

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071818\
 Data File : VR025509.D
 Acq On : 18 Jul 2018 16:29
 Operator : SY/MD
 Sample : J4002-09DL 8X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG5DL

Quant Time: Jul 19 05:56:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 05:17:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	547476	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	468936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	78378	5.19	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	2.62	69	63963	4.97	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	3.63	63	169828	3.71	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	6.60	46	162934	34.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.52%
24) Chloroform-d	7.21	84	348849	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.89	65	135179	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	7.86	84	745177	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	8.90	67	217407	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	9.97	98	664367	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	10.24	79	49486	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	10.59	63	200986	51.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.12%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101439	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	155652	6.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.40%#

Target Compounds

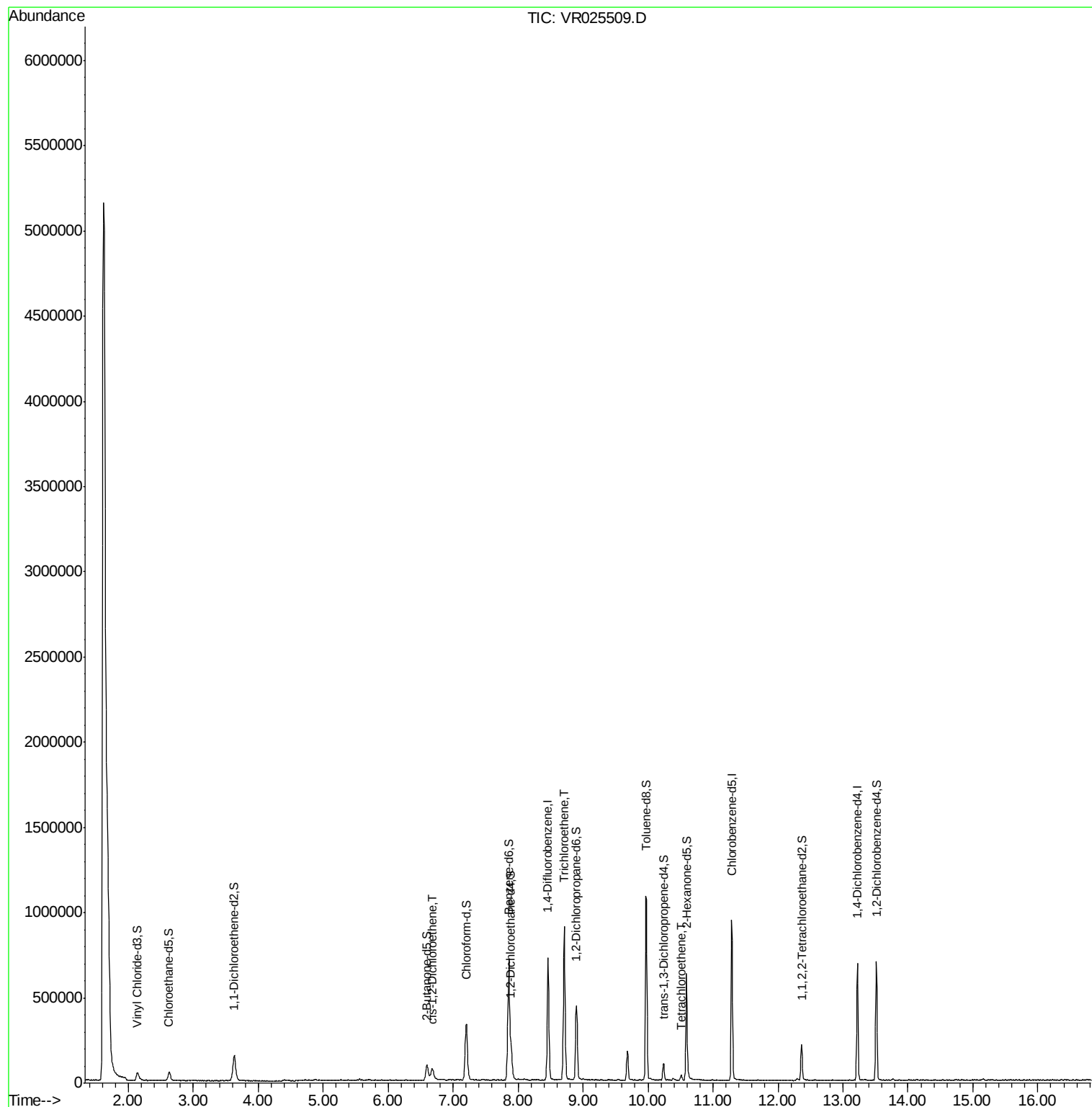
					Ovalue
22) cis-1,2-Dichloroethene	6.68	96	38080	1.02	ug/L # 85
34) Trichloroethene	8.71	95	320698	7.79	ug/L 98
47) Tetrachloroethene	10.51	164	6287	0.23	ug/L 88

