

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082418\
 Data File : VR025637.D
 Acq On : 24 Aug 2018 16:22
 Operator : SY/MD
 Sample : J4643-08
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0K17

Quant Time: Aug 25 00:12:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 24 23:05:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	474355	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	396868	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	117553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	116592	3.77	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	2.63	69	111553	4.19	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	3.62	63	221173	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	6.59	46	134167	57.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.06%
24) Chloroform-d	7.20	84	214994	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	7.90	65	78811	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	7.86	84	502435	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	8.90	67	142672	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	9.97	98	452308	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	10.24	79	28722	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	10.59	63	140331	54.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.88%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62062	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	97690	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

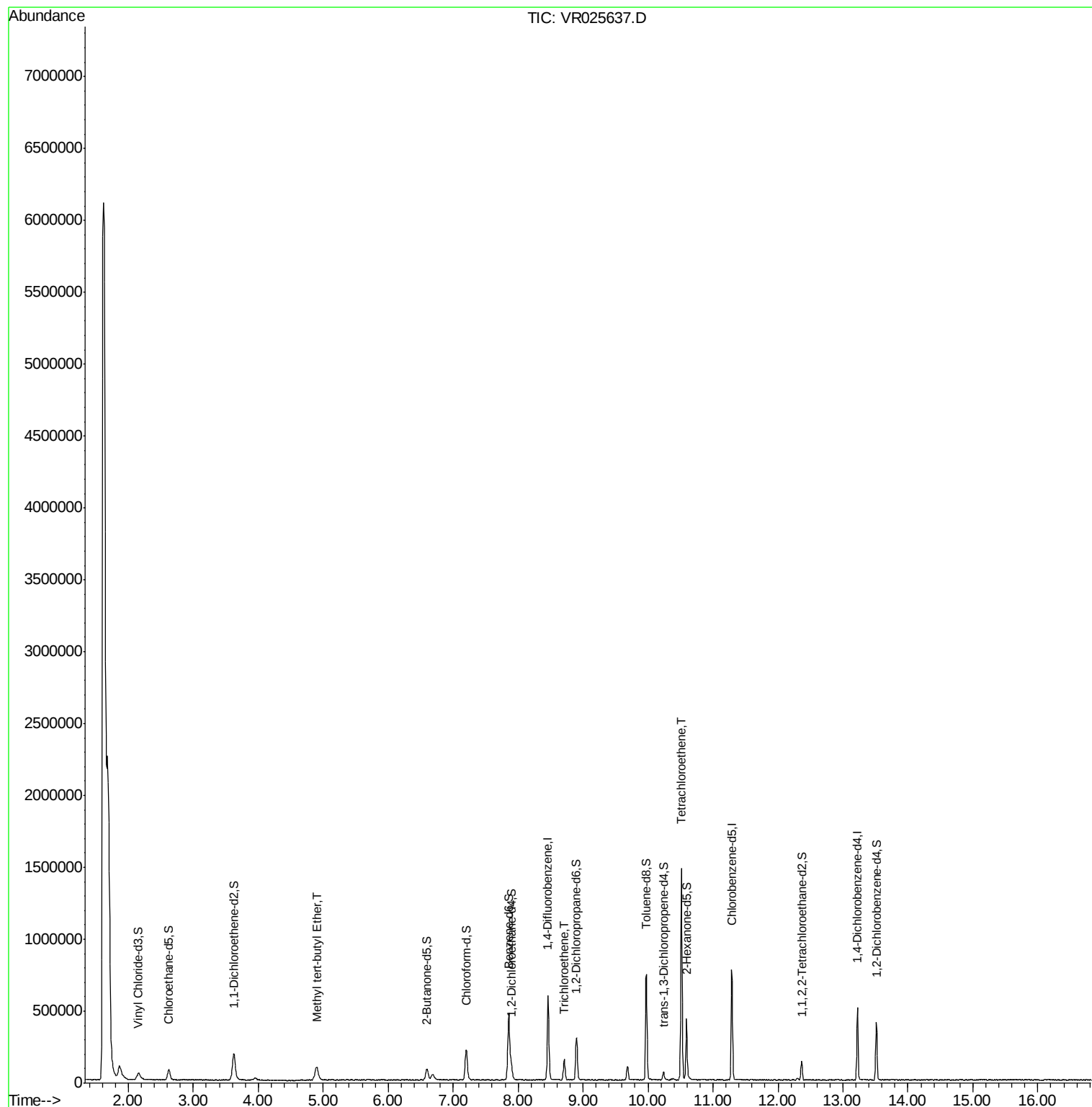
Target Compounds					Qvalue
17) Methyl tert-butyl Ether	4.90	73	142501	3.731 ug/L	99
34) Trichloroethene	8.71	95	49228	1.483 ug/L	93
47) Tetrachloroethene	10.52	164	305869	12.048 ug/L	96

