

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR082818\
 Data File : VR025651.D
 Acq On : 28 Aug 2018 17:56
 Operator : SY/MD
 Sample : J4643-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0K16

Quant Time: Aug 29 07:01:47 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	449131	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	381001	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	109866	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	111943	3.83	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	2.62	69	105711	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	3.62	63	219791	3.04	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	6.59	46	157764	70.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.64%#
24) Chloroform-d	7.20	84	238190	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	7.89	65	89319	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	7.86	84	541530	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	8.90	67	159716	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	9.97	98	475474	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	10.24	79	30175	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	10.59	63	158361	64.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68470	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	108137	6.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.20%#

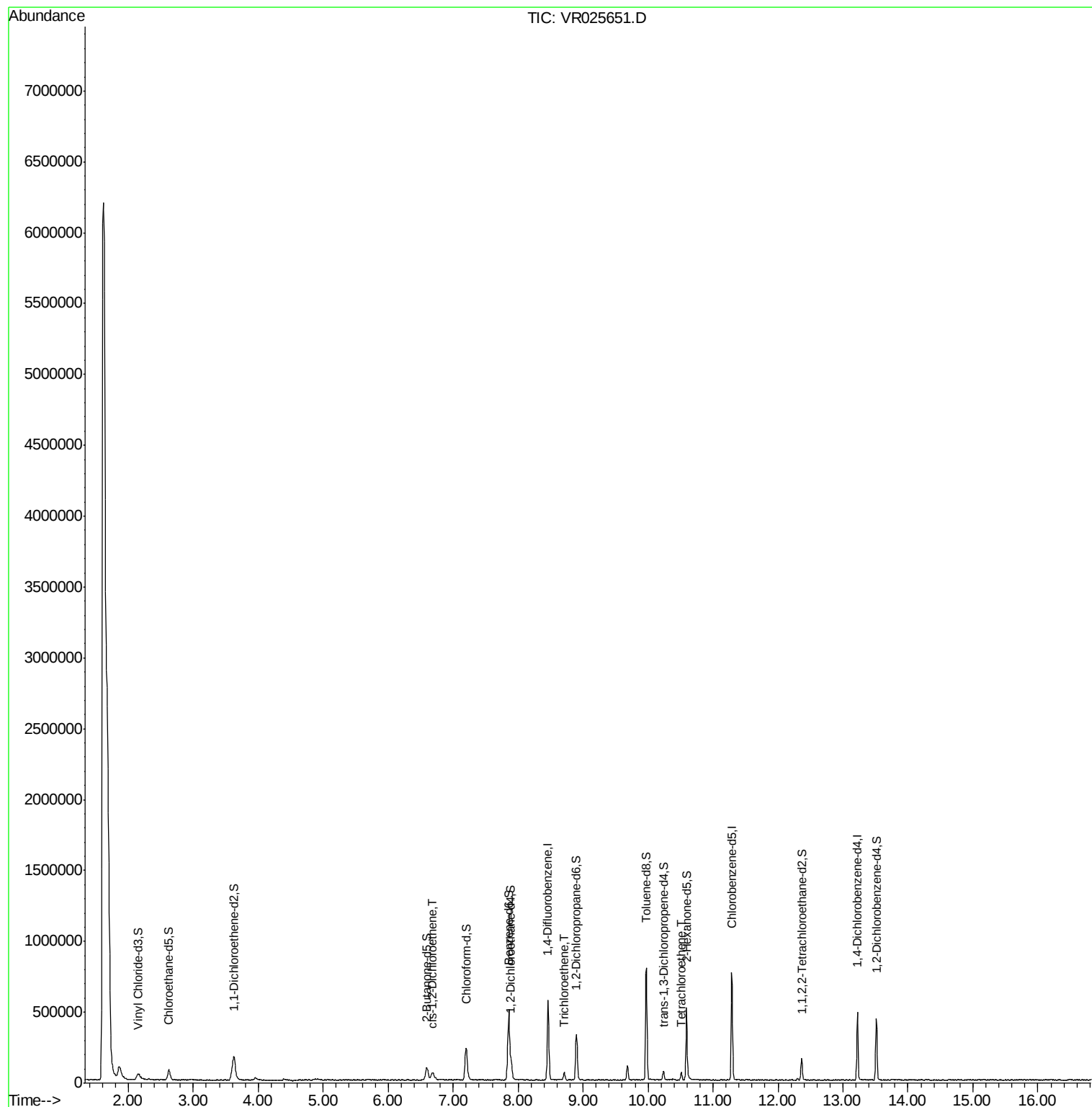
Target Compounds						Ovalue
22) cis-1,2-Dichloroethene	6.68	96	22114	0.69	ug/L #	92
34) Trichloroethene	8.71	95	18132	0.57	ug/L	97
47) Tetrachloroethene	10.52	164	14446	0.59	ug/L #	80

