

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR082818\
 Data File : VR025650.D
 Acq On : 28 Aug 2018 17:23
 Operator : SY/MD
 Sample : J4643-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0K15

Quant Time: Aug 29 07:00:15 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	8.46	114	461467	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	384794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	111691	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	106367	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	2.64	69	99435	3.84	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	3.63	63	208136	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	6.60	46	157307	68.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.46%#
24) Chloroform-d	7.21	84	231691	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	7.89	65	85602	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	7.86	84	523613	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	8.90	67	150052	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	9.97	98	455509	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	10.24	79	30388	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	10.59	63	149955	60.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.12%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67651	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	103380	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

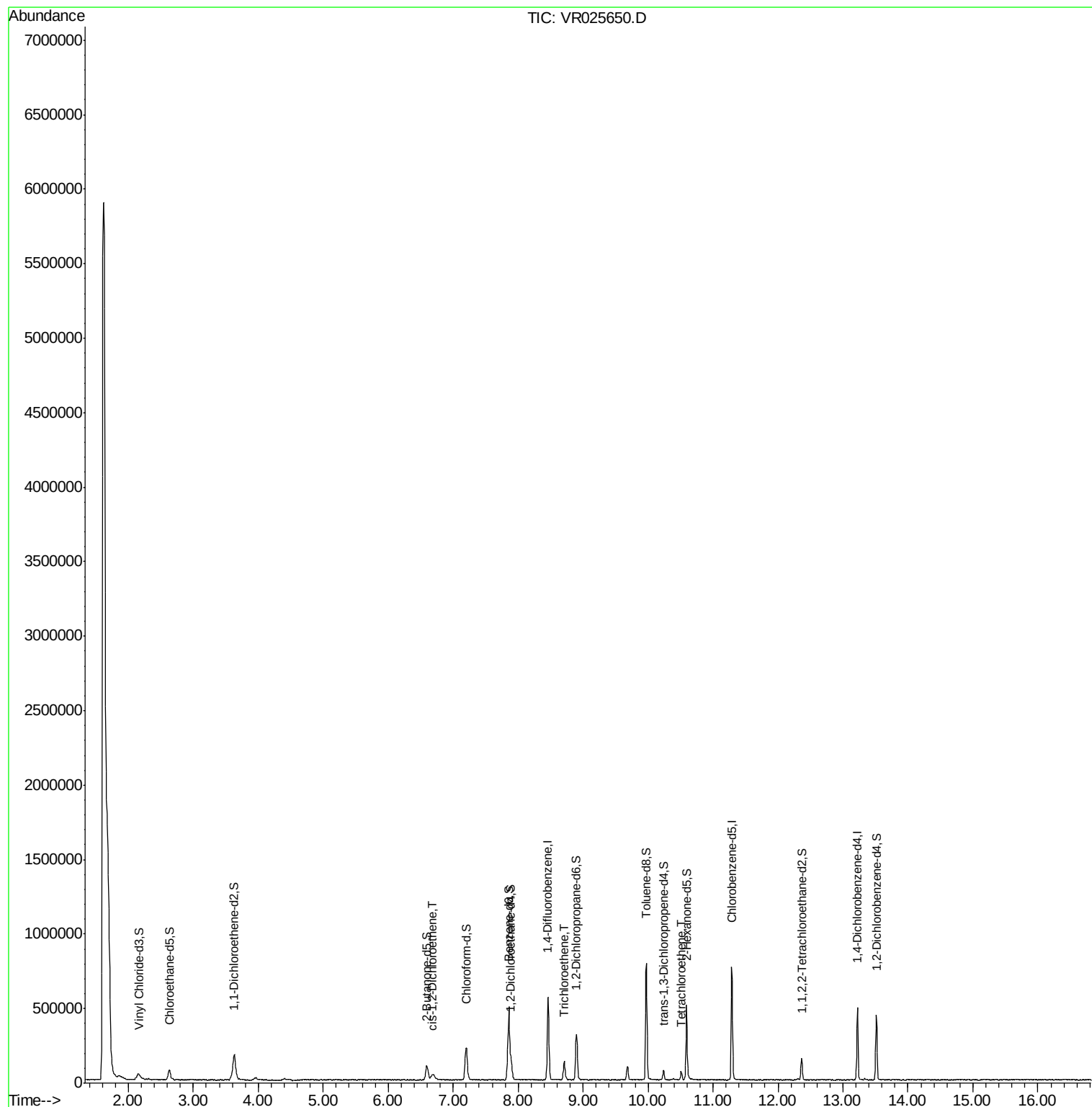
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	6.67	96	12870	0.39 ug/L	# 82
34) Trichloroethene	8.71	95	41129	1.28 ug/L	96
47) Tetrachloroethene	10.51	164	13783	0.56 ug/L	88