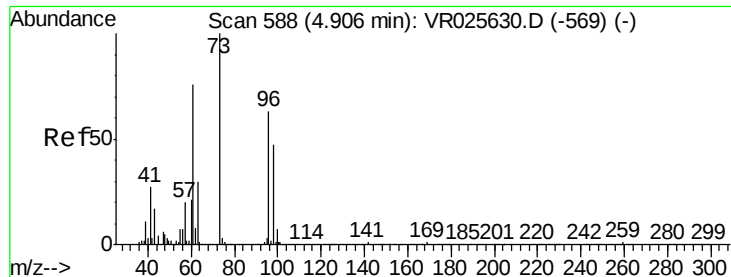
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 3.731 ug/L

RT: 4.90 min Scan# 587

Delta R.T. 0.01 min

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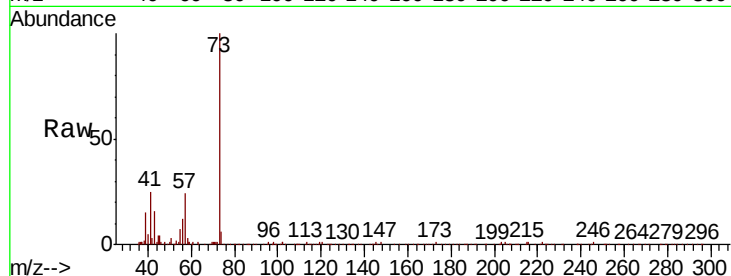
Tgt Ion: 73 Resp: 142501

Ion Ratio Lower Upper

73 100

43 18.0 14.8 22.2

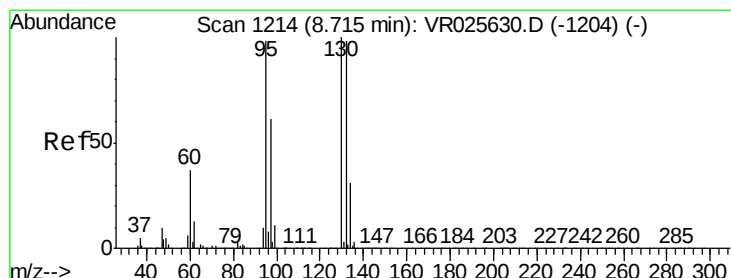
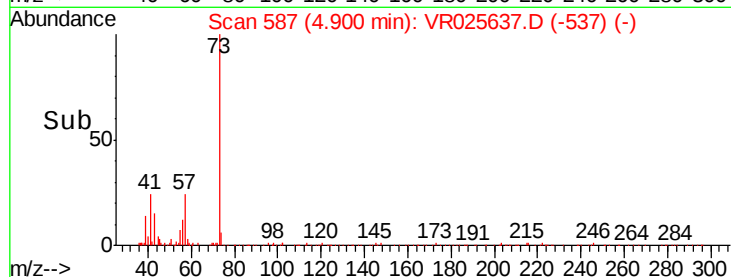
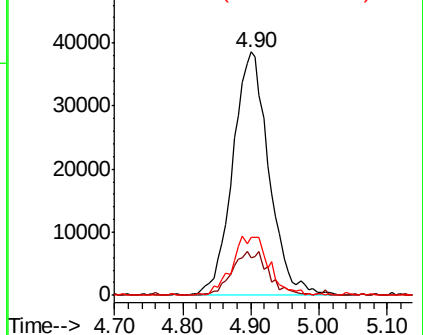
57 25.0 19.9 29.9



