

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121318\
 Data File : VV008918.D
 Acq On : 13 Dec 2018 19:01
 Operator : SY/MD
 Sample : J6367-08
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL44

Quant Time: Dec 14 01:40:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 14 01:09:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203270	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188145	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78233	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54377	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.62%
7) Chloroethane-d5	1.57	69	40542	54.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.54%
11) 1,1-Dichloroethene-d2	2.13	63	107555	38.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.74%
21) 2-Butanone-d5	3.93	46	89323	112.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.70%
24) Chloroform-d	4.40	84	121945	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
26) 1,2-Dichloroethane-d4	5.08	65	82352	51.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.08%
32) Benzene-d6	5.10	84	252790	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.72%
36) 1,2-Dichloropropane-d6	6.12	67	76846	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.88%
41) Toluene-d8	7.36	98	232634	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	7.67	79	36224	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.76%
47) 2-Hexanone-d5	8.13	63	57604	102.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.15%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95689	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.68	152	81727	50.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.30%

Target Compounds

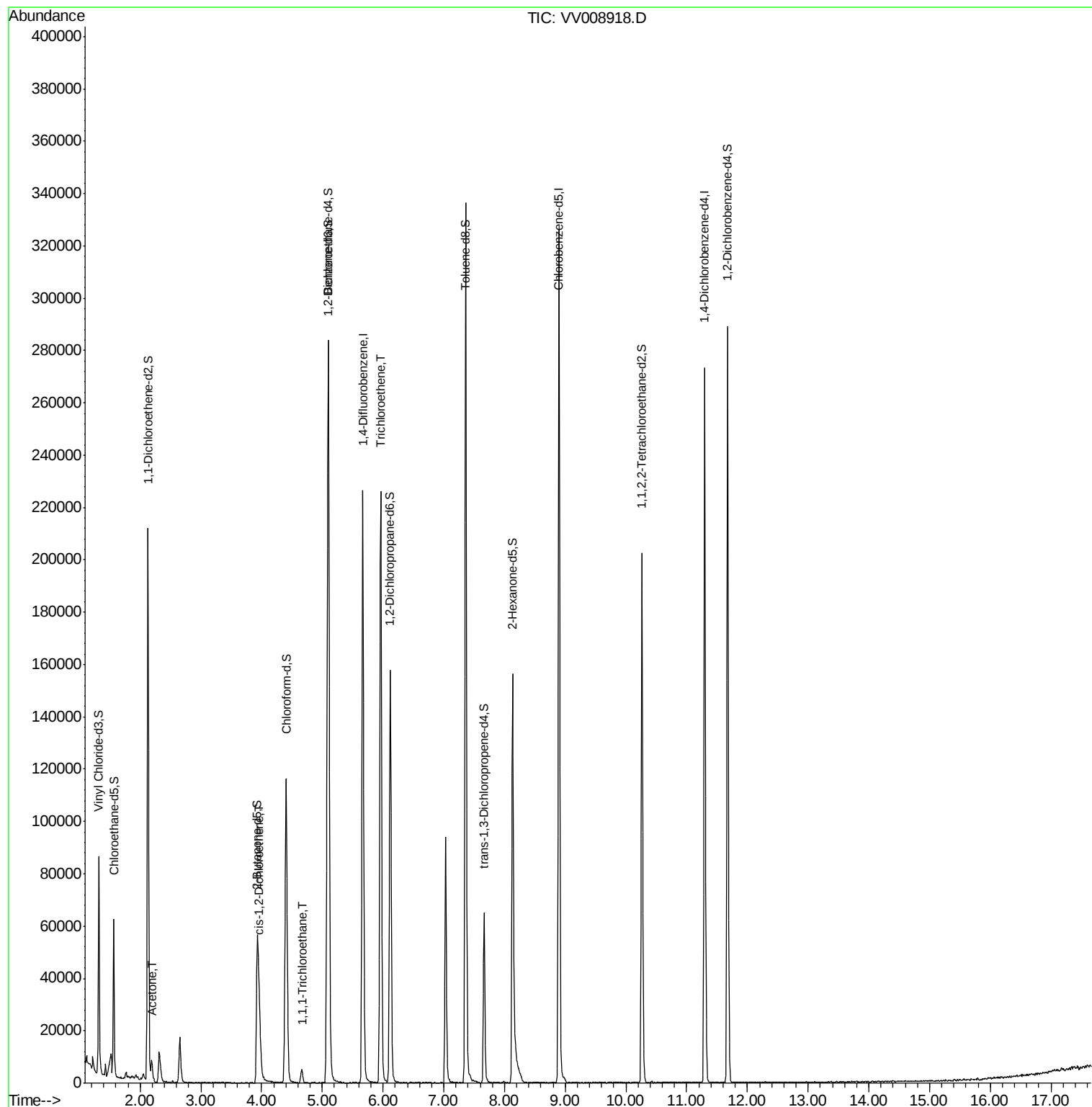
					Ovalue
13) Acetone	2.19	43	4111	3.449 ug/L	92
20) cis-1,2-Dichloroethene	3.96	96	7621	5.201 ug/L	98
30) 1,1,1-Trichloroethane	4.67	97	4544	1.971 ug/L	95
34) Trichloroethene	5.96	95	78059	52.138 ug/L	98