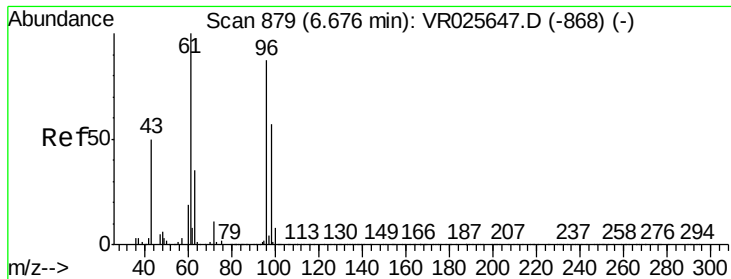
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.39 ug/L

RT: 6.67 min Scan# 878

Delta R.T. -0.01 min

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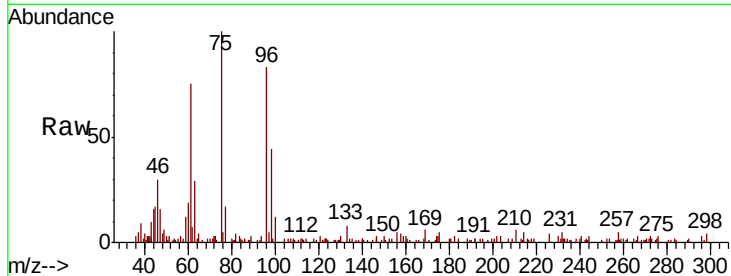
Tot Ion: 96 Resp: 12870

Ion Ratio Lower Upper

96 100

61 90.7 76.7 142.5

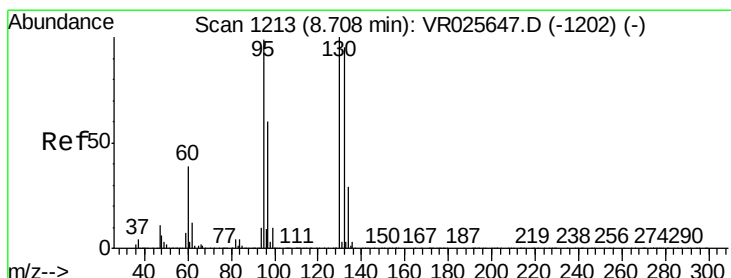
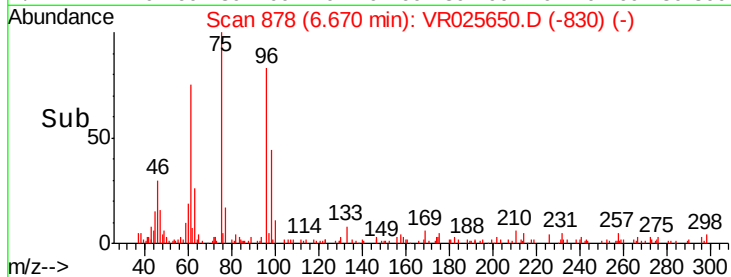
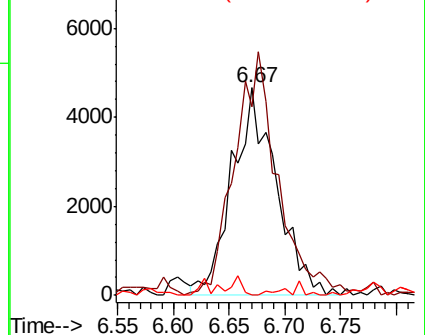
68 0.0 0.1 0.3#



