

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071818\
 Data File : VR025504.D
 Acq On : 18 Jul 2018 13:29
 Operator : SY/MD
 Sample : J4002-04DL 500X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG1DL

Quant Time: Jul 19 05:30:12 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	714494	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	568728	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	194235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	84132	4.27	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	2.62	69	69064	4.11	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	3.63	63	185323	3.11	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	6.60	46	256632	41.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.90%
24) Chloroform-d	7.21	84	405311	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	7.89	65	160526	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	7.86	84	850343	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	8.90	67	246857	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	9.97	98	744210	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	10.24	79	58943	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	10.59	63	217501	46.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	99582	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	165329	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

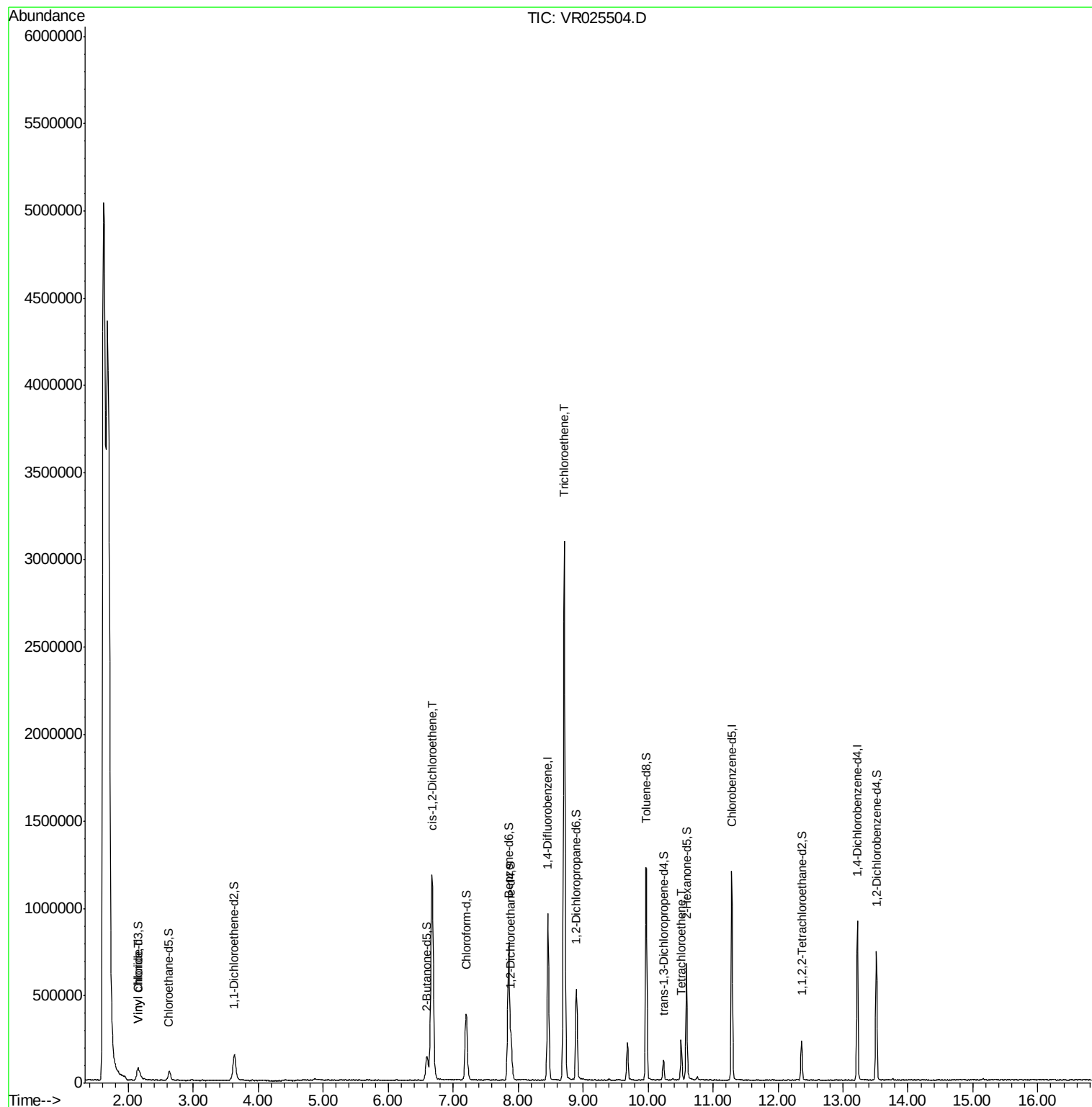
					Ovalue
5) Vinyl chloride	2.16	62	68299	3.18	ug/L 99
22) cis-1,2-Dichloroethene	6.68	96	752786	15.44	ug/L # 100
34) Trichloroethene	8.71	95	1082683	21.69	ug/L 98
47) Tetrachloroethene	10.52	164	47637	1.46	ug/L 93