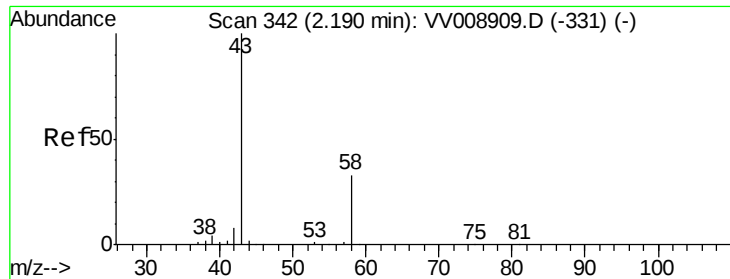
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.449 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV008918.D

Acq: 13 Dec 2018 19:01

Instrument :

MSVOA_V

ClientSampled :

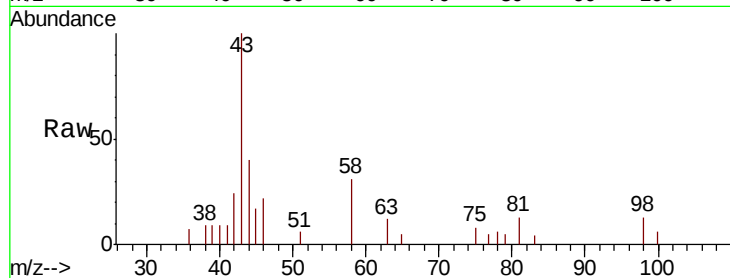
COL44

Tot Ion: 43 Resp: 4111

Ion Ratio Lower Upper

43 100

58 26.7 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VV008909.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV008909.D (-331) (-)

2.19

2500

2000

1500

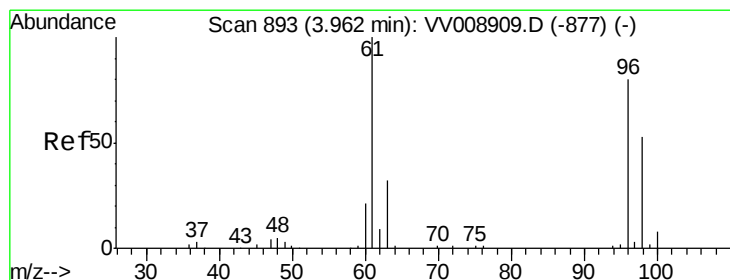
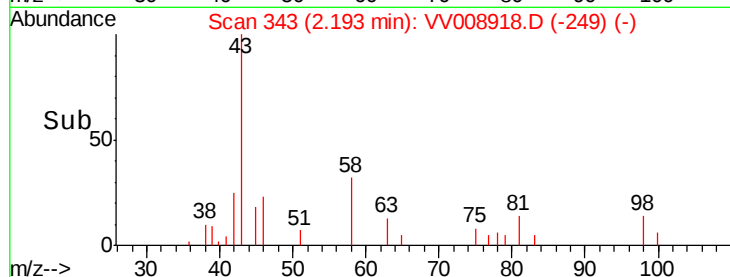
1000

500

0

2.15 2.20 2.25

Time-->



#20

cis-1,2-Dichloroethene

Concen: 5.201 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV008918.D

Acq: 13 Dec 2018 19:01

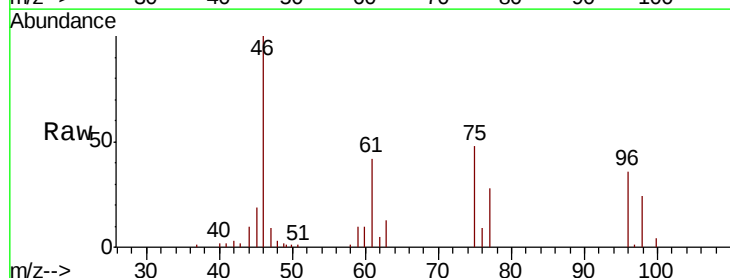
Tgt Ion: 96 Resp: 7621

Ion Ratio Lower Upper

96 100

61 114.7 81.9 152.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008909.D (-877) (-)

Ion 61.00 (60.70 to 61.70): VV008909.D (-877) (-)

Ion 68.00 (67.70 to 68.70): VV008909.D (-877) (-)

