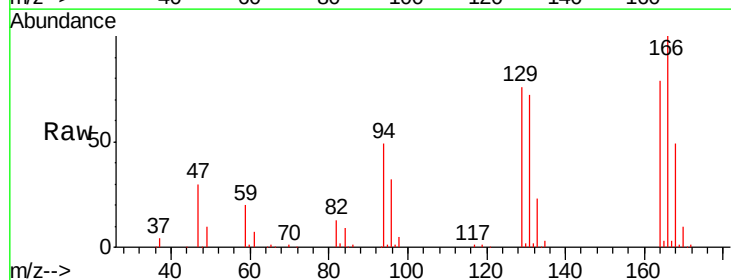
Ion Ratio Lower Upper

164 100

129 96.6 67.0 124.4

131 92.1 65.1 120.9

166 127.2 90.4 167.8



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