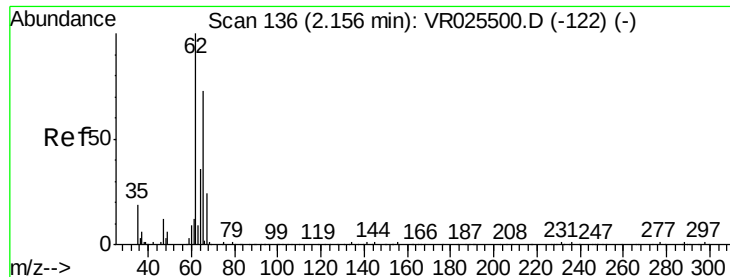
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.18 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.00 min

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MSVOA_R

ClientSampleId :

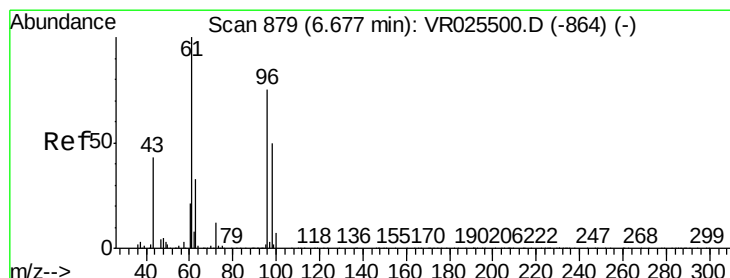
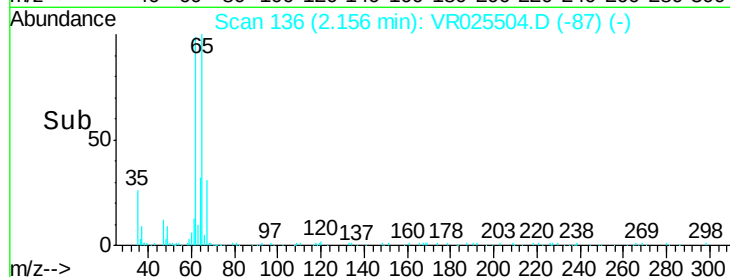
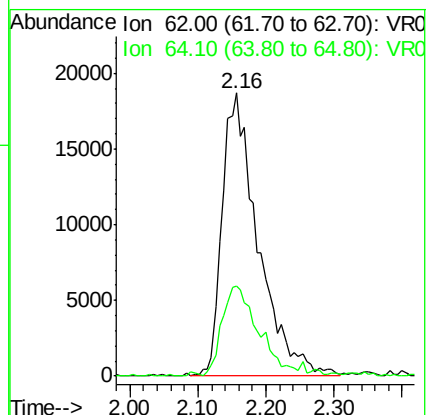
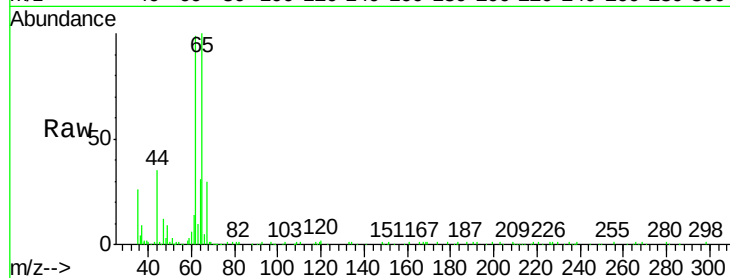
C0AG1DL

Tot Ion: 62 Resp: 68299

Ion Ratio Lower Upper

62 100

64 31.8 22.8 42.4



#22

cis-1,2-Dichloroethene

Concen: 15.44 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.00 min

Lab File: VR025504.D

Acq: 18 Jul 2018 13:29

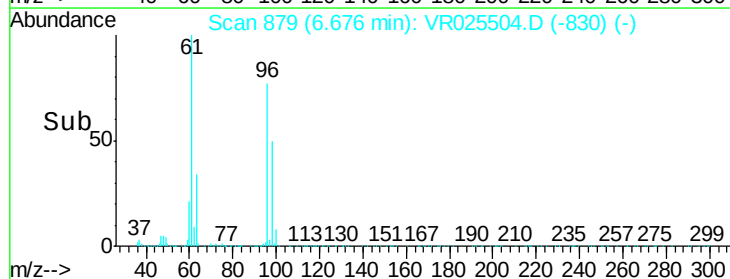
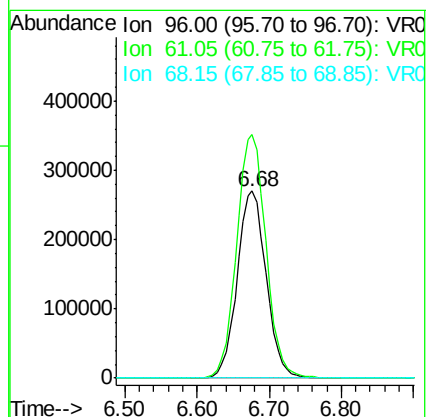
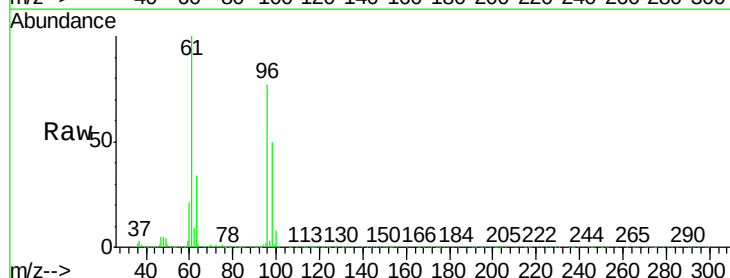
Tgt Ion: 96 Resp: 752786

