

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025932.D
 Acq On : 2 Oct 2018 17:29
 Operator : SY/MD
 Sample : J5160-14
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 GACB7

Quant Time: Oct 03 04:24:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 03 02:53:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	436180	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	366528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121502	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	142215	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	2.63	69	133721	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	3.63	63	291609	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	6.59	46	228336	59.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.10%
24) Chloroform-d	7.20	84	279122	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	7.90	65	132475	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	7.85	84	531000	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	8.90	67	154199	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	9.97	98	459043	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	10.23	79	32062	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	10.59	63	167725	58.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67431	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	92614	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

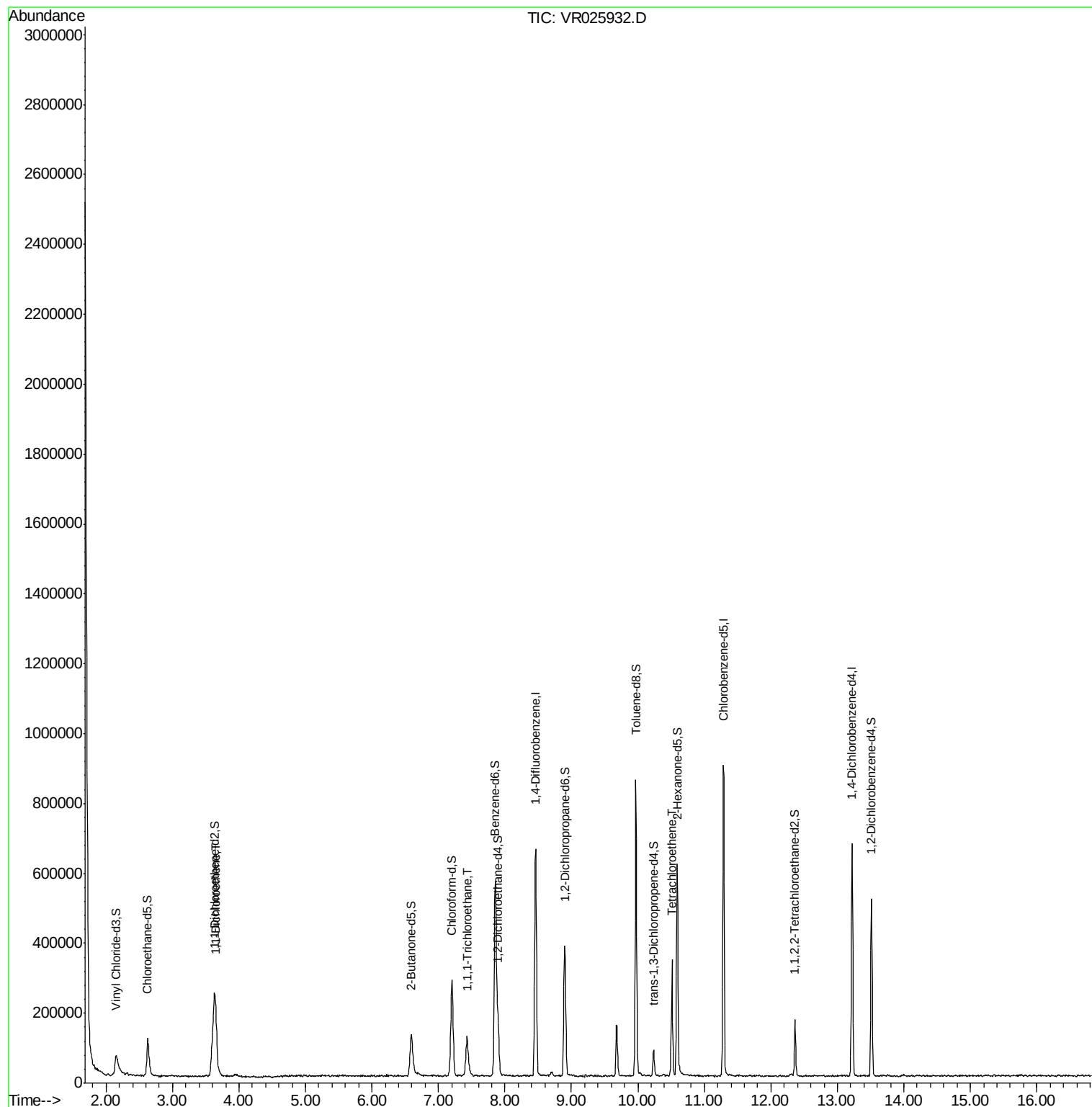
Target Compounds					Ovalue
12) 1,1-Dichloroethene	3.65	96	51509	1.564 ug/L	# 19
29) 1,1,1-Trichloroethane	7.43	97	93080	2.258 ug/L	95
47) Tetrachloroethene	10.51	164	51823	2.596 ug/L	94

