

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U101218\
 Data File : VU027647.D
 Acq On : 13 Oct 2018 00:41
 Operator : MD/SY
 Sample : J5405-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Y7

Quant Time: Oct 13 05:04:20 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	175373	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162641	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63560	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51967	37.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.30%
7) Chloroethane-d5	1.68	69	44759	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.28	63	75805	29.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.56%#
21) 2-Butanone-d5	4.18	46	102696	92.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.17%
24) Chloroform-d	4.65	84	98119	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
26) 1,2-Dichloroethane-d4	5.31	65	68999	44.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.20%
32) Benzene-d6	5.34	84	193072	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.84%
36) 1,2-Dichloropropane-d6	6.33	67	70772	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.66%
41) Toluene-d8	7.57	98	156388	37.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.08%#
43) trans-1,3-Dichloropropene-	7.85	79	27963	36.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.70%
47) 2-Hexanone-d5	8.31	63	67705	83.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91788	43.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	54396	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%

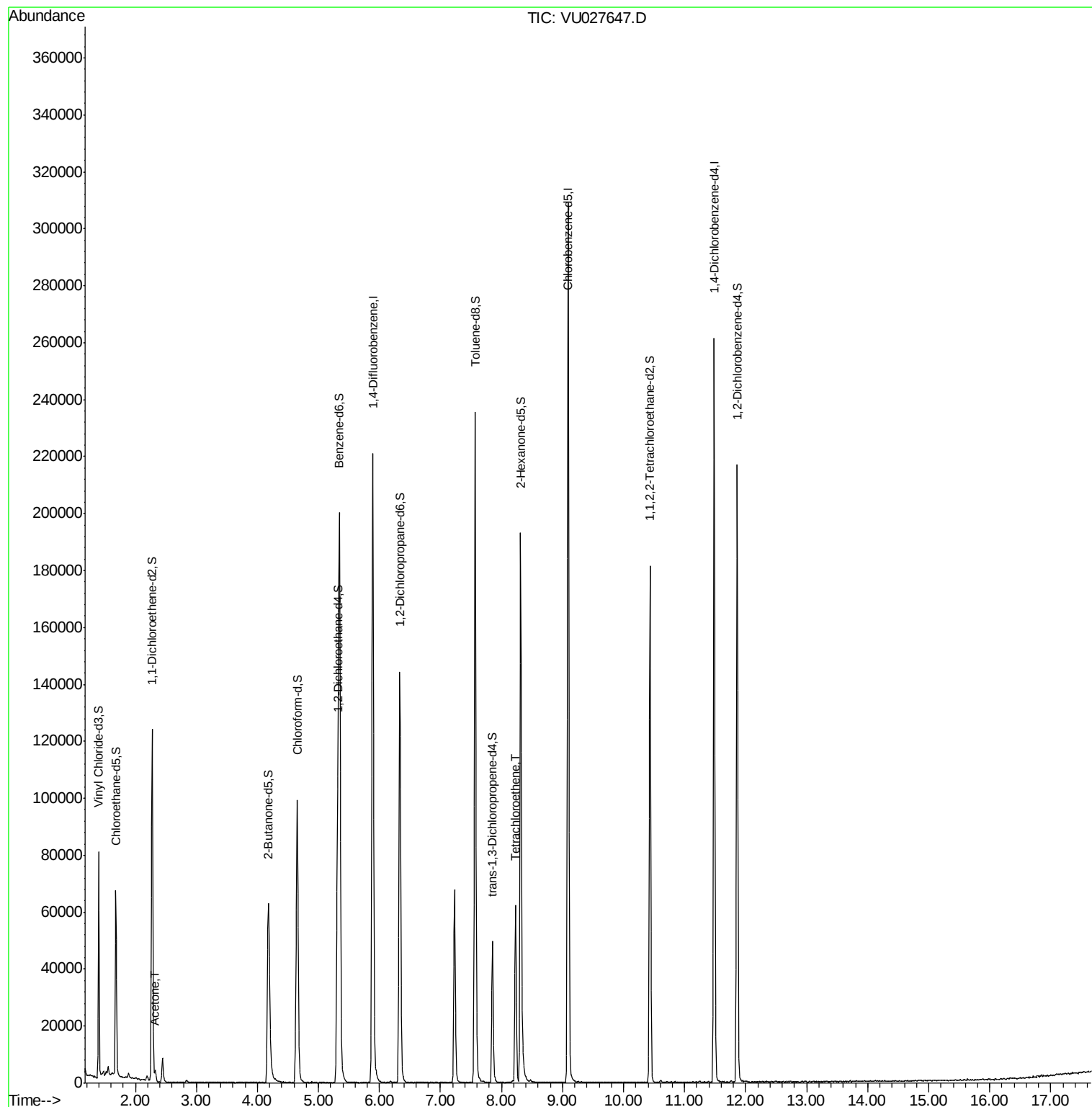
Target Compounds						Qvalue
13) Acetone	2.32	43	3285	3.59	ug/L	92
46) Tetrachloroethene	8.23	164	14399	15.07	ug/L	95

