

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
 Data File : VU034407.D
 Acq On : 08 Sep 2019 02:41
 Operator : JC/SP
 Sample : K4685-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD81

Quant Time: Sep 09 06:06:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Sep 08 03:44:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	263169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	276125	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	123696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67490	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.68	69	63694	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.26	63	101957	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.17	46	199409	48.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.40%
24) Chloroform-d	4.63	84	144017	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.29	65	74453	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.32	84	298209	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.31	67	98456	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.55	98	251109	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	7.83	79	30936	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.30	63	145713	42.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	81112	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	106979	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

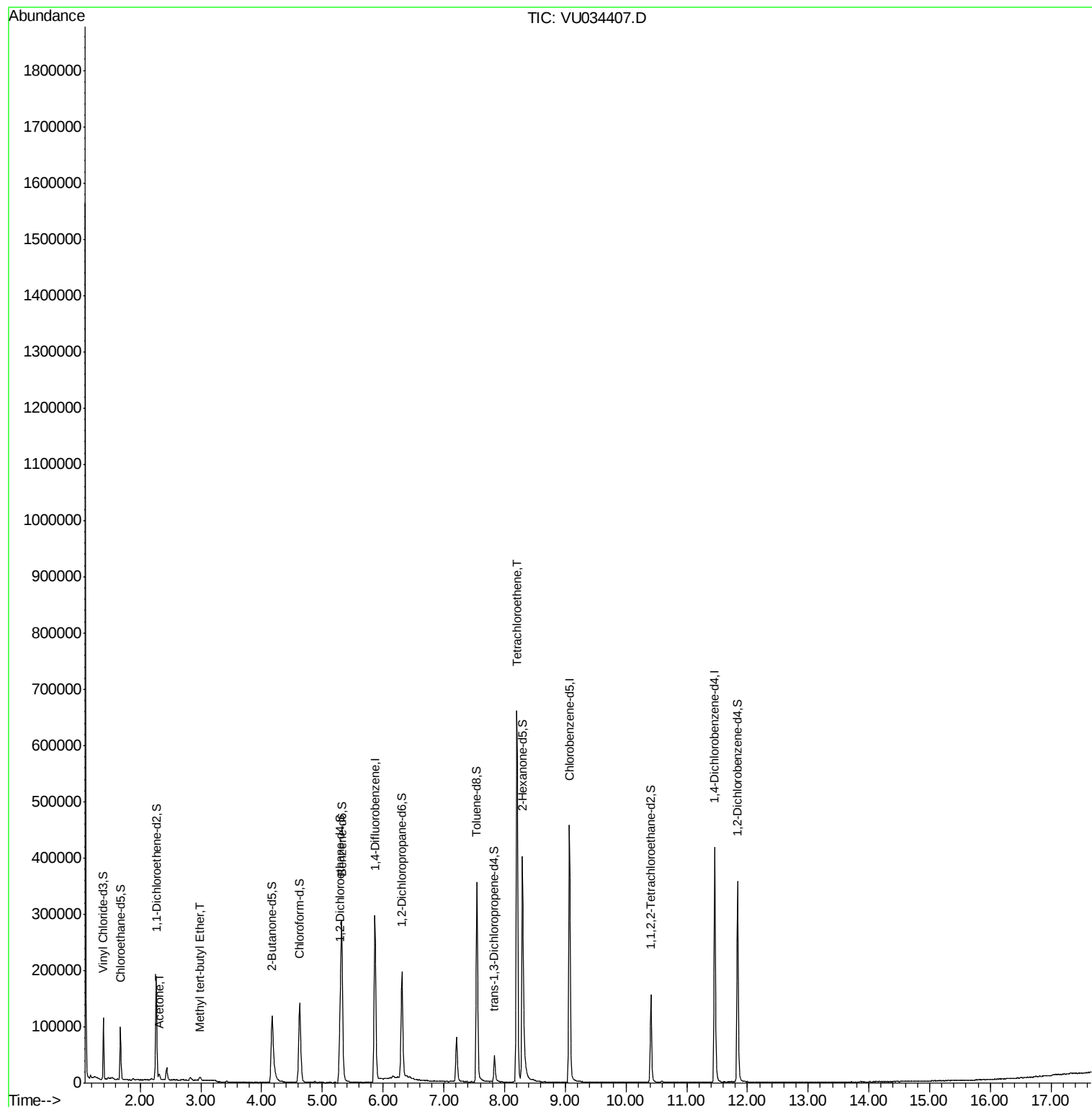
					Qvalue
13) Acetone	2.31	43	9956	3.632 ug/L	96
17) Methyl tert-butyl Ether	2.99	73	5377	0.132 ug/L #	92
47) Tetrachloroethene	8.21	164	161017	9.102 ug/L	97