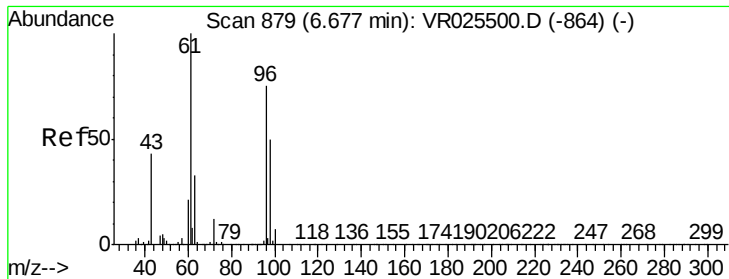
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.02 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.00 min

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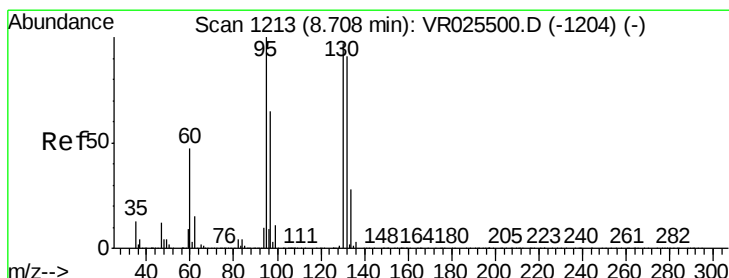
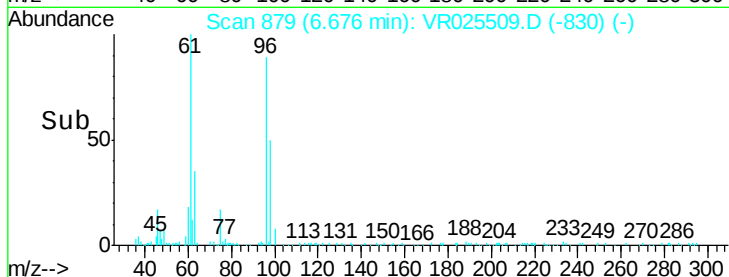
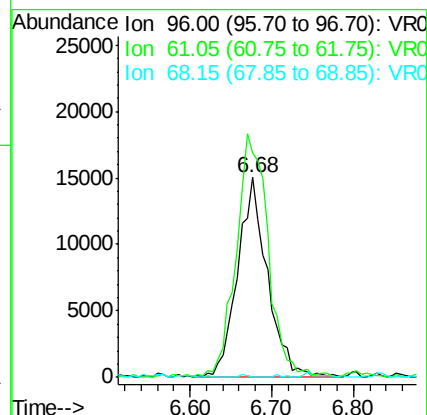
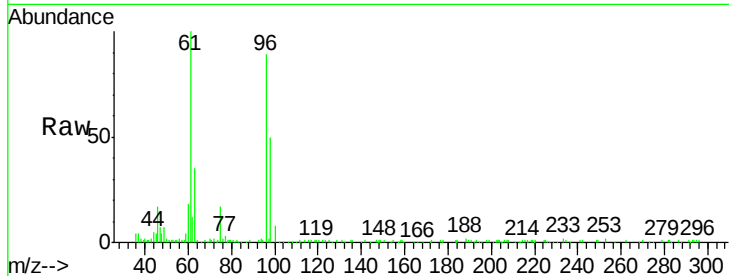
Tot Ion: 96 Resp: 38080

