

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR061918\
 Data File : VR025368.D
 Acq On : 19 Jun 2018 16:28
 Operator : SY/MD
 Sample : J3553-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KK0

Quant Time: Jun 20 02:12:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 20 01:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	558178	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	477605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	163818	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	81000	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	2.64	69	60309	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	3.65	63	211217	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	6.60	46	314162	61.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.30%
24) Chloroform-d	7.21	84	382501	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	7.89	65	157617	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	7.86	84	809980	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	8.90	67	258717	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	9.97	98	706302	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	10.24	79	51083	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	10.59	63	267245	62.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.78%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	110873	6.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.80%#
64) 1,2-Dichlorobenzene-d4	13.51	152	165753	5.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.40%

Target Compounds

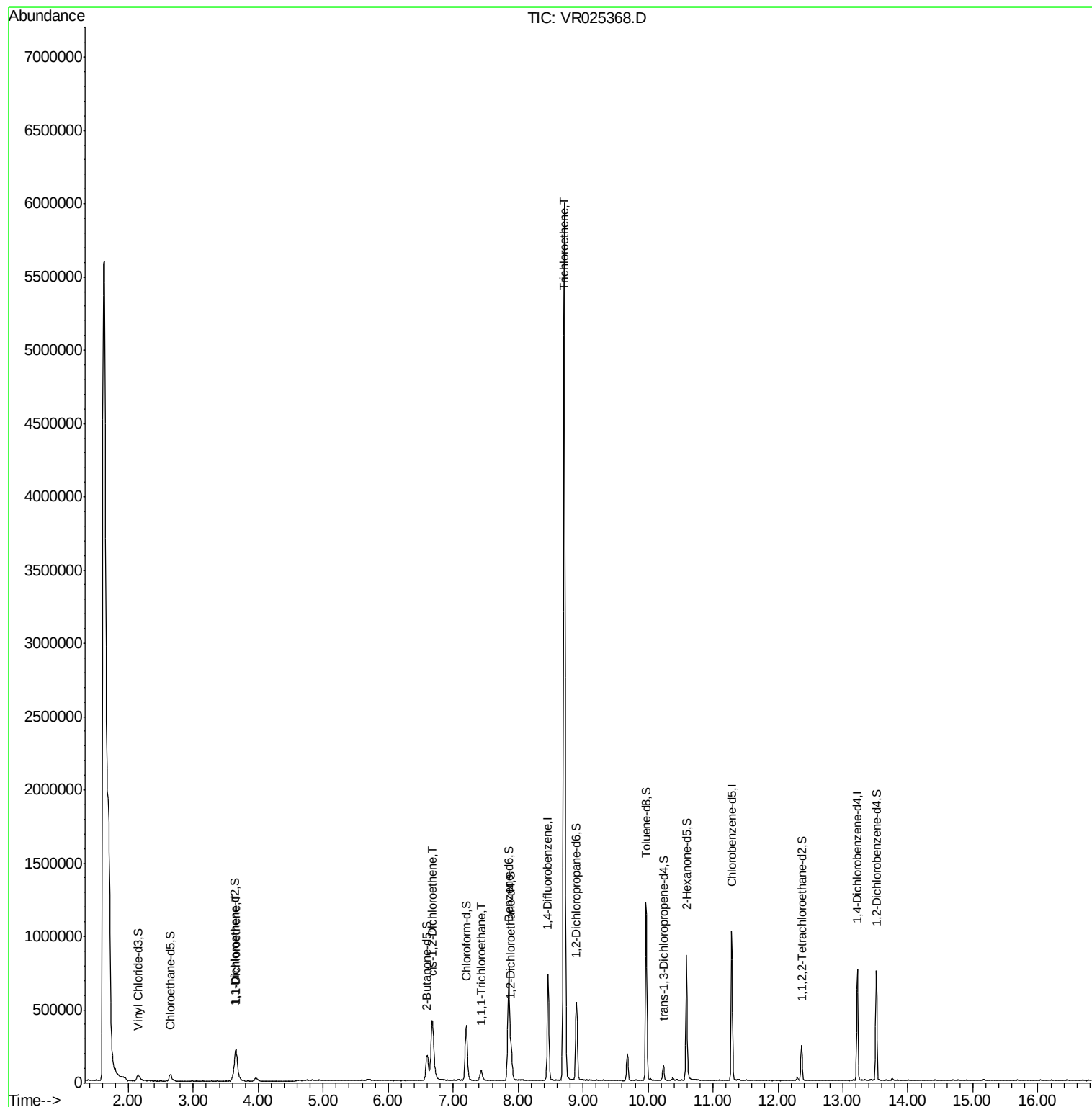
					Ovalue
12) 1,1-Dichloroethene	3.66	96	63379	3.23	ug/L 89
22) cis-1,2-Dichloroethene	6.68	96	233856	5.56	ug/L # 95
29) 1,1,1-Trichloroethane	7.44	97	56186	0.99	ug/L 96
34) Trichloroethene	8.71	95	2113687	46.59	ug/L 98

