

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034598.D
 Acq On : 17 Sep 2019 05:04
 Operator : JC/SP
 Sample : K4894-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMQ1

Quant Time: Sep 17 06:48:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 17 05:01:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	247329	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	228280	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	91911	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53938	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.40%
7) Chloroethane-d5	1.67	69	48992	53.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.76%
11) 1,1-Dichloroethene-d2	2.26	63	92193	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.52%
21) 2-Butanone-d5	4.15	46	150869	112.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.13%
24) Chloroform-d	4.62	84	138751	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	5.29	65	89881	54.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.76%
32) Benzene-d6	5.32	84	264975	52.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.58%
36) 1,2-Dichloropropane-d6	6.31	67	99837	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.86%
41) Toluene-d8	7.54	98	249436	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%
43) trans-1,3-Dichloropropene-	7.83	79	41197	46.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.44%
47) 2-Hexanone-d5	8.29	63	107804	106.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.36%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	151824	52.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	86719	52.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.78%

Target Compounds

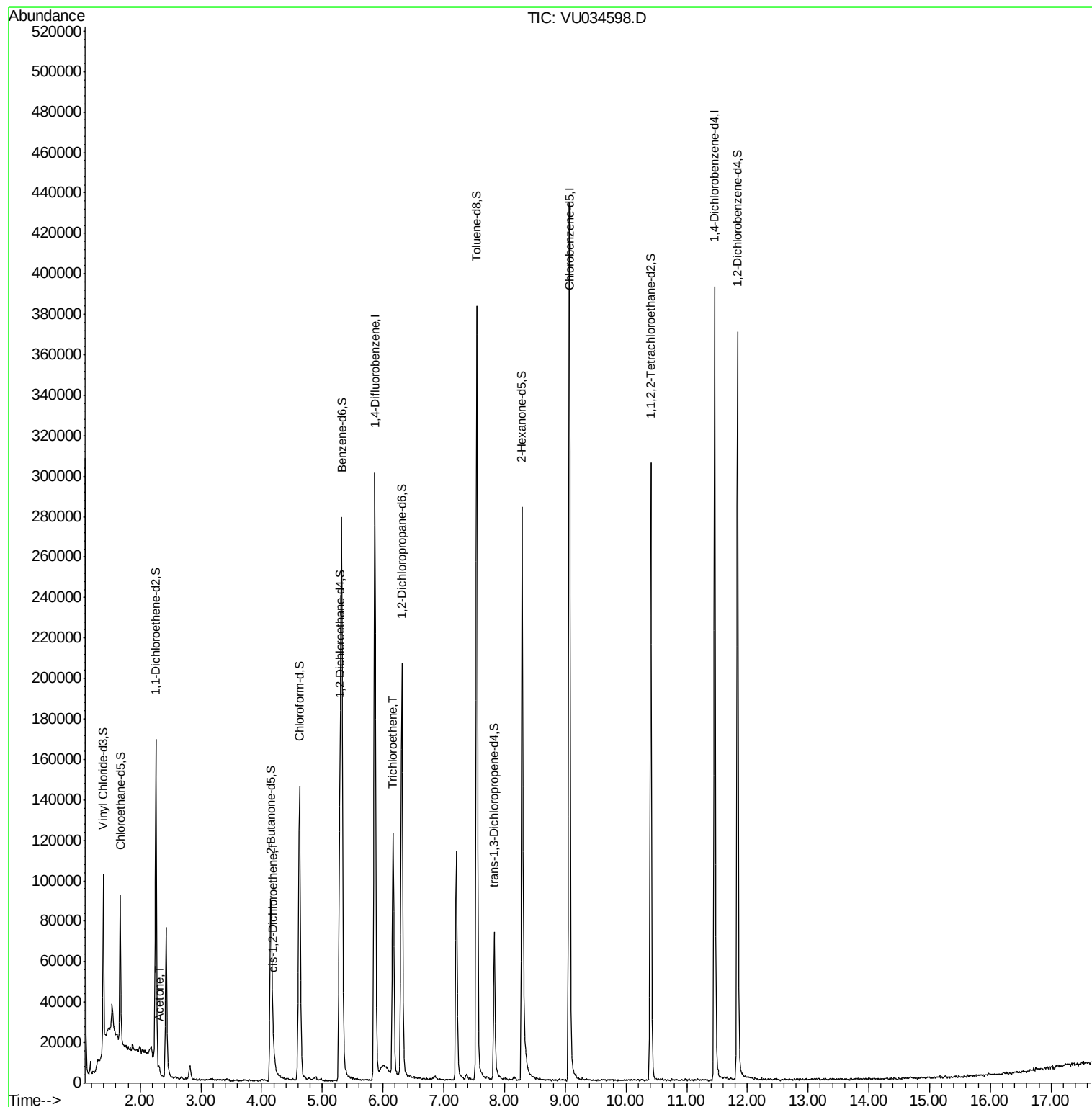
					Ovalue
13) Acetone	2.31	43	3330	2.754 ug/L	89
20) cis-1,2-Dichloroethene	4.20	96	2597	1.594 ug/L	93
34) Trichloroethene	6.16	95	42466	29.441 ug/L	95

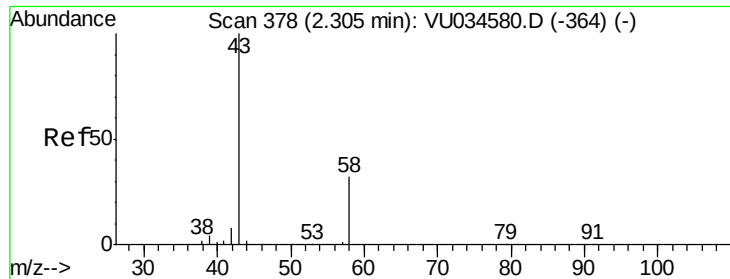
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.754 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

