

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV110118\
 Data File : VV008512.D
 Acq On : 01 Nov 2018 14:20
 Operator : SY/MD
 Sample : J5726-08
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBY5

Quant Time: Nov 12 11:36:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 02 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	206452	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79717	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55193	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.08%
7) Chloroethane-d5	1.56	69	41196	56.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.74%
11) 1,1-Dichloroethene-d2	2.13	63	72754	34.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.00%
21) 2-Butanone-d5	3.94	46	122822	96.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.65%
24) Chloroform-d	4.41	84	133869	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.09	65	93815	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
32) Benzene-d6	5.10	84	272178	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
36) 1,2-Dichloropropane-d6	6.12	67	92493	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.62%
41) Toluene-d8	7.36	98	244866	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%
43) trans-1,3-Dichloropropene-	7.67	79	45164	46.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.04%
47) 2-Hexanone-d5	8.14	63	93200	95.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	127489	47.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.28%
64) 1,2-Dichlorobenzene-d4	11.68	152	83860	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%

Target Compounds

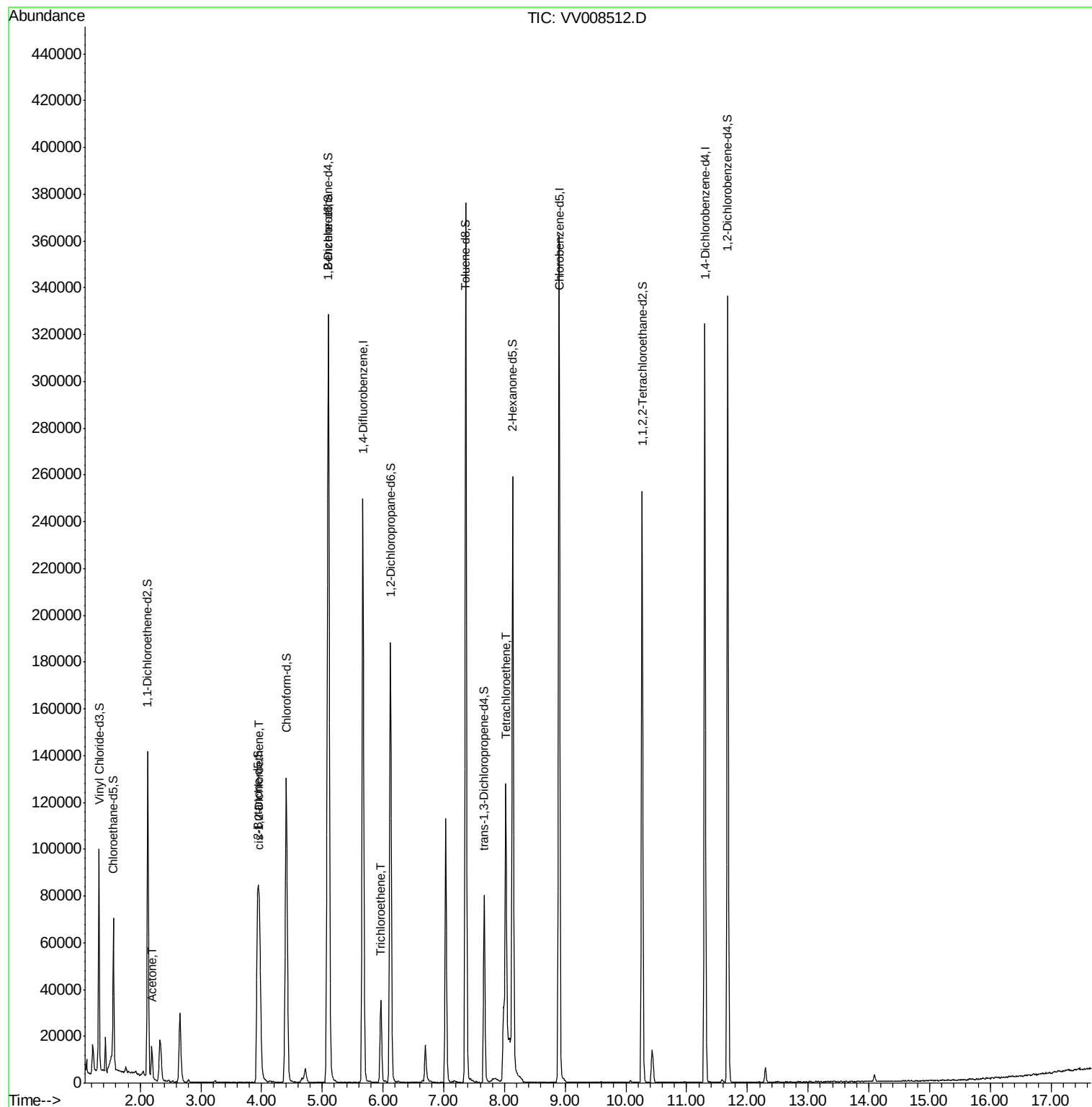
					Ovalue
13) Acetone	2.19	43	11936	11.350 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	28638	18.753 ug/L	99
34) Trichloroethene	5.96	95	12883	8.742 ug/L	99
46) Tetrachloroethene	8.02	164	24356	24.088 ug/L	97