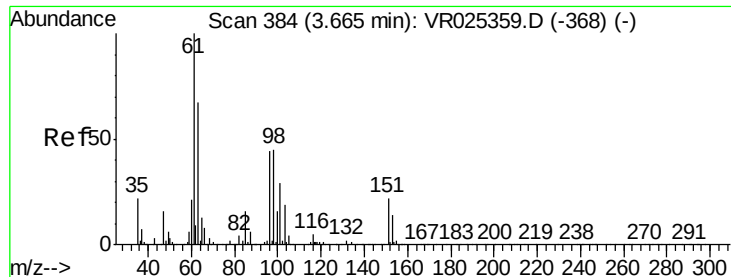
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.23 ug/L

RT: 3.66 min Scan# 384

Delta R.T. -0.00 min

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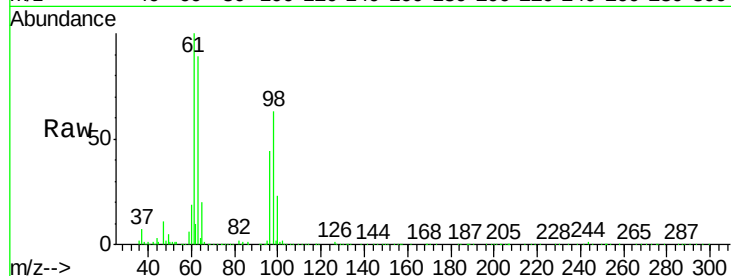
Tot Ion: 96 Resp: 63379

Ion Ratio Lower Upper

96 100

61 227.7 155.0 287.9

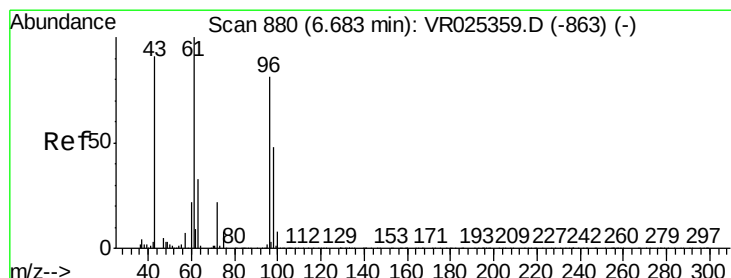
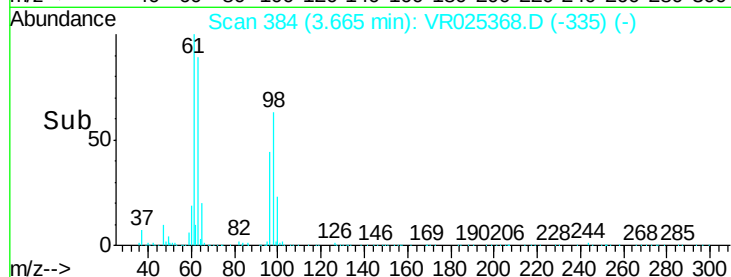
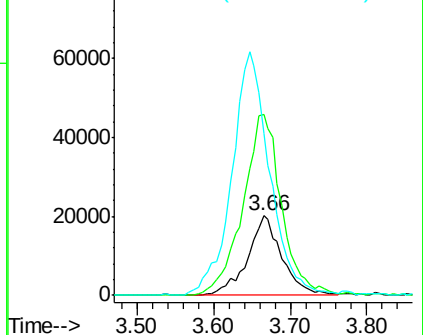
63 202.5 122.3 227.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#22

cis-1,2-Dichloroethene

Concen: 5.56 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.01 min

Lab File: VR025368.D

Acq: 19 Jun 2018 16:28

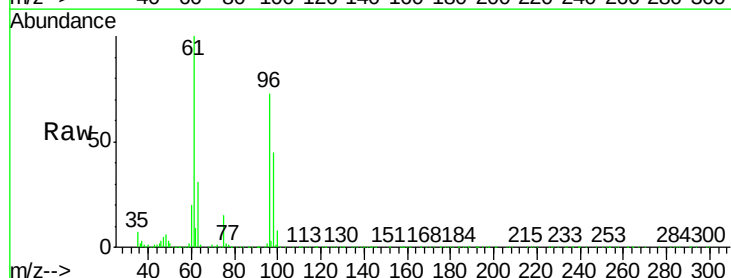
Tgt Ion: 96 Resp: 233856

Ion Ratio Lower Upper

96 100

61 136.2 91.0 169.0

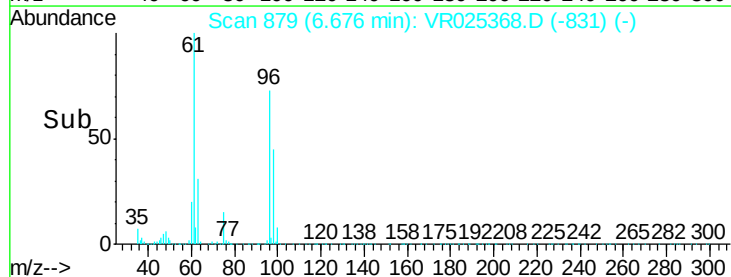
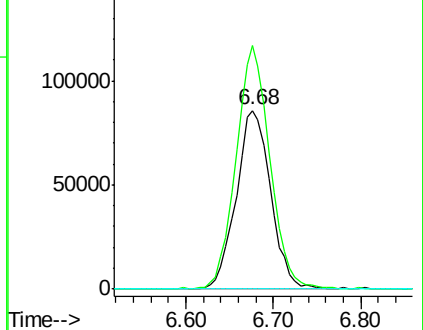
68 0.1 0.0 0.0#

