

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR082918\
 Data File : VR025657.D
 Acq On : 29 Aug 2018 14:43
 Operator : SY/MD
 Sample : J4643-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0K14

Quant Time: Aug 30 07:01:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 06:43:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	425196	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	353951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	107687	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	147080	5.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.20%
7) Chloroethane-d5	2.62	69	125619	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	3.63	63	266598	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	6.60	46	133499	63.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.60%
24) Chloroform-d	7.20	84	241967	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	7.89	65	86848	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	7.86	84	602822	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	8.90	67	160098	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	9.97	98	541733	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	10.24	79	32733	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	10.59	63	141857	62.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65110	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	113569	6.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.00%#

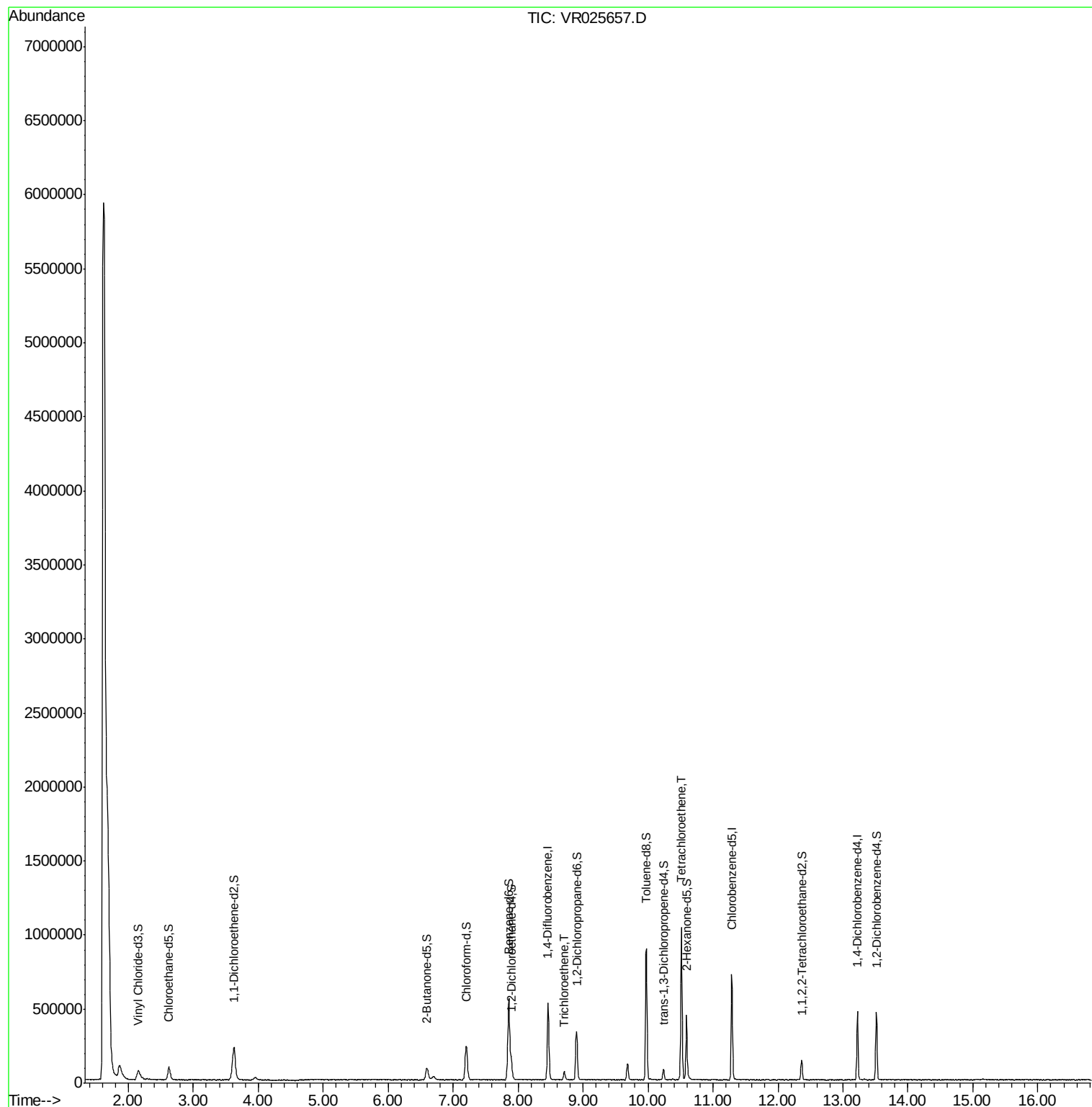
Target Compounds					Ovalue
34) Trichloroethene	8.71	95	18666	0.630 ug/L	91
47) Tetrachloroethene	10.52	164	223030	9.851 ug/L	95

