

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007836.D
 Acq On : 24 Sep 2018 23:31
 Operator : SY/MD
 Sample : J5043-11
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5FF1

Quant Time: Sep 25 05:04:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 04:04:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	178198	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	172324	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87305	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34397	35.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.04%
7) Chloroethane-d5	1.59	69	38283	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.14	63	69756	30.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.10%
21) 2-Butanone-d5	3.95	46	57965	90.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.62%
24) Chloroform-d	4.41	84	88665	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	5.09	65	60696	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
32) Benzene-d6	5.11	84	176173	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.96%
36) 1,2-Dichloropropane-d6	6.13	67	54132	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.56%
41) Toluene-d8	7.37	98	172657	41.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.42%
43) trans-1,3-Dichloropropene-	7.67	79	23183	39.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.62%
47) 2-Hexanone-d5	8.14	63	43226	83.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81529	44.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	80905	45.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.10%

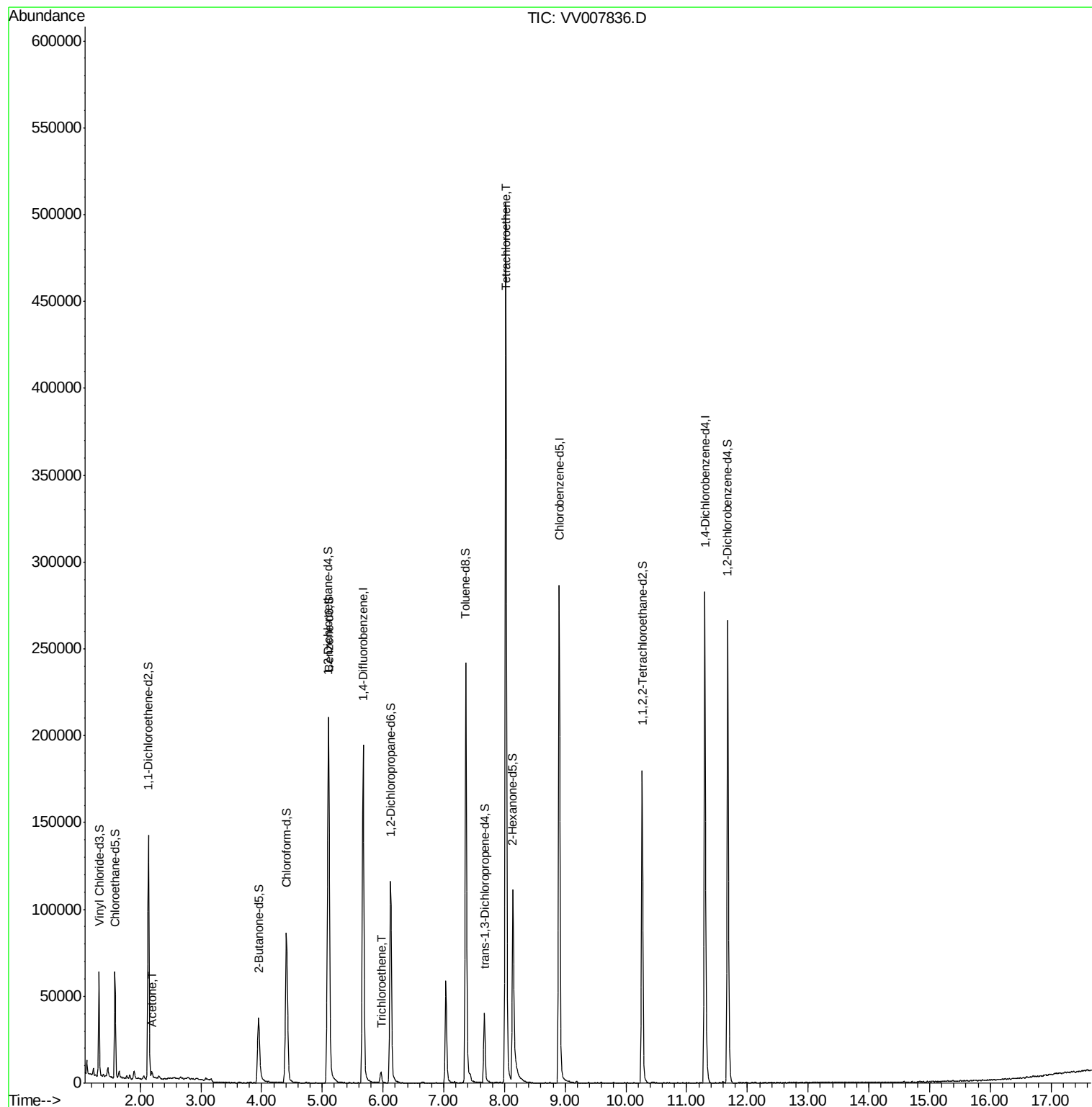
Target Compounds					Ovalue
13) Acetone	2.19	43	1873	2.775 ug/L	84
34) Trichloroethene	5.96	95	1984	1.625 ug/L	93
46) Tetrachloroethene	8.02	164	121645	97.362 ug/L	99

