

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101218\
 Data File : VU027631.D
 Acq On : 12 Oct 2018 18:08
 Operator : MD/SY
 Sample : J5403-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0903

Quant Time: Oct 13 04:00:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 13 01:37:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	163690	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	152703	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52950	41.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.20%
7) Chloroethane-d5	1.68	69	44416	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.52%
11) 1,1-Dichloroethene-d2	2.27	63	76197	31.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	4.18	46	106546	102.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.45%
24) Chloroform-d	4.65	84	98790	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.90%
26) 1,2-Dichloroethane-d4	5.31	65	68099	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.34	84	192462	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
36) 1,2-Dichloropropane-d6	6.33	67	70397	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.92%
41) Toluene-d8	7.57	98	158293	40.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.94%
43) trans-1,3-Dichloropropene-	7.85	79	29381	40.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.34%
47) 2-Hexanone-d5	8.31	63	74150	97.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91568	46.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	55503	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%

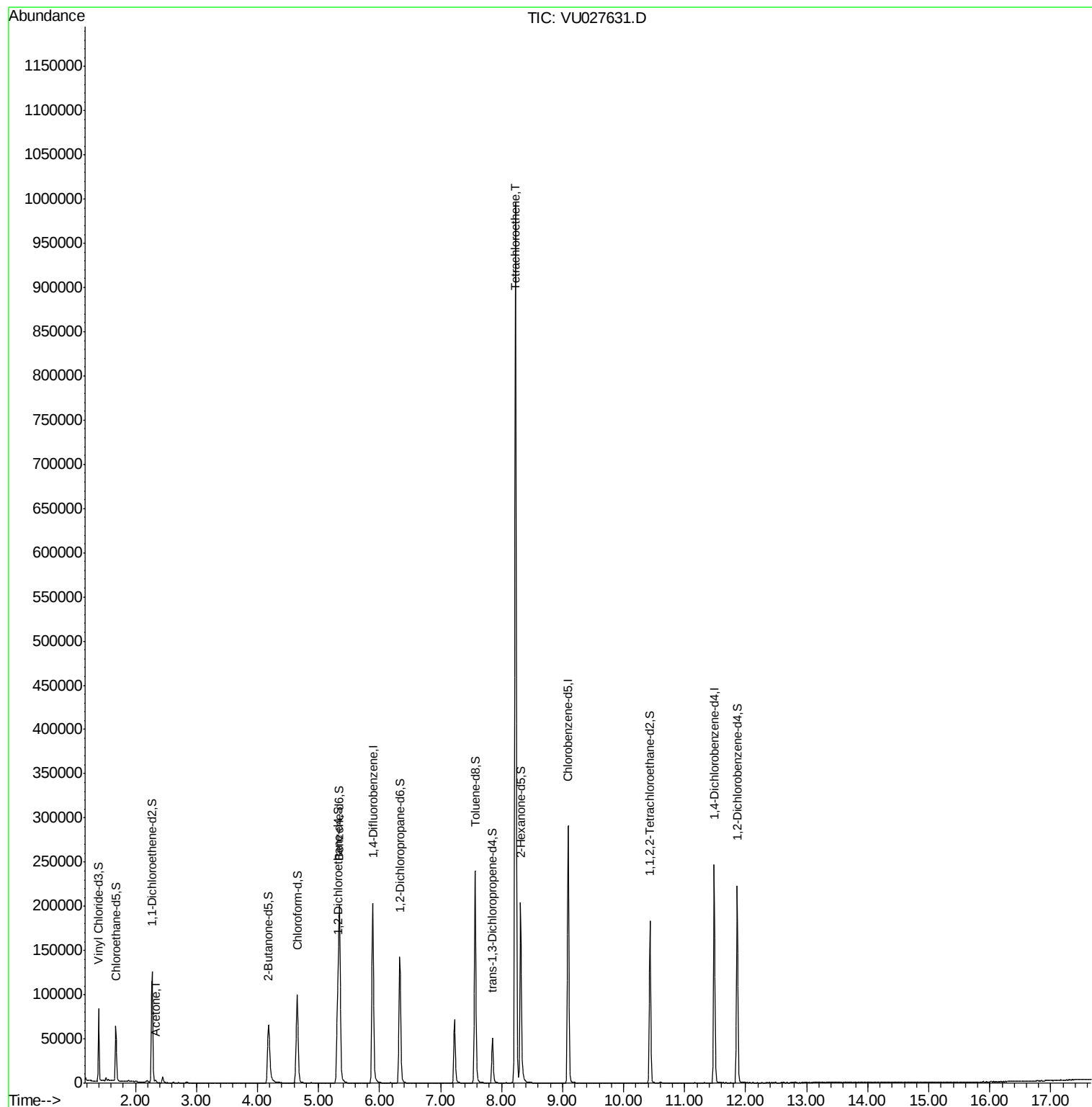
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	1743	2.04	ug/L	99
46) Tetrachloroethene	8.23	164	220292	245.62	ug/L	99