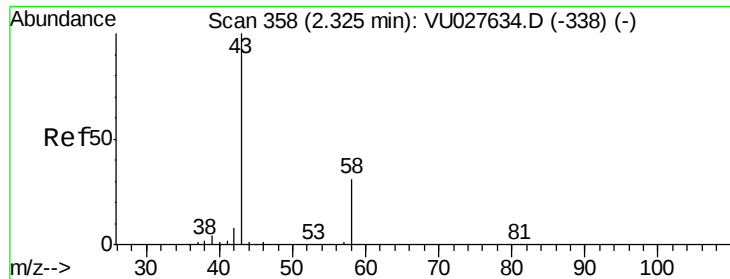
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.59 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027647.D

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Instrument :

MSVOA_U

ClientSampleId :

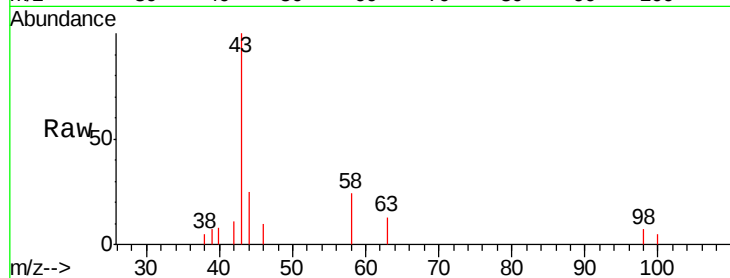
C08Y7

Tgt Ion: 43 Resp: 3285

Ion Ratio Lower Upper

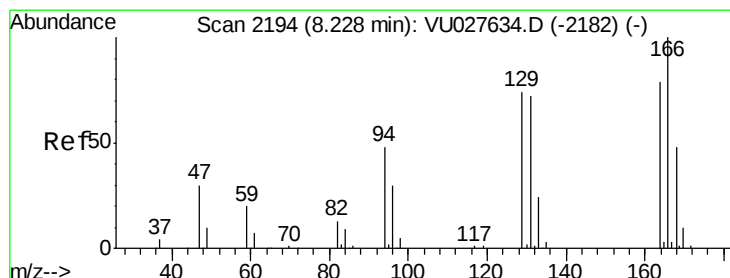
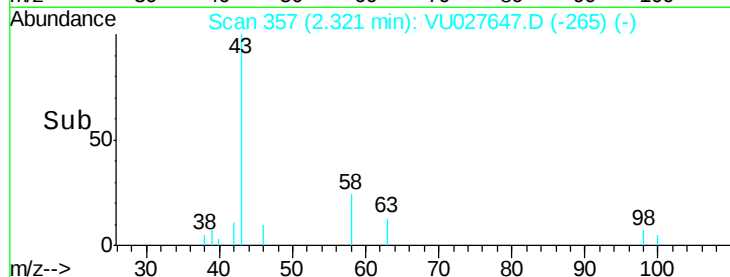
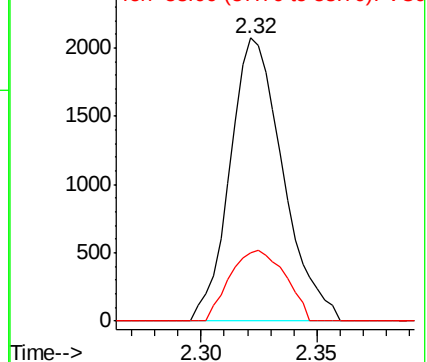
43 100

58 26.2 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU027647.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU027647.D (-265) (-)



#46

Tetrachloroethene

Concen: 15.07 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027647.D

Acq: 13 Oct 2018 00:41

Tgt Ion: 164 Resp: 14399

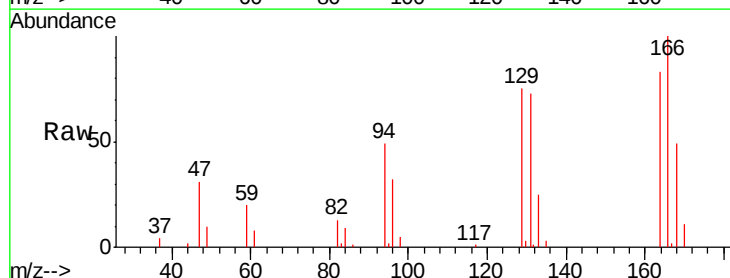
Ion Ratio Lower Upper

164 100

129 91.2 67.0 124.4

131 88.7 65.1 120.9

166 121.1 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VU027647.D (-2101) (-)

Ion 129.00 (128.70 to 129.70): VU027647.D (-2101) (-)

Ion 131.00 (130.70 to 131.70): VU027647.D (-2101) (-)

Ion 166.00 (165.70 to 166.70): VU027647.D (-2101) (-)

