

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071818\
 Data File : VR025514.D
 Acq On : 18 Jul 2018 19:57
 Operator : SY/MD
 Sample : J4002-01DL 20X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AF3DL

Quant Time: Jul 19 06:39:30 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	549220	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	469827	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151488	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	70902	4.68	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	2.63	69	59482	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	3.62	63	153140	3.34	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.60	46	171860	36.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.08%
24) Chloroform-d	7.21	84	338078	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	7.90	65	126199	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	7.86	84	699072	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	8.90	67	206585	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	9.97	98	614624	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	10.24	79	45401	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	194497	49.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	96772	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	146369	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

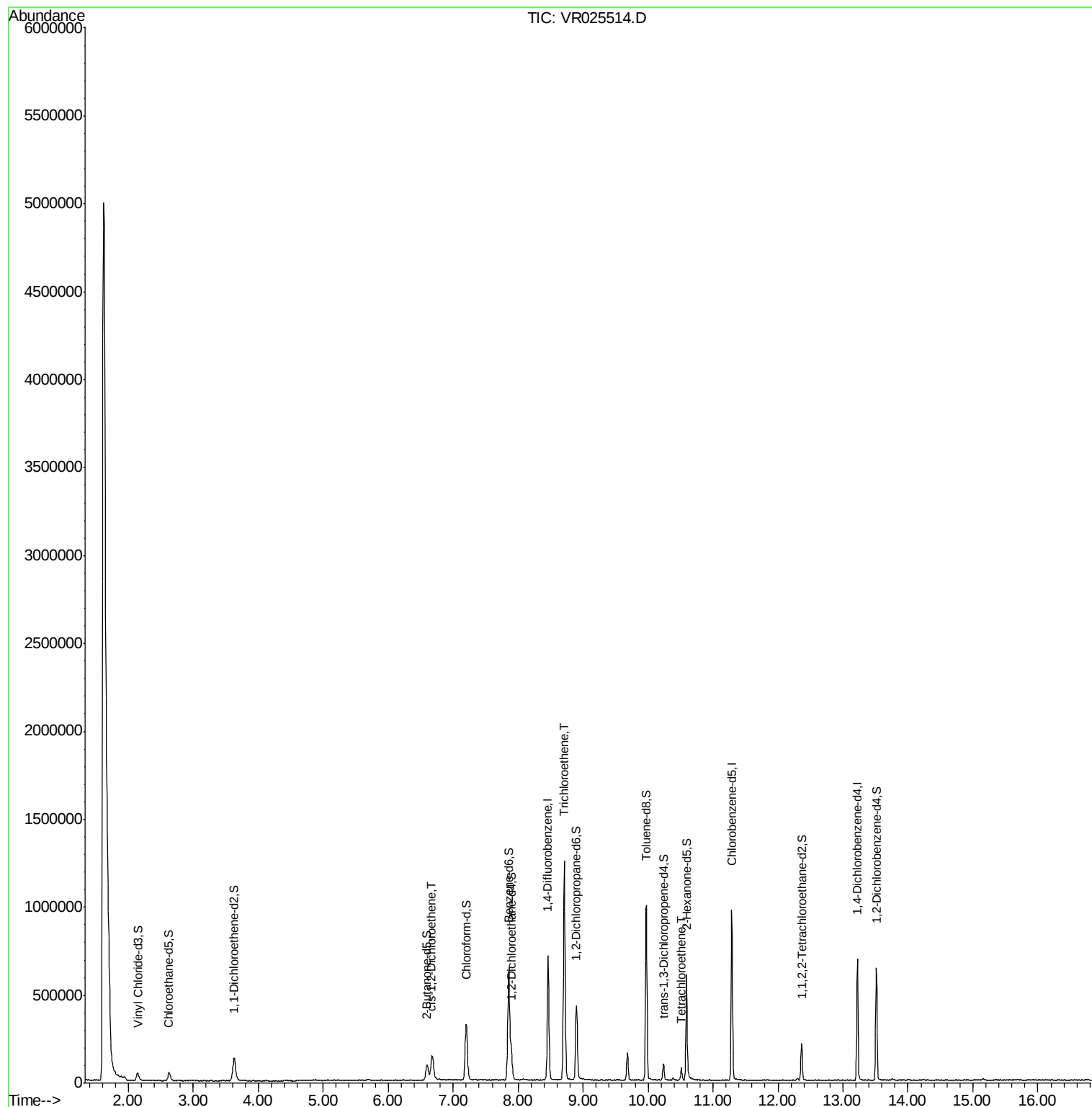
Target Compounds						Ovalue
22) cis-1,2-Dichloroethene	6.67	96	89632	2.39	ug/L	# 89
34) Trichloroethene	8.71	95	451105	10.94	ug/L	98
47) Tetrachloroethene	10.52	164	14454	0.54	ug/L	92