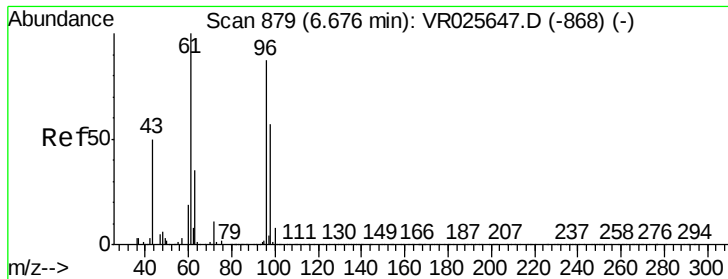
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.69 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.00 min

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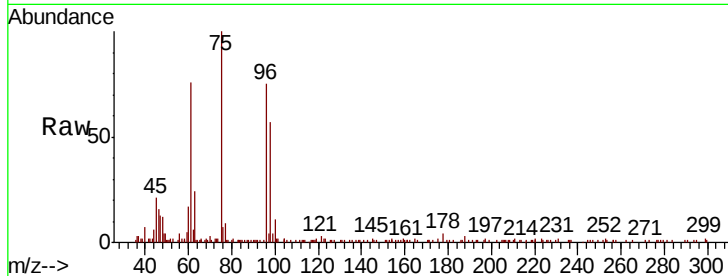
Tot Ion: 96 Resp: 22114

Ion Ratio Lower Upper

96 100

61 100.8 76.7 142.5

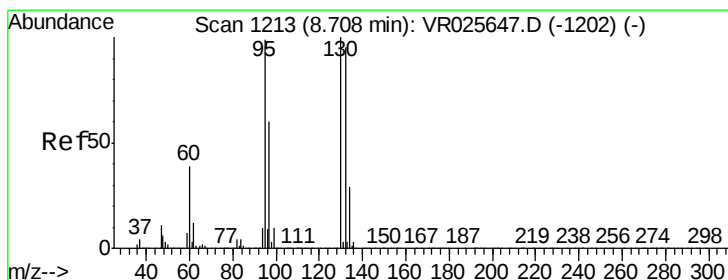
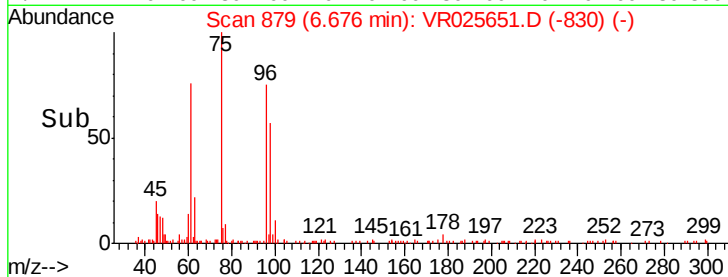
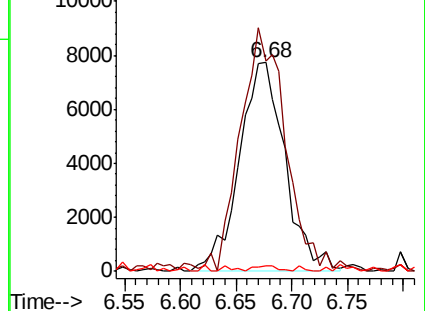
68 2.4 0.1 0.3#