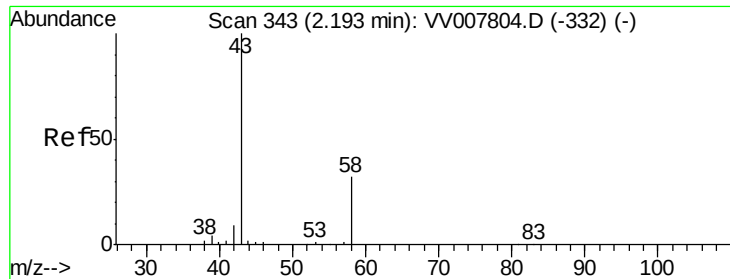
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.775 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007836.D

Acq: 24 Sep 2018 23:31

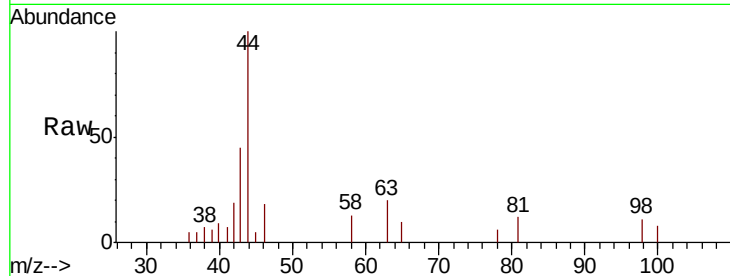
Instrument :
MSVOA_V
ClientSampled :
E5FF1

Tot Ion: 43 Resp: 1873

Ion Ratio Lower Upper

43 100

58 23.6 0.0 65.2



Abundance Ion 43.00 (42.70 to 43.70): VV007804.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007804.D (-332) (-)

2.19

1000

800

600

400

200

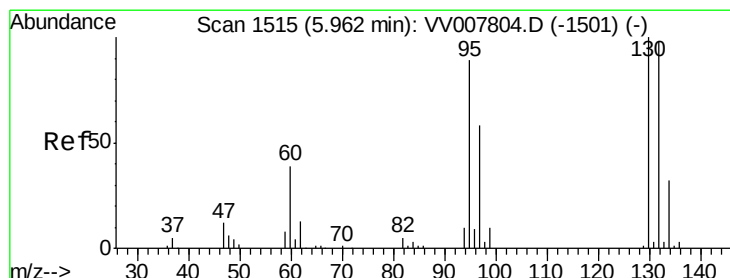
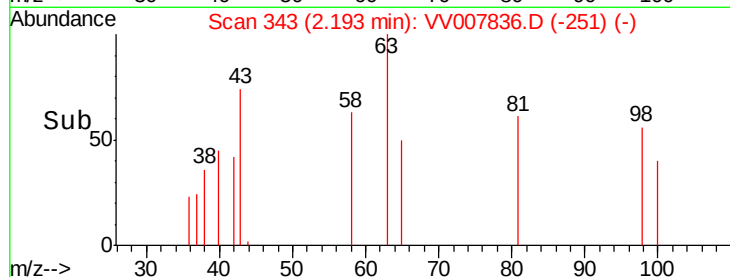
0