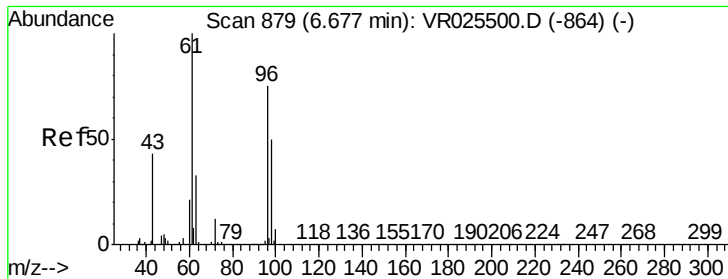
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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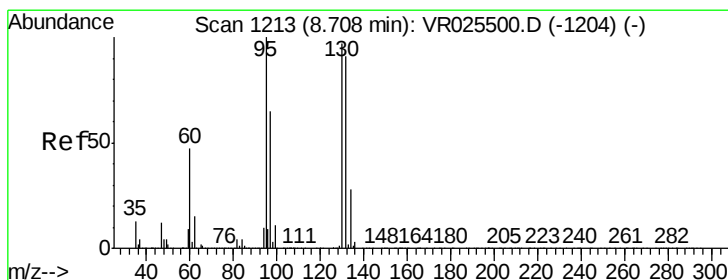
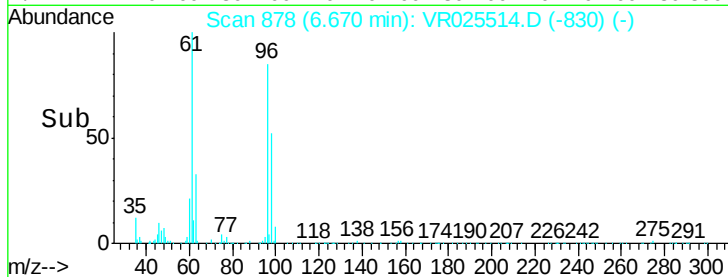
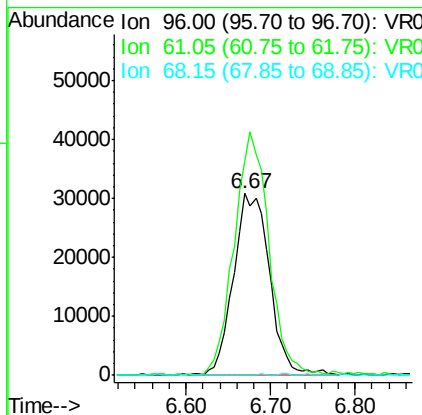
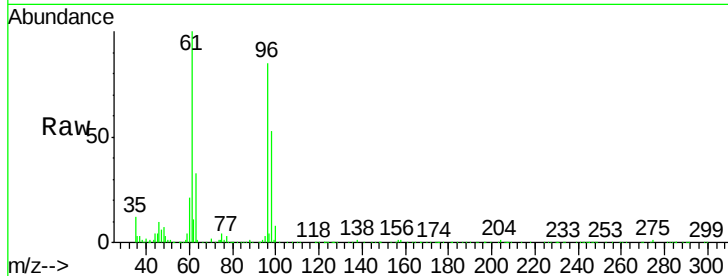


#22

cis-1,2-Dichloroethene
Concen: 2.39 ug/L
RT: 6.67 min Scan# 878
Delta R.T. -0.01 min
Lab File: VR025514.D
Acq: 18 Jul 2018 19:57