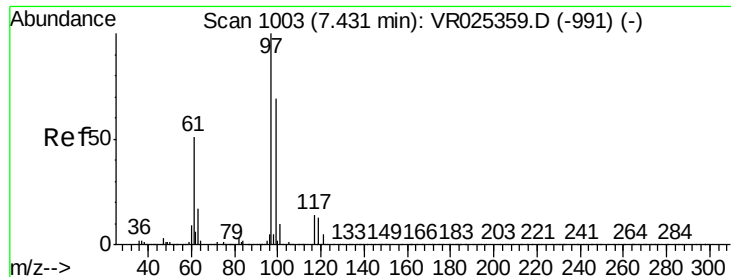


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#29

1,1,1-Trichloroethane

Concen: 0.99 ug/L

RT: 7.44 min Scan# 1004

Delta R.T. 0.01 min

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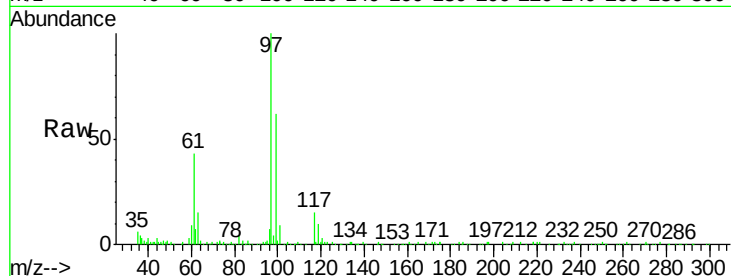
Tot Ion: 97 Resp: 56186

Ion Ratio Lower Upper

97 100

99 67.7 52.1 78.1

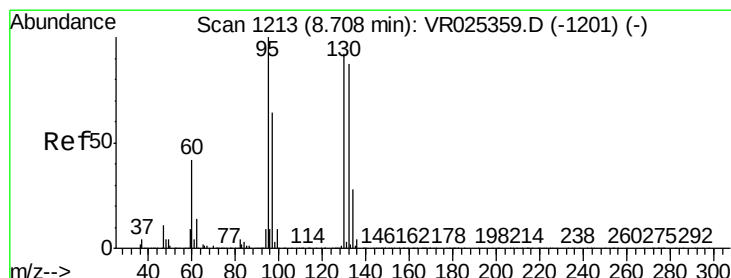
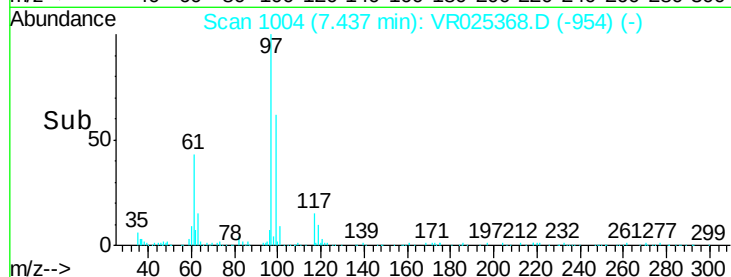
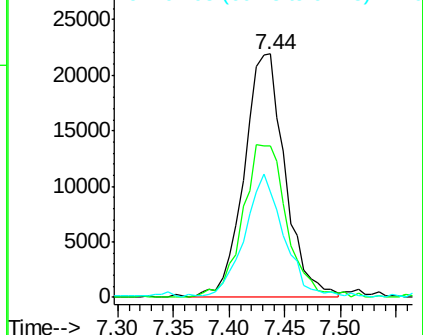
61 48.8 37.0 55.6



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 46.59 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 2113687

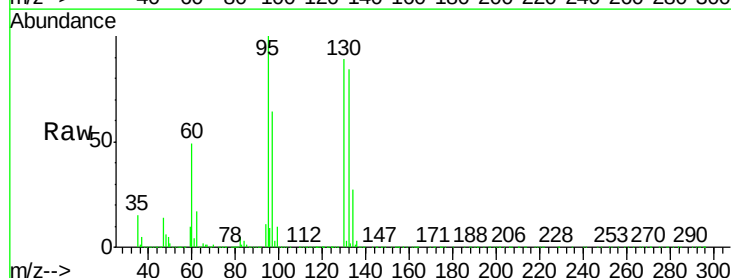
Ion Ratio Lower Upper

95 100

97 64.4 45.6 84.6

132 83.9 60.9 113.1

130 89.2 62.0 115.2



Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