Ion Ratio Lower Upper

96 100

61 112.5 91.0 169.0

68 0.4 0.0 0.0#



#34

Trichloroethene

Concen: 7.79 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

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Acq: 18 Jul 2018 16:29

Tgt Ion: 95 Resp: 320698

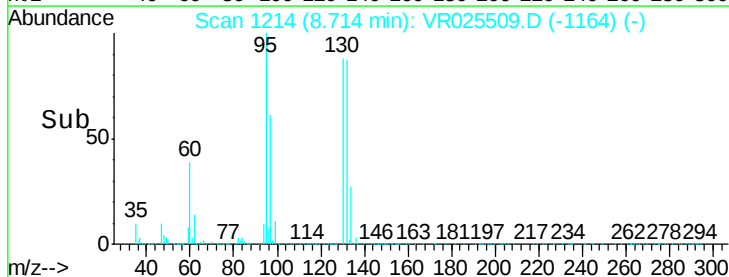
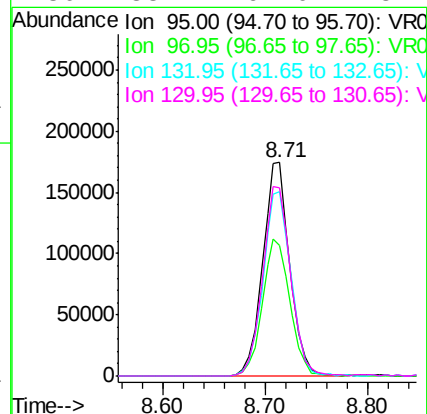
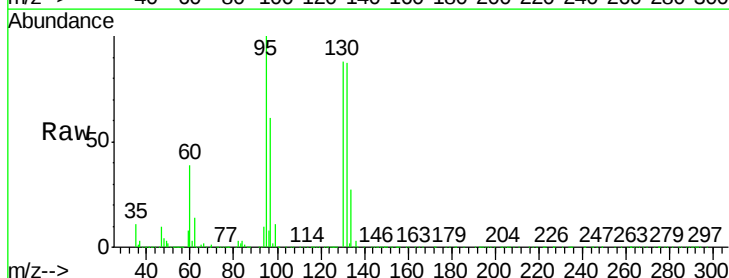
Ion Ratio Lower Upper

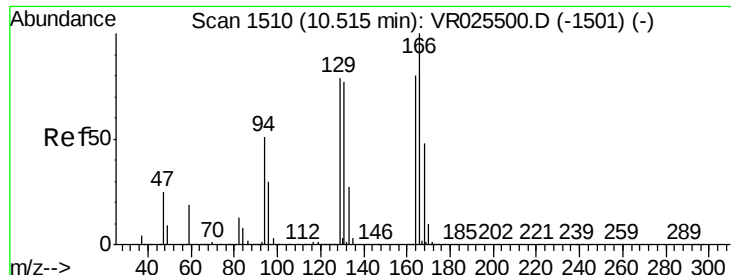
95 100

97 61.3 45.6 84.6

132 86.6 60.9 113.1

130 88.1 62.0 115.2





#47

Tetrachloroethene

Concen: 0.23 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.01 min

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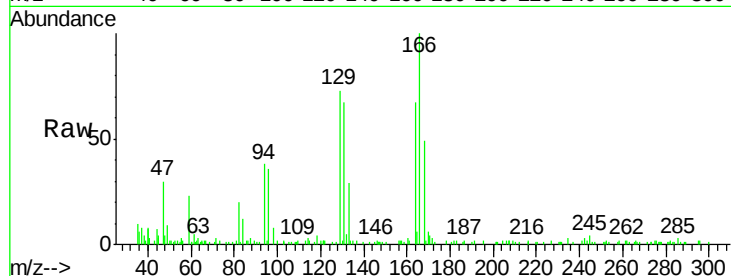
Acq: 18 Jul 2018 16:29

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Tot Ion:164 Resp: 6287

Ion Ratio Lower Upper

164 100

129 109.4 68.1 126.5

131 100.2 68.5 127.1

166 149.8 89.9 166.9

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