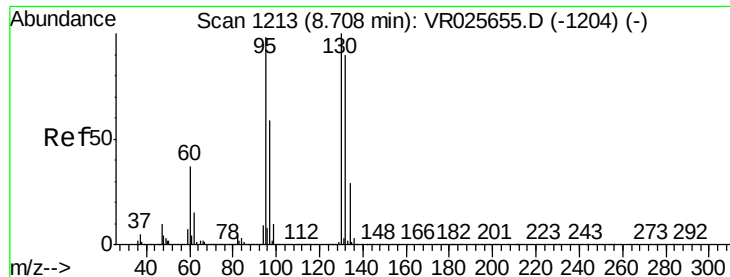
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.630 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

H0K14

Tot Ion: 95 Resp: 18666

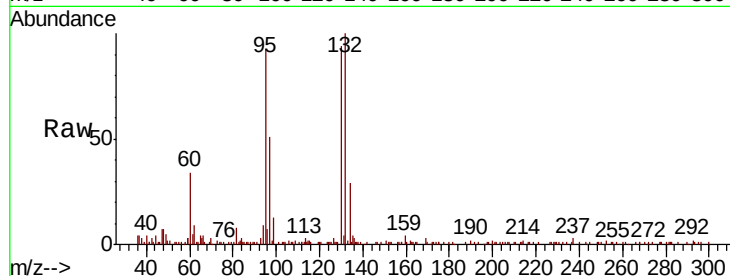
Ion Ratio Lower Upper

95 100

97 54.7 45.7 84.9

132 107.9 66.6 123.6

130 101.5 72.2 134.0



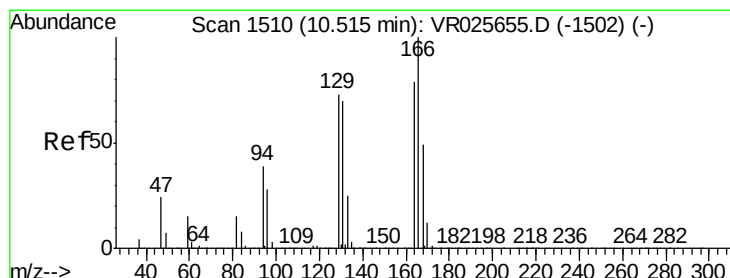
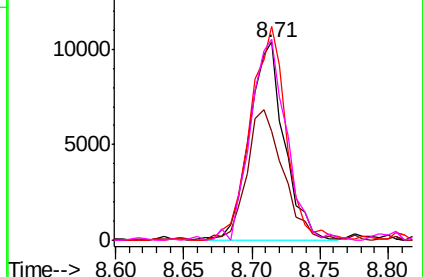
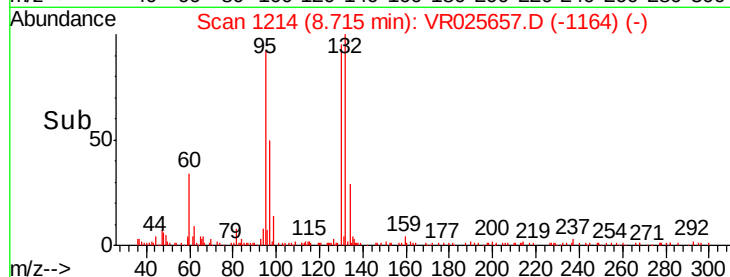
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

Time--> 8.60 8.65 8.70 8.75 8.80



#47

Tetrachloroethene

Concen: 9.851 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.01 min

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Tgt Ion: 164 Resp: 223030

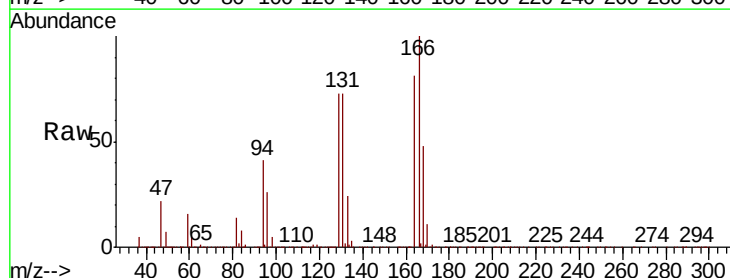
Ion Ratio Lower Upper

164 100

129 90.4 68.7 127.5

131 90.5 66.4 123.4

166 123.8 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

Time--> 10.40 10.50 10.60