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: 0.57 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 18132

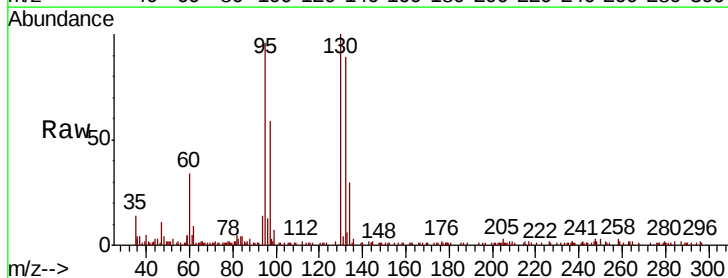
Ion Ratio Lower Upper

95 100

97 61.5 45.7 84.9

132 92.5 66.6 123.6

130 104.3 72.2 134.0

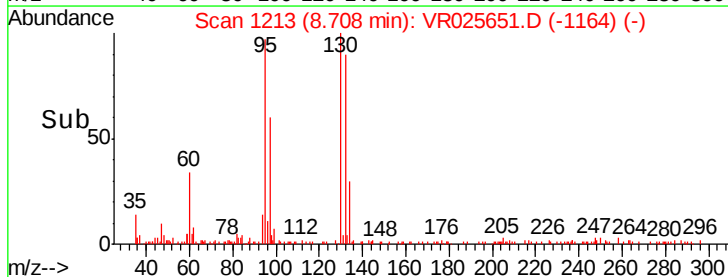
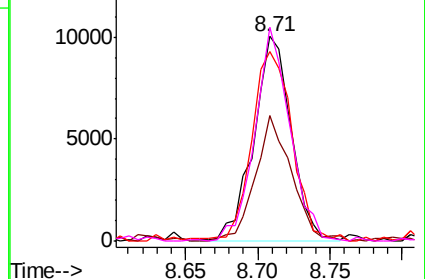


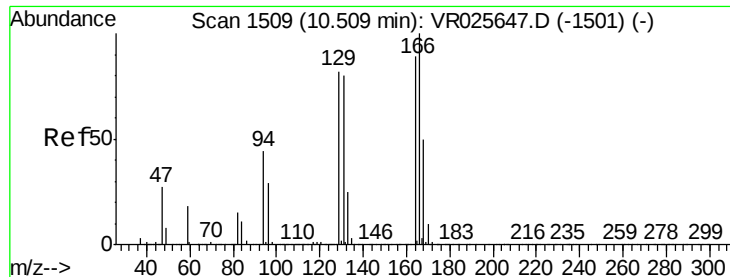
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.59 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. 0.01 min

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Tot Ion:164 Resp: 14446

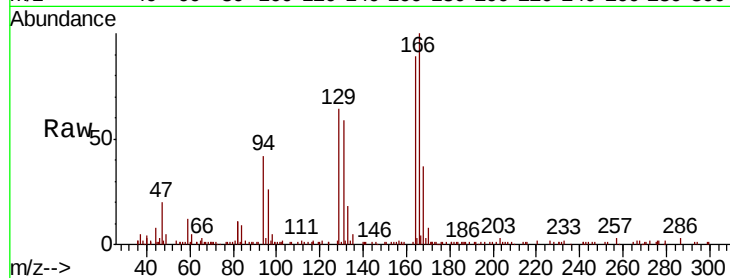
Ion Ratio Lower Upper

164 100

129 72.1 68.7 127.5

131 66.1 66.4 123.4#

166 111.9 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