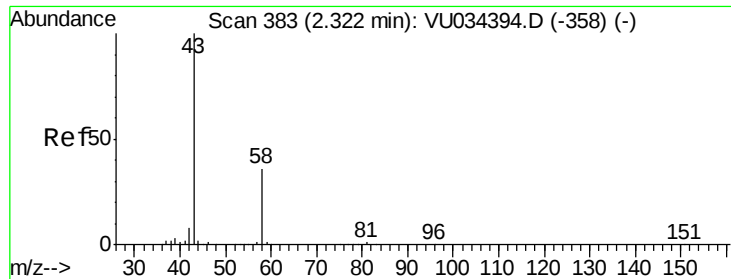
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.632 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

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ClientSampleId :

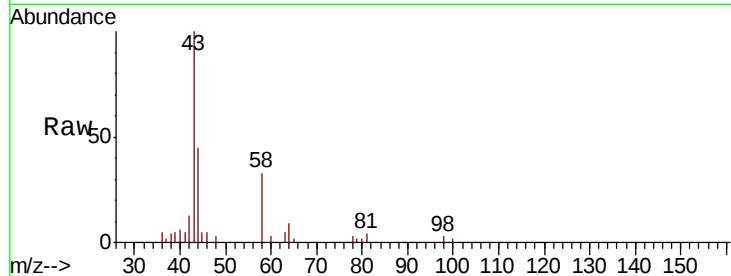
BFD81

Tgt Ion: 43 Resp: 9956

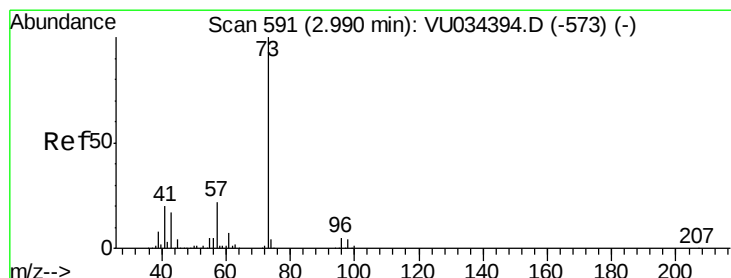
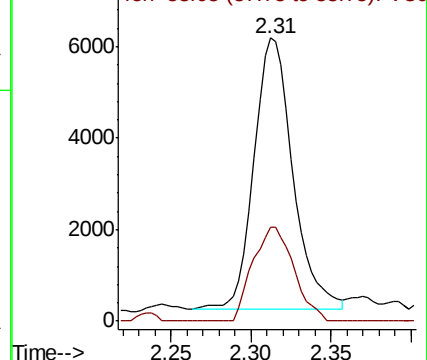
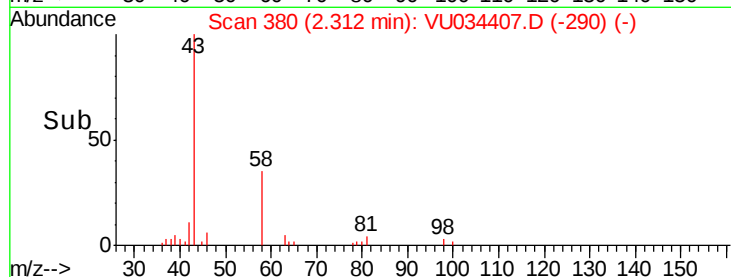
Ion Ratio Lower Upper