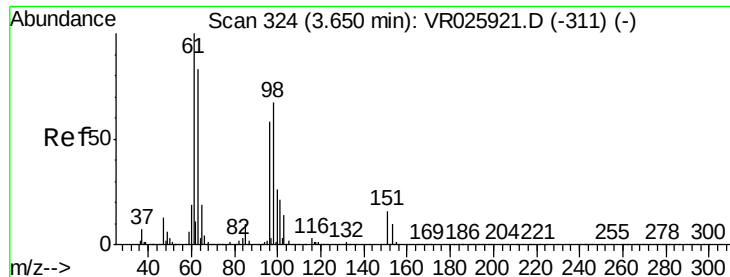
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.564 ug/L

RT: 3.65 min Scan# 324

Delta R.T. 0.00 min

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Instrument :

MSVOA_R

ClientSampled :

GACB7

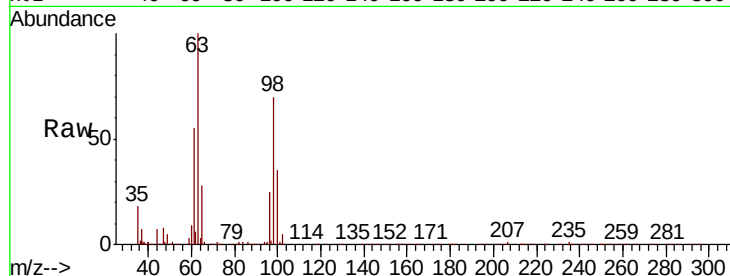
Tot Ion: 96 Resp: 51509

Ion Ratio Lower Upper

96 100

61 223.4 145.0 269.4

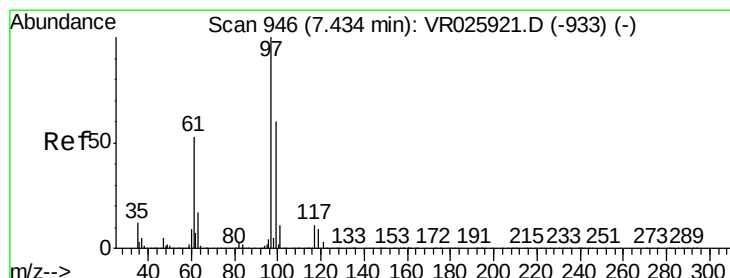
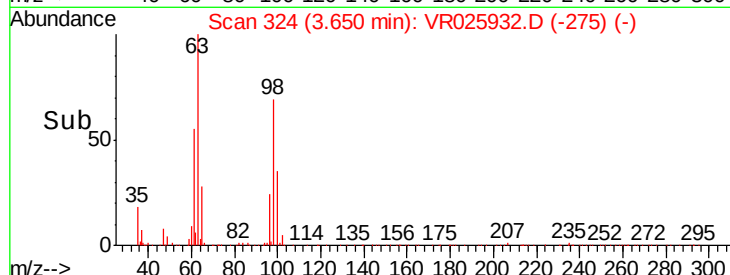
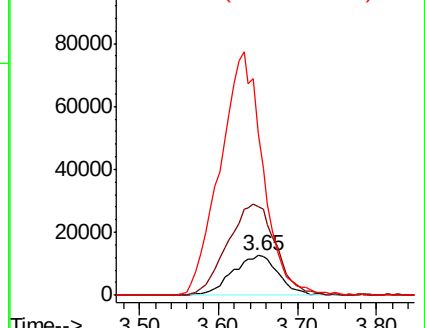
63 407.0 123.8 230.0#