5000

4000

3000

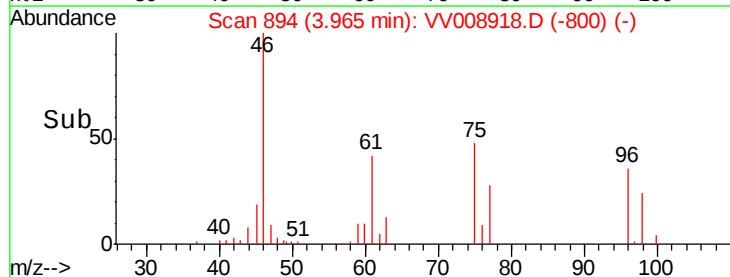
2000

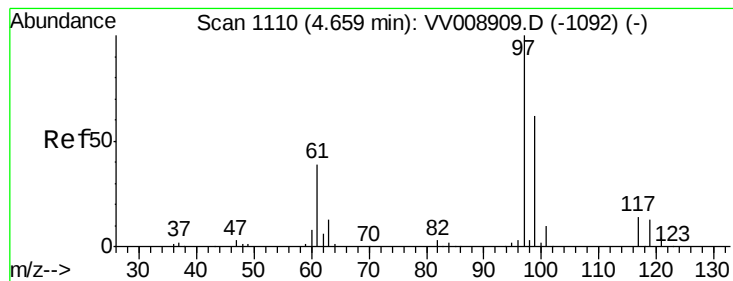
1000

0

3.90 3.95 4.00 4.05

Time-->





#30

1,1,1-Trichloroethane

Concen: 1.971 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VV008918.D

Acq: 13 Dec 2018 19:01

Instrument :

MSVOA_V

ClientSampled :

COL44

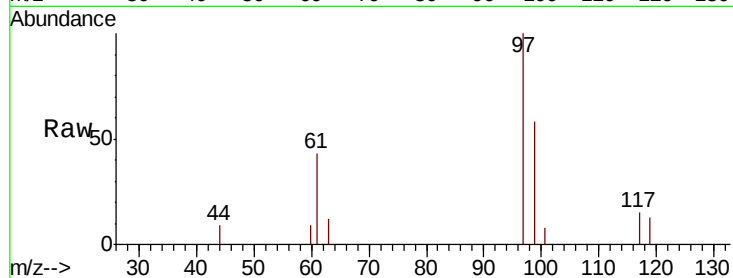
Tot Ion: 97 Resp: 4544

Ion Ratio Lower Upper

97 100

99 58.3 51.7 77.5

61 40.8 32.5 48.7

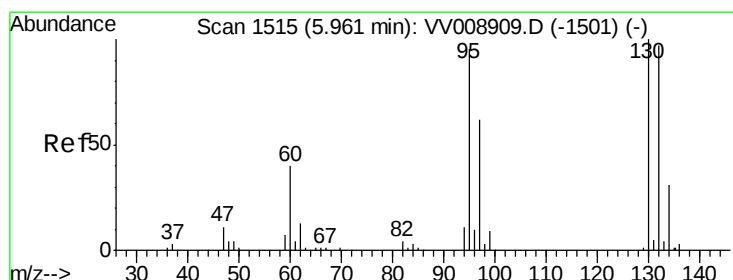
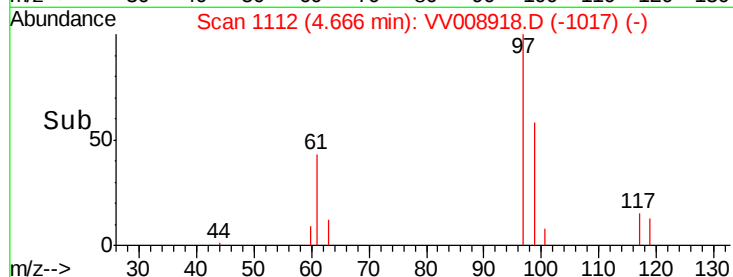
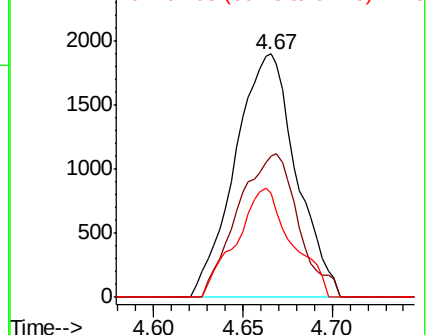


Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.05 (60.75 to 61.75): VV0



#34

Trichloroethene

Concen: 52.138 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008918.D

Acq: 13 Dec 2018 19:01

Tgt Ion: 95 Resp: 78059

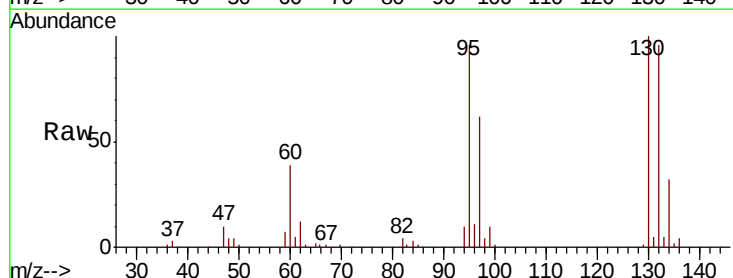
Ion Ratio Lower Upper

95 100

97 64.6 45.7 84.9

132 100.0 72.2 134.2

130 104.6 73.8 137.2



Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