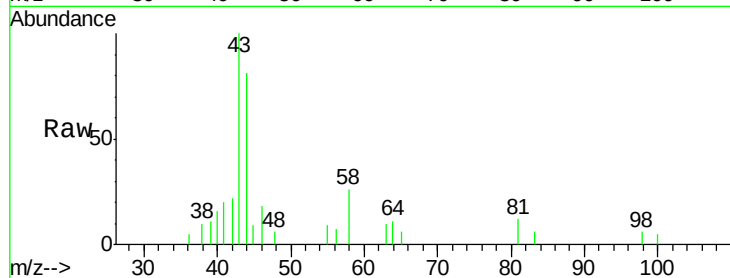
COMQ1

Tot Ion: 43 Resp: 3330

Ion Ratio Lower Upper

43 100

58 26.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.31

2000

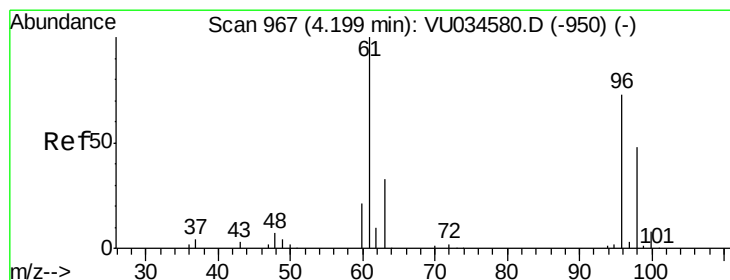
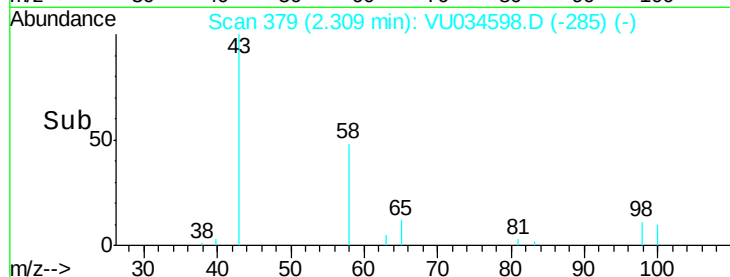
1500

1000

500

0

Time--> 2.25 2.30 2.35



#20

cis-1,2-Dichloroethene

Concen: 1.594 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

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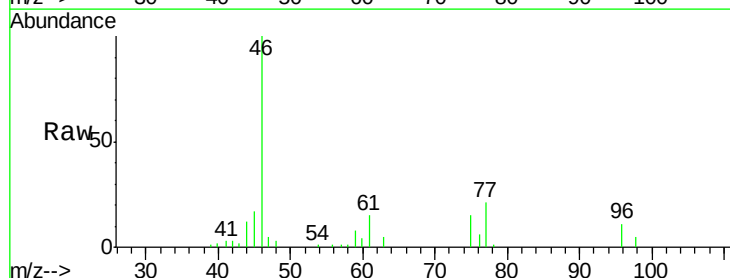
Tgt Ion: 96 Resp: 2597

Ion Ratio Lower Upper

96 100

61 143.6 94.7 175.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

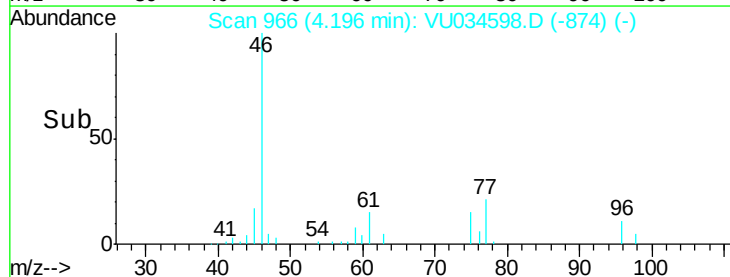
1500

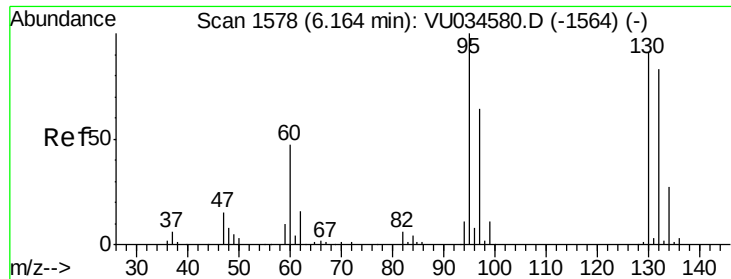
1000

500

0

Time--> 4.15 4.20 4.25





#34

Trichloroethene

Concen: 29.441 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034598.D

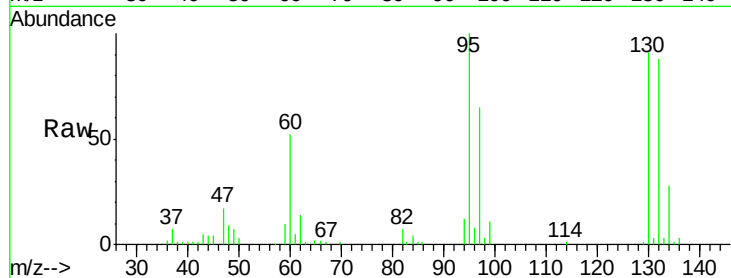
Acq: 17 Sep 2019 05:04

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COMQ1



Tot Ion: 95 Resp: 42466

Ion Ratio Lower Upper

95 100

97 65.4 45.4 84.4

132 88.3 65.2 121.0

130 90.6 68.5 127.3

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

