

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR082818\
 Data File : VR025649.D
 Acq On : 28 Aug 2018 16:51
 Operator : SY/MD
 Sample : J4643-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0K14

Quant Time: Aug 29 06:57:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 06:51:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	438750	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	361465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	108763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	113610	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	2.63	69	105614	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	3.63	63	209390	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	6.60	46	153799	70.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.34%#
24) Chloroform-d	7.20	84	237749	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	7.89	65	92921	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	7.86	84	542509	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	8.90	67	157388	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	9.97	98	462236	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	10.24	79	29915	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	10.59	63	158265	68.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.08%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68058	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	113443	6.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.60%#

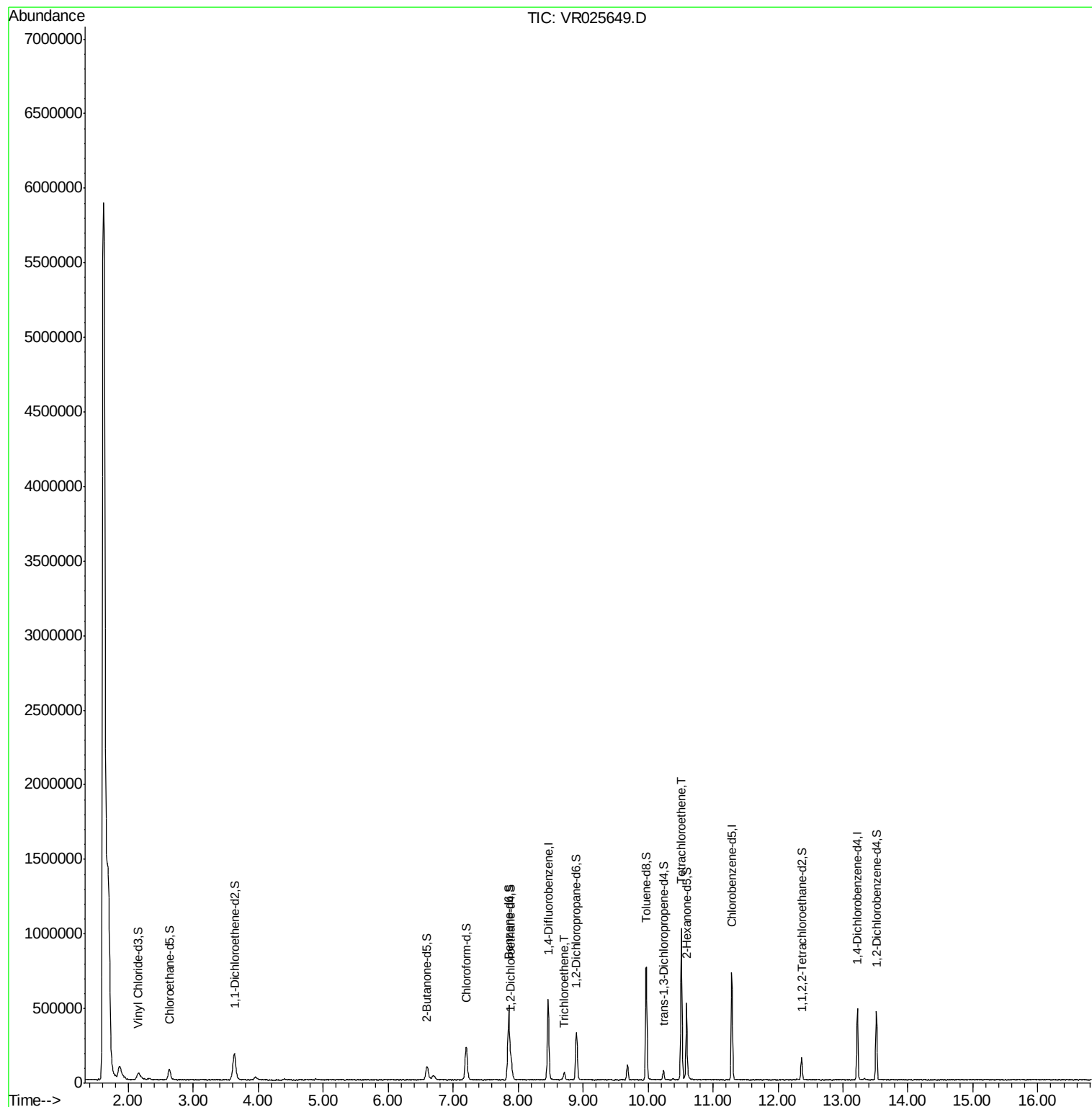
Target Compounds					Ovalue
34) Trichloroethene	8.71	95	18512	0.61 ug/L	92
47) Tetrachloroethene	10.52	164	213838	9.25 ug/L	94