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



#34

Trichloroethene

Concen: 1.28 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

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Acq: 28 Aug 2018 17:23

Tgt Ion: 95 Resp: 41129

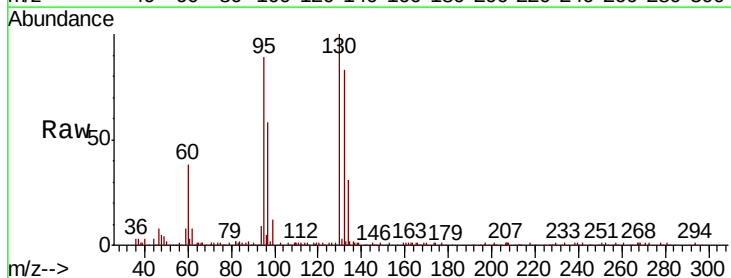
Ion Ratio Lower Upper

95 100

97 65.6 45.7 84.9

132 93.8 66.6 123.6

130 112.4 72.2 134.0

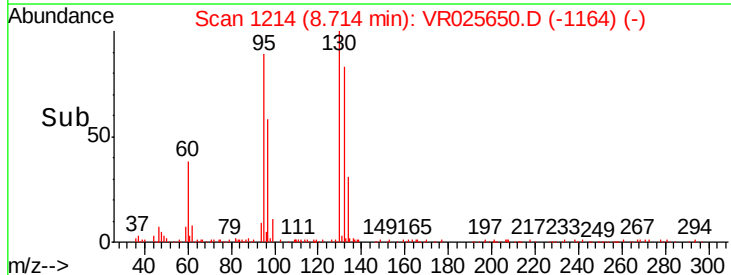
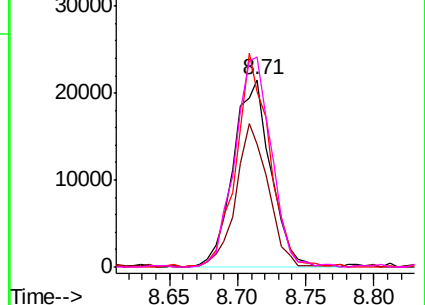


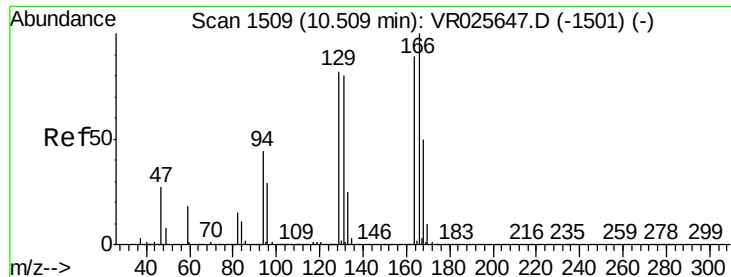
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.56 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.00 min

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Tot Ion:164 Resp: 13783

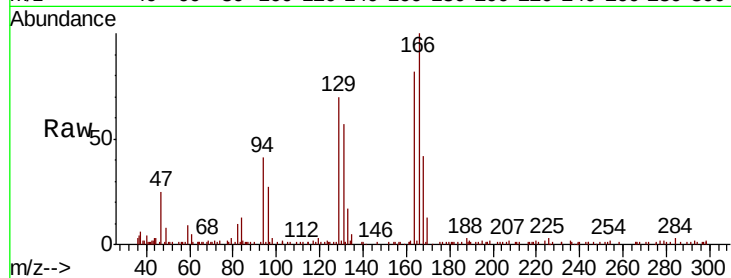
Ion Ratio Lower Upper

164 100

129 85.4 68.7 127.5

131 70.9 66.4 123.4

166 121.7 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