43 100

58 36.3 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU034407.D (-290) (-)



#17

Methyl tert-butyl Ether

Concen: 0.132 ug/L

RT: 2.99 min Scan# 590

Delta R.T. -0.00 min

Lab File: VU034407.D

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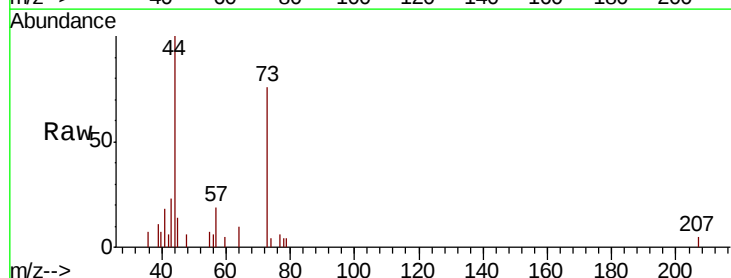
Tgt Ion: 73 Resp: 5377

Ion Ratio Lower Upper

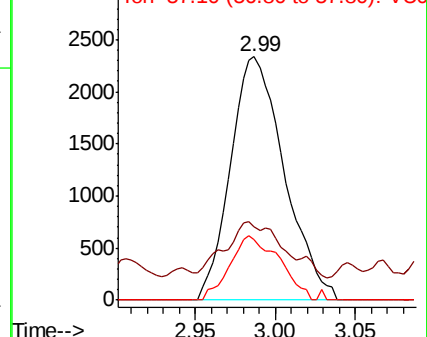
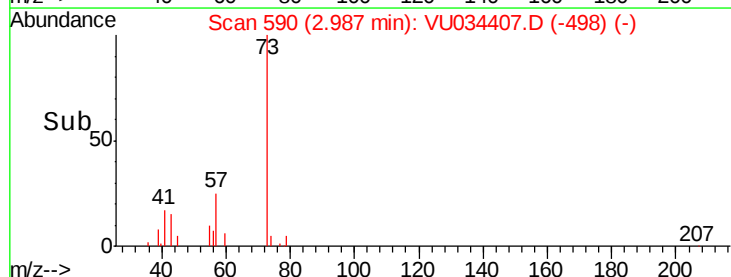
73 100

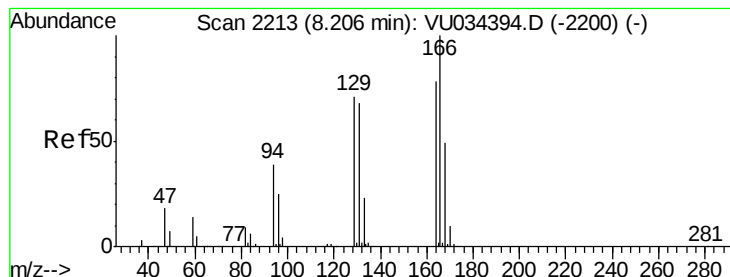
43 25.4 14.7 22.1#

57 24.2 18.6 27.8



Abundance Ion 73.10 (72.80 to 73.80): VU034407.D (-498) (-)





#47

Tetrachloroethene

Concen: 9.102 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034407.D

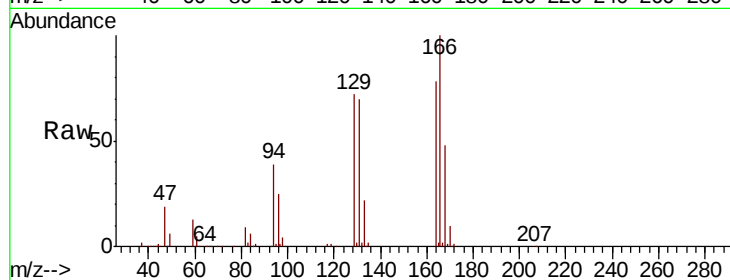
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Tgt Ion:164 Resp: 161017

Ion Ratio Lower Upper

164 100

129 92.1 68.0 126.2

131 90.2 64.6 120.0

166 128.7 92.0 170.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