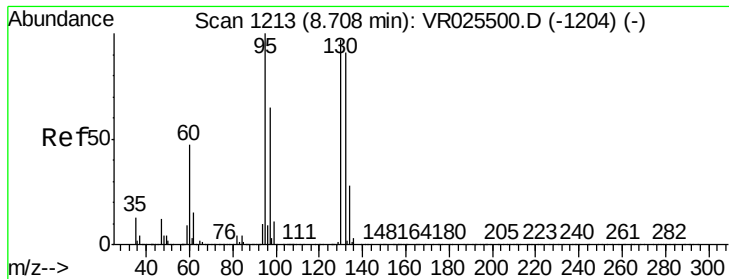
Ion Ratio Lower Upper

96 100

61 130.4 91.0 169.0

68 0.0 0.0 0.0#





#34

Trichloroethene

Concen: 21.69 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025504.D

Acq: 18 Jul 2018 13:29

Instrument :

MSVOA_R

ClientSampleId :

C0AG1DL

Tot Ion: 95 Resp: 1082683

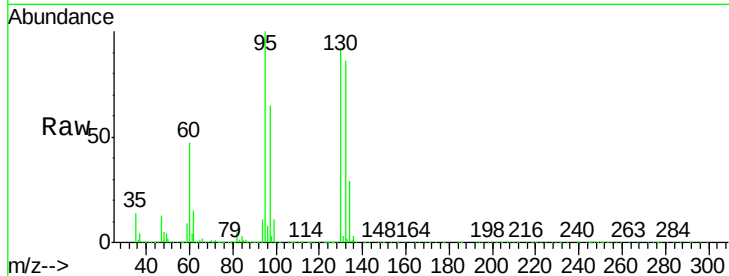
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.6

132 86.5 60.9 113.1

130 92.0 62.0 115.2

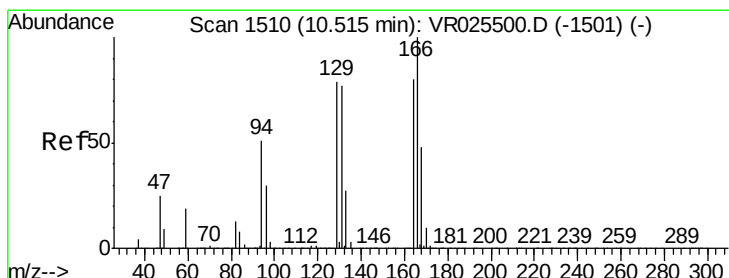
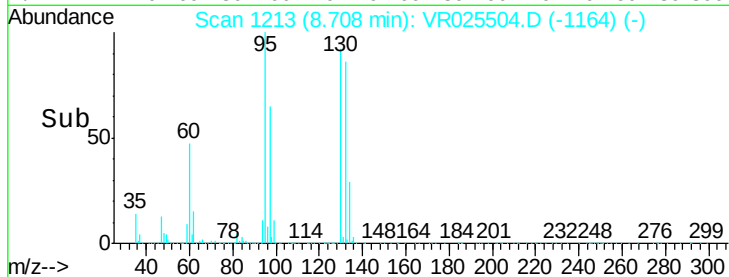
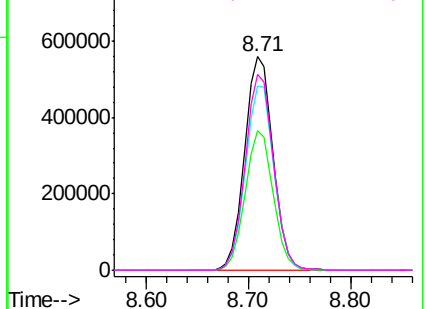


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 1.46 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VR025504.D

Acq: 18 Jul 2018 13:29

Tgt Ion:164 Resp: 47637

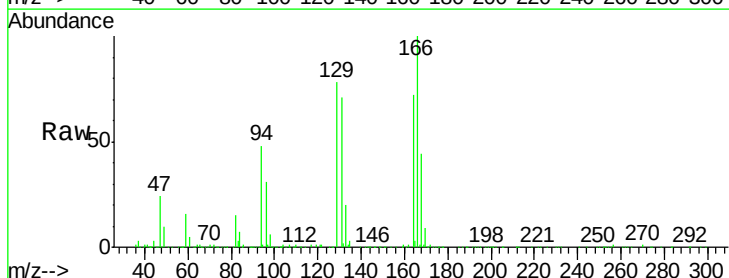
Ion Ratio Lower Upper

164 100

129 108.4 68.1 126.5

131 98.4 68.5 127.1

166 138.9 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