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



#29

1,1,1-Trichloroethane

Concen: 2.258 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.00 min

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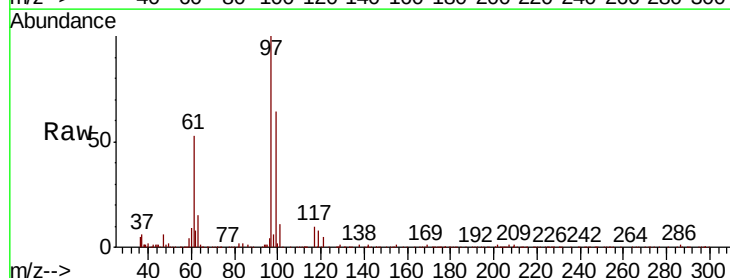
Tgt Ion: 97 Resp: 93080

Ion Ratio Lower Upper

97 100

99 60.9 51.0 76.6

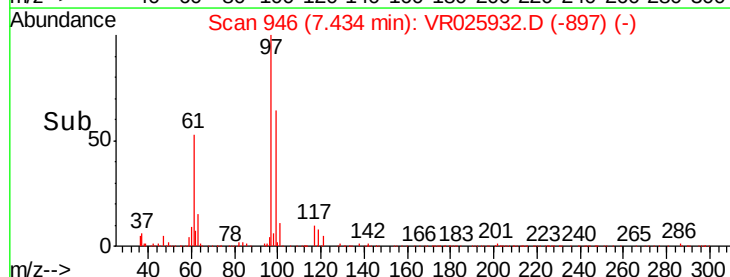
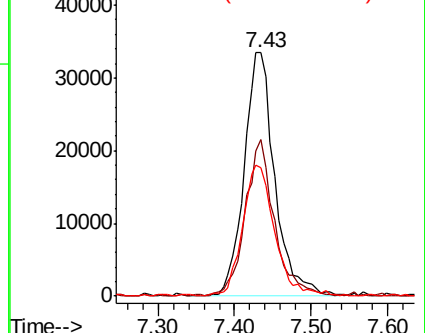
61 56.5 41.6 62.4

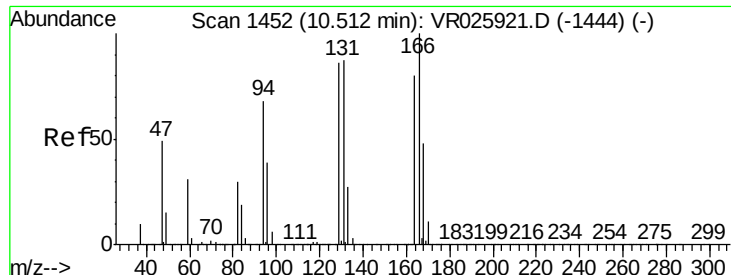


Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0





#47

Tetrachloroethene

Concen: 2.596 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

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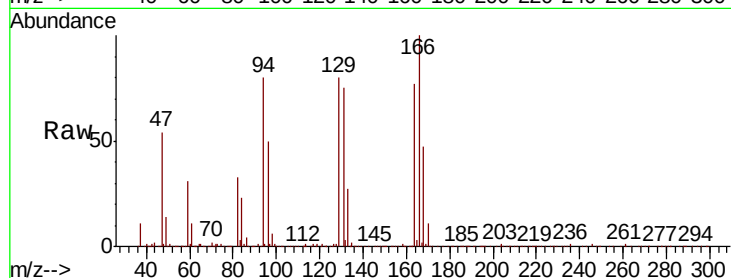
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Tot Ion:164 Resp: 51823

Ion Ratio Lower Upper

164 100

129 104.7 80.8 150.2

131 98.2 74.5 138.3

166 130.1 92.5 171.7

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