2.15

2.20

2.25

Time-->



#34

Trichloroethene

Concen: 1.625 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

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Acq: 24 Sep 2018 23:31

Tgt Ion: 95 Resp: 1984

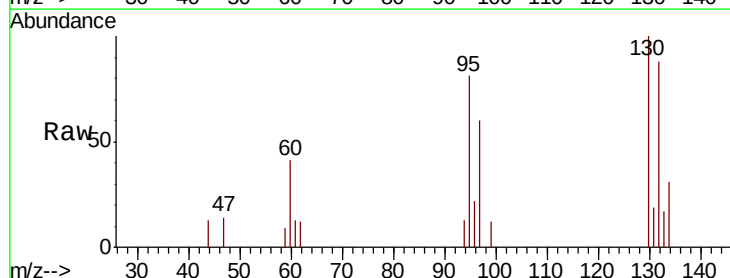
Ion Ratio Lower Upper

95 100

97 74.4 45.2 84.0

132 109.6 77.7 144.3

130 124.2 79.7 148.1



Abundance Ion 95.00 (94.70 to 95.70): VV007804.D (-1501) (-)

Ion 97.00 (96.70 to 97.70): VV007804.D (-1501) (-)

Ion 132.00 (131.70 to 132.70): VV007804.D (-1501) (-)

Ion 130.00 (129.70 to 130.70): VV007804.D (-1501) (-)

1500

1000

500

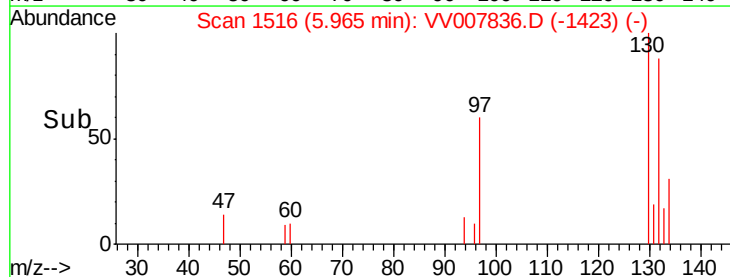
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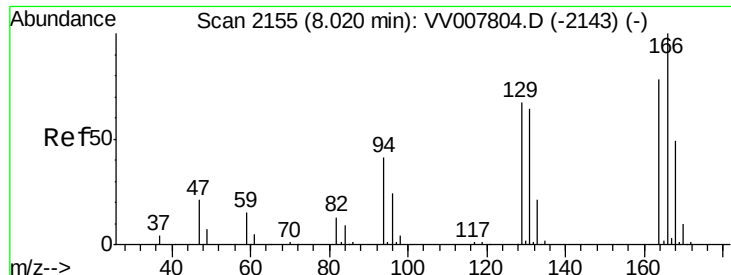
5.95

5.96

6.00

Time-->





#46

Tetrachloroethene

Concen: 97.362 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007836.D

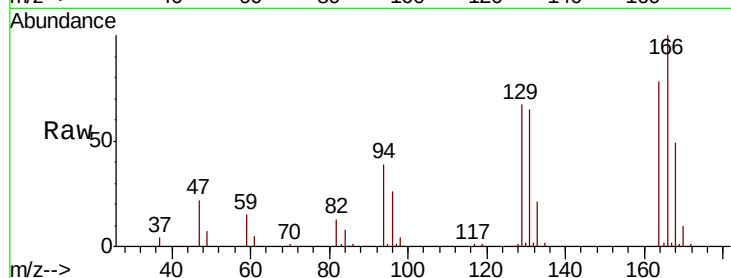
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MSVOA_V

ClientSampleId :

E5FF1



Tot Ion:164 Resp: 121645

Ion Ratio Lower Upper

164 100

129 85.9 61.0 113.4

131 82.4 57.8 107.4

166 127.7 89.9 167.0

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