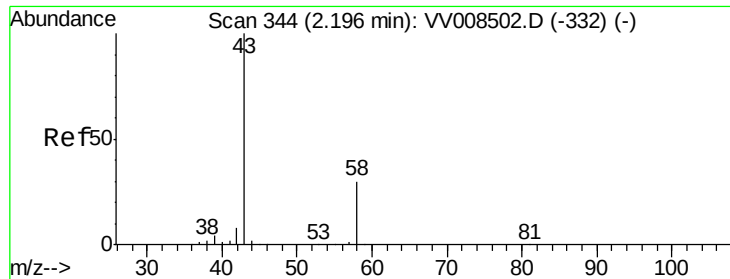
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 11.350 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV008512.D

Acq: 01 Nov 2018 14:20

Instrument :

MSVOA_V

ClientSampleId :

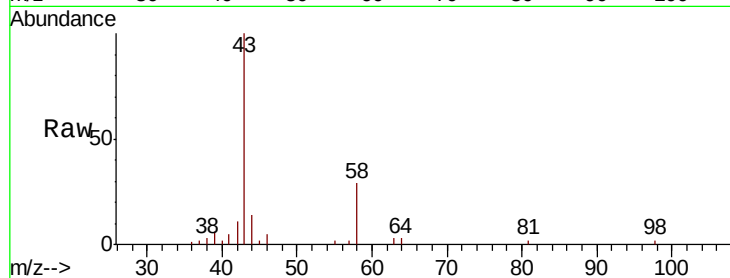
ETBY5

Tot Ion: 43 Resp: 11936

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.4



Abundance Ion 43.00 (42.70 to 43.70): VV008512.D (-251) (-)

Ion 58.00 (57.70 to 58.70): VV008512.D (-251) (-)

2.19

8000

6000

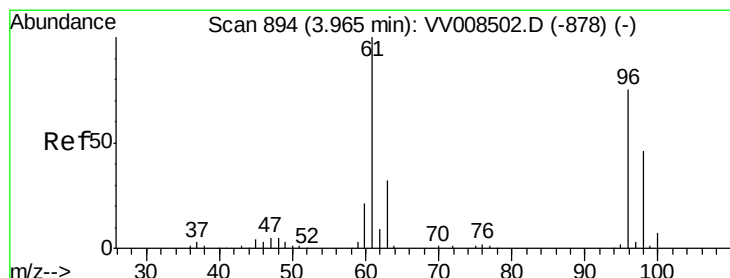
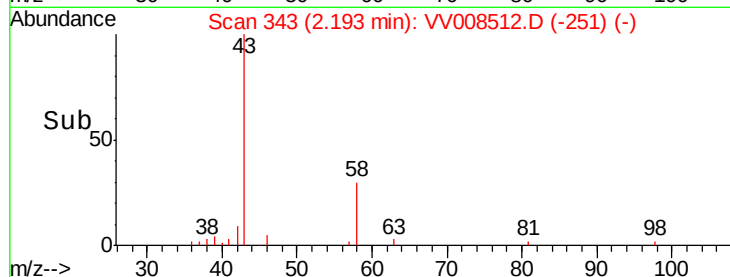
4000