Abundance Ion 73.10 (72.80 to 73.80): VR0

Ion 43.05 (42.75 to 43.75): VR0

Ion 57.10 (56.80 to 57.80): VR0



#34

Trichloroethene

Concen: 1.483 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 49228

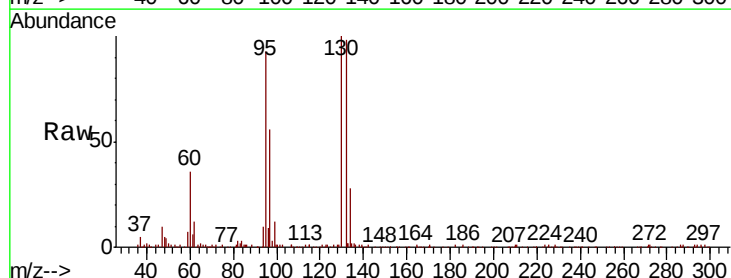
Ion Ratio Lower Upper

95 100

97 59.9 45.7 84.9

132 104.9 66.6 123.6

130 107.1 72.2 134.0

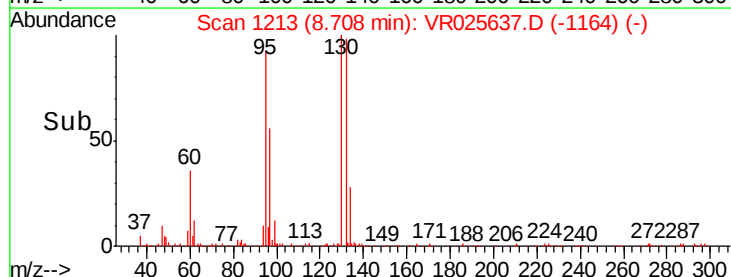
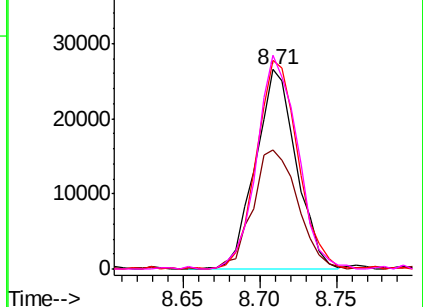


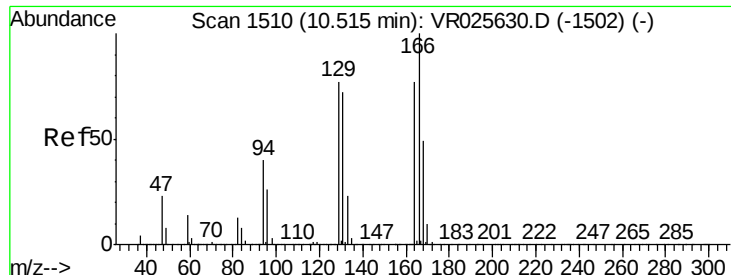
Abundance Ion 95.00 (94.70 to 95.70): VR0

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





#47

Tetrachloroethene

Concen: 12.048 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 305869

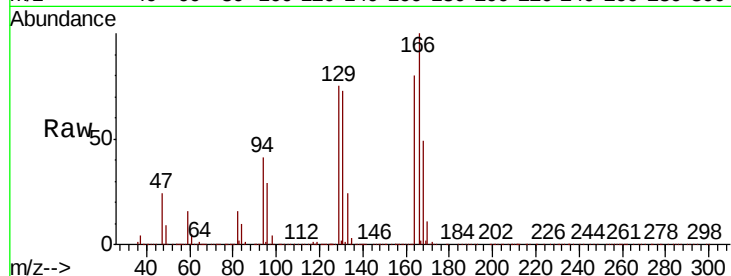
Ion Ratio Lower Upper

164 100

129 93.4 68.7 127.5

131 92.0 66.4 123.4

166 125.3 84.6 157.0



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