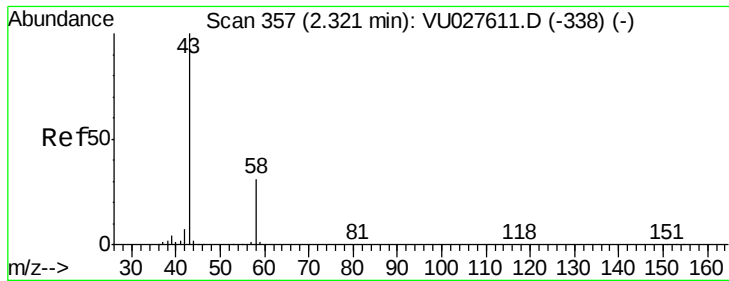
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.04 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

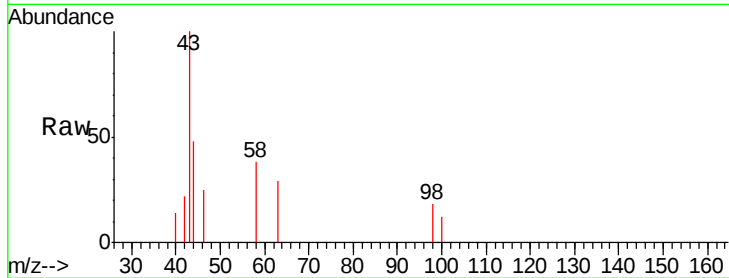
C0903

Tgt Ion: 43 Resp: 1743

Ion Ratio Lower Upper

43 100

58 31.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1200

1000

800

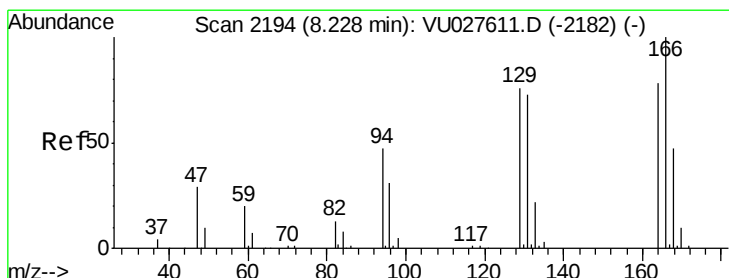
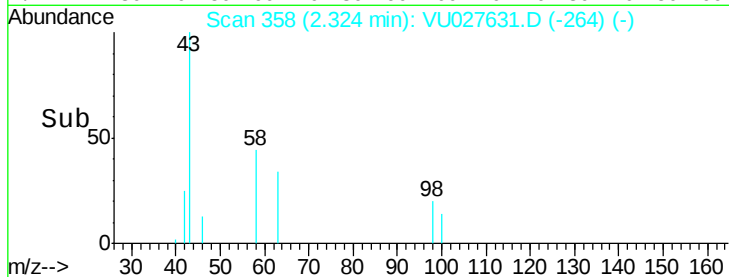
600

400

200

0

Time-->



#46

Tetrachloroethene

Concen: 245.62 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 220292

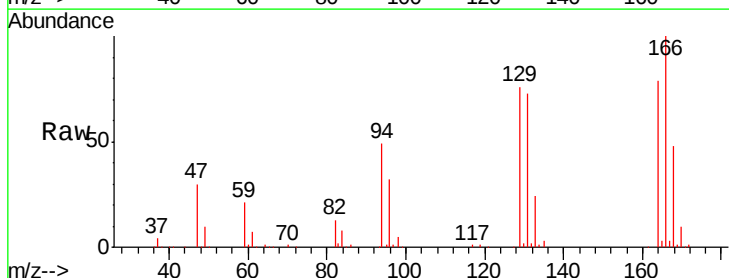
Ion Ratio Lower Upper

164 100

129 95.9 67.0 124.4

131 92.4 65.1 120.9

166 125.8 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

250000

200000

150000

100000

50000

0

Time-->