2000

0

Time-->

2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 18.753 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.00 min

Lab File: VV008512.D

Acq: 01 Nov 2018 14:20

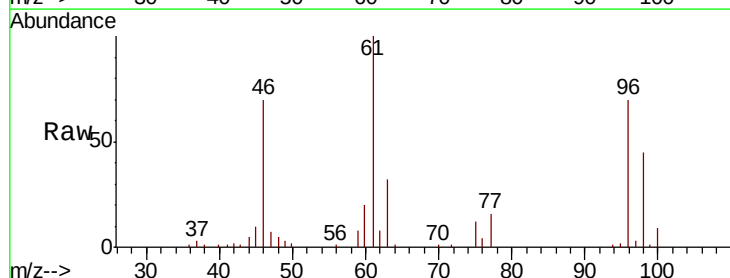
Tgt Ion: 96 Resp: 28638

Ion Ratio Lower Upper

96 100

61 143.2 100.9 187.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV008512.D (-801) (-)

Ion 61.00 (60.70 to 61.70): VV008512.D (-801) (-)

Ion 68.00 (67.70 to 68.70): VV008512.D (-801) (-)

3.97

20000

15000

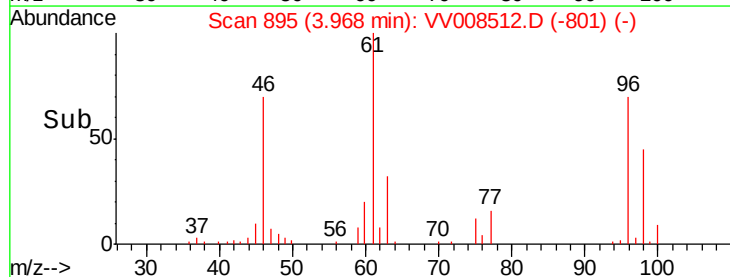
10000

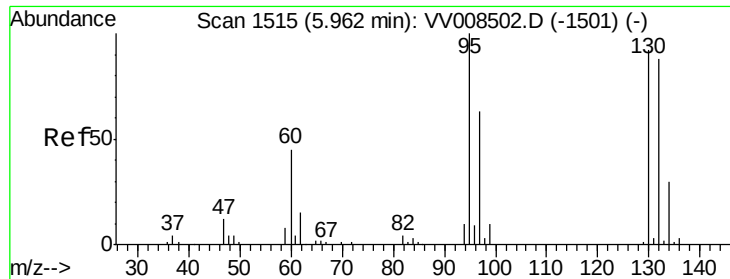
5000

0

Time-->

3.90 3.95 4.00 4.05





#34

Trichloroethene

Concen: 8.742 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008512.D

Acq: 01 Nov 2018 14:20

Instrument :

MSVOA_V

ClientSampled :

ETBY5

Tot Ion: 95 Resp: 12883

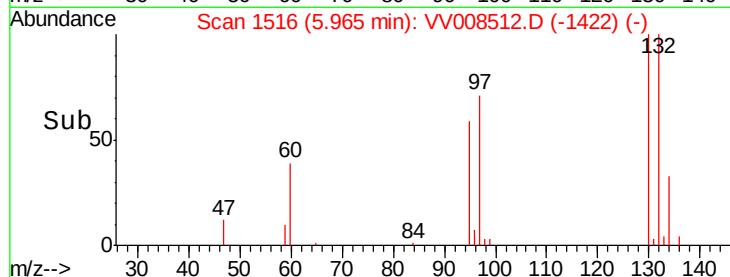
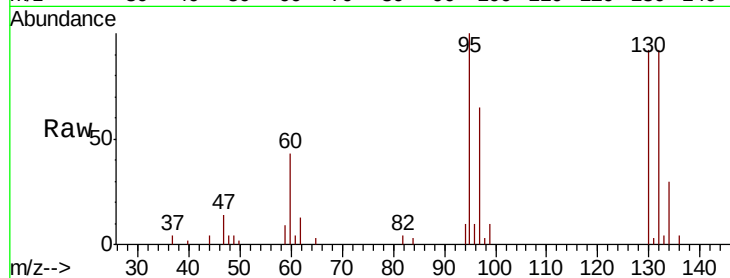
Ion Ratio Lower Upper