Instrument :
MSVOA_R
ClientSampled :
C0AF3DL

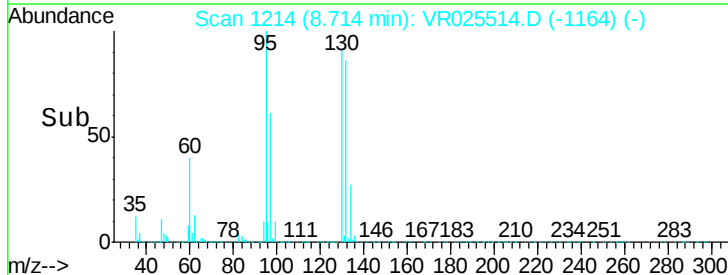
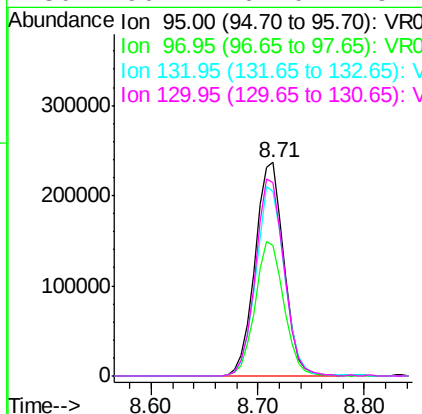
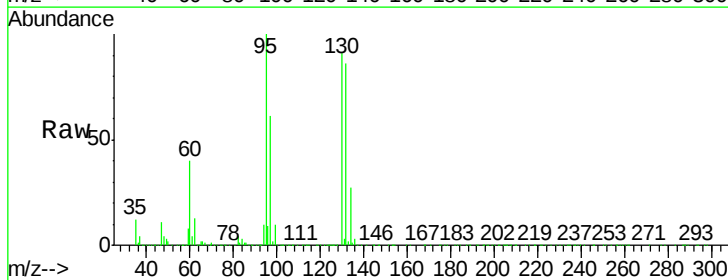
Tot Ion: 96 Resp: 89632
Ion Ratio Lower Upper
96 100
61 117.5 91.0 169.0
68 0.4 0.0 0.0#

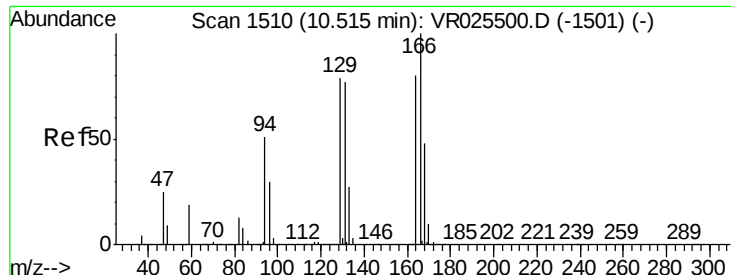


#34

Trichloroethene
Concen: 10.94 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. 0.01 min
Lab File: VR025514.D
Acq: 18 Jul 2018 19:57

Tgt Ion: 95 Resp: 451105
Ion Ratio Lower Upper
95 100
97 61.4 45.6 84.6
132 86.4 60.9 113.1
130 90.7 62.0 115.2





#47

Tetrachloroethene

Concen: 0.54 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VR025514.D

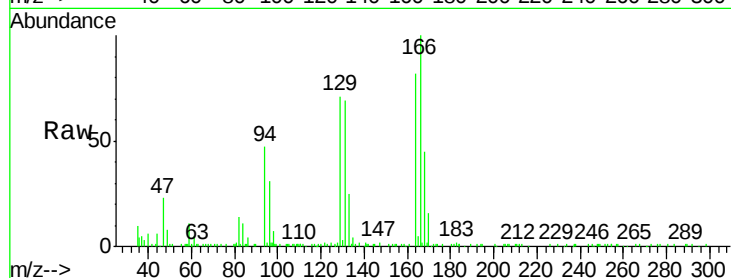
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MSVOA_R

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Tot Ion:164 Resp: 14454

Ion Ratio Lower Upper

164 100

129 87.5 68.1 126.5

131 84.4 68.5 127.1

166 124.7 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