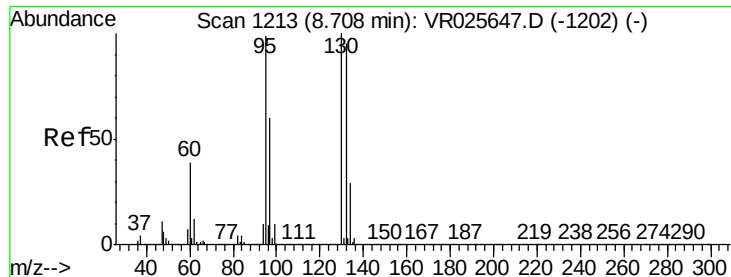
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.61 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

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ClientSampleId :

H0K14

Tot Ion: 95 Resp: 18512

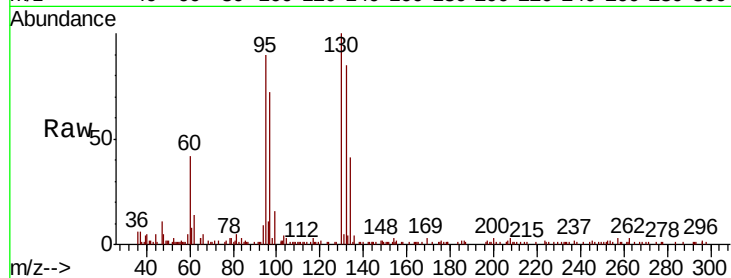
Ion Ratio Lower Upper

95 100

97 80.3 45.7 84.9

132 94.9 66.6 123.6

130 111.3 72.2 134.0

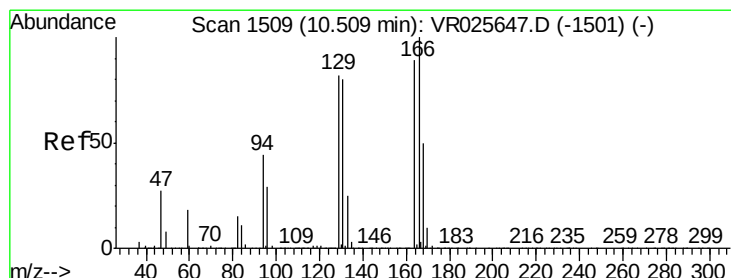
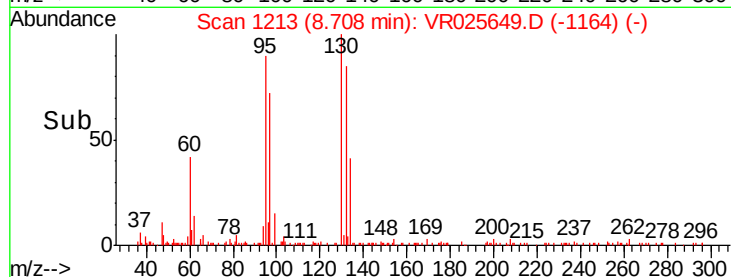
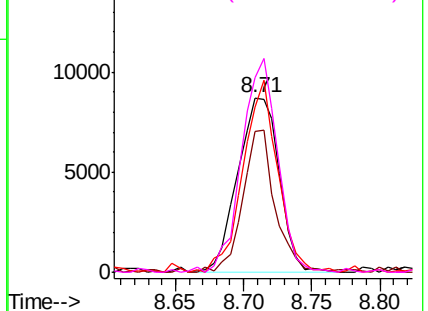


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 9.25 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.01 min

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Tgt Ion:164 Resp: 213838

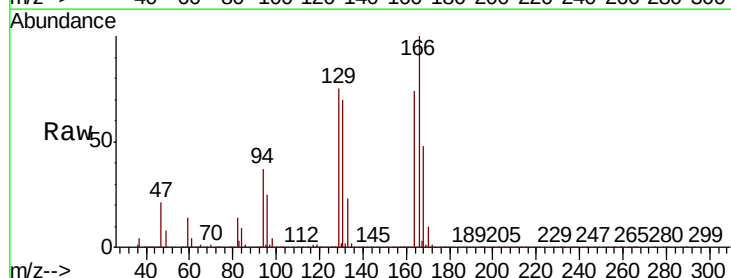
Ion Ratio Lower Upper

164 100

129 101.0 68.7 127.5

131 94.7 66.4 123.4

166 135.5 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