95 100

97 65.5 45.2 84.0

132 91.6 63.8 118.6

130 92.0 64.7 120.1



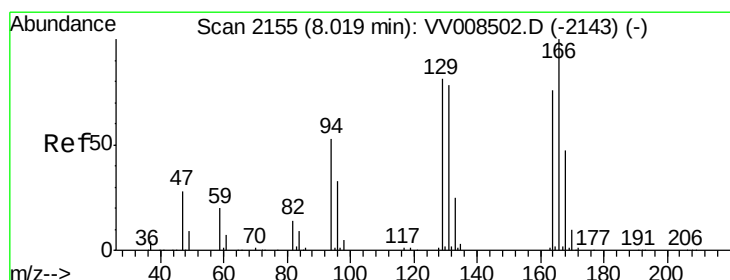
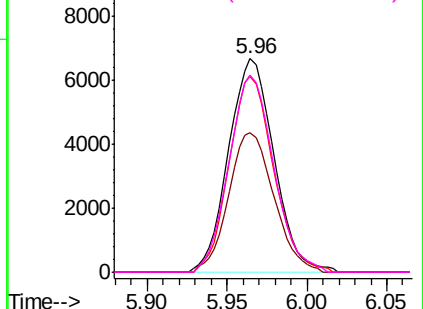
Abundance

Ion 95.00 (94.70 to 95.70): VV008512.D (-1422) (-)

Ion 97.00 (96.70 to 97.70): VV008512.D (-1422) (-)

Ion 132.00 (131.70 to 132.70): VV008512.D (-1422) (-)

Ion 130.00 (129.70 to 130.70): VV008512.D (-1422) (-)



#46

Tetrachloroethene

Concen: 24.088 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008512.D

Acq: 01 Nov 2018 14:20

Tgt Ion: 164 Resp: 24356

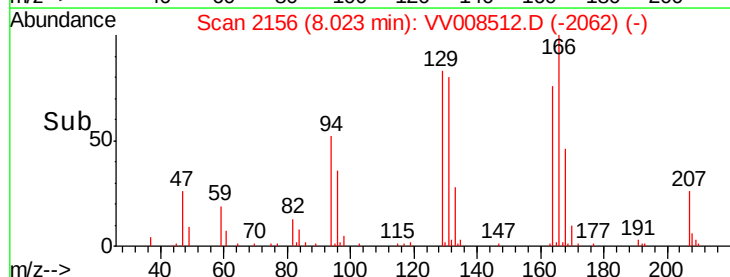
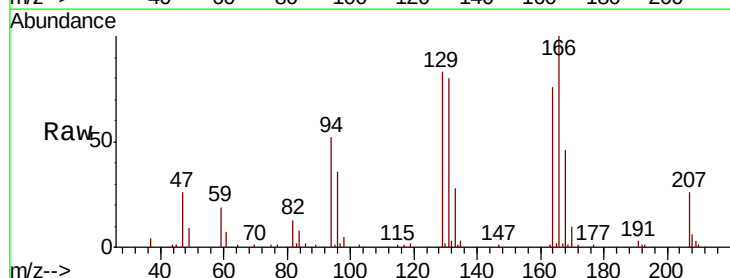
Ion Ratio Lower Upper

164 100

129 108.8 75.0 139.2

131 104.6 71.3 132.3

166 130.9 89.2 165.6



Abundance

Ion 164.00 (163.70 to 164.70): VV008512.D (-2062) (-)

Ion 129.00 (128.70 to 129.70): VV008512.D (-2062) (-)

Ion 131.00 (130.70 to 131.70): VV008512.D (-2062) (-)

Ion 166.00 (165.70 to 166.70): VV008512.D (-2062) (-)

