

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071818\
 Data File : VR025512.D
 Acq On : 18 Jul 2018 18:52
 Operator : SY/MD
 Sample : J4002-04DL 1000X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG1DL2

Quant Time: Jul 19 06:35:05 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	605572	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	508485	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	160551	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	70032	4.20	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	2.63	69	57553	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	3.63	63	157415	3.11	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	6.59	46	169385	32.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.34%
24) Chloroform-d	7.21	84	348167	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
26) 1,2-Dichloroethane-d4	7.89	65	131464	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	7.86	84	732030	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	8.90	67	213383	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	9.97	98	635725	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	10.24	79	47379	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	10.59	63	195718	46.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	99003	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	145730	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

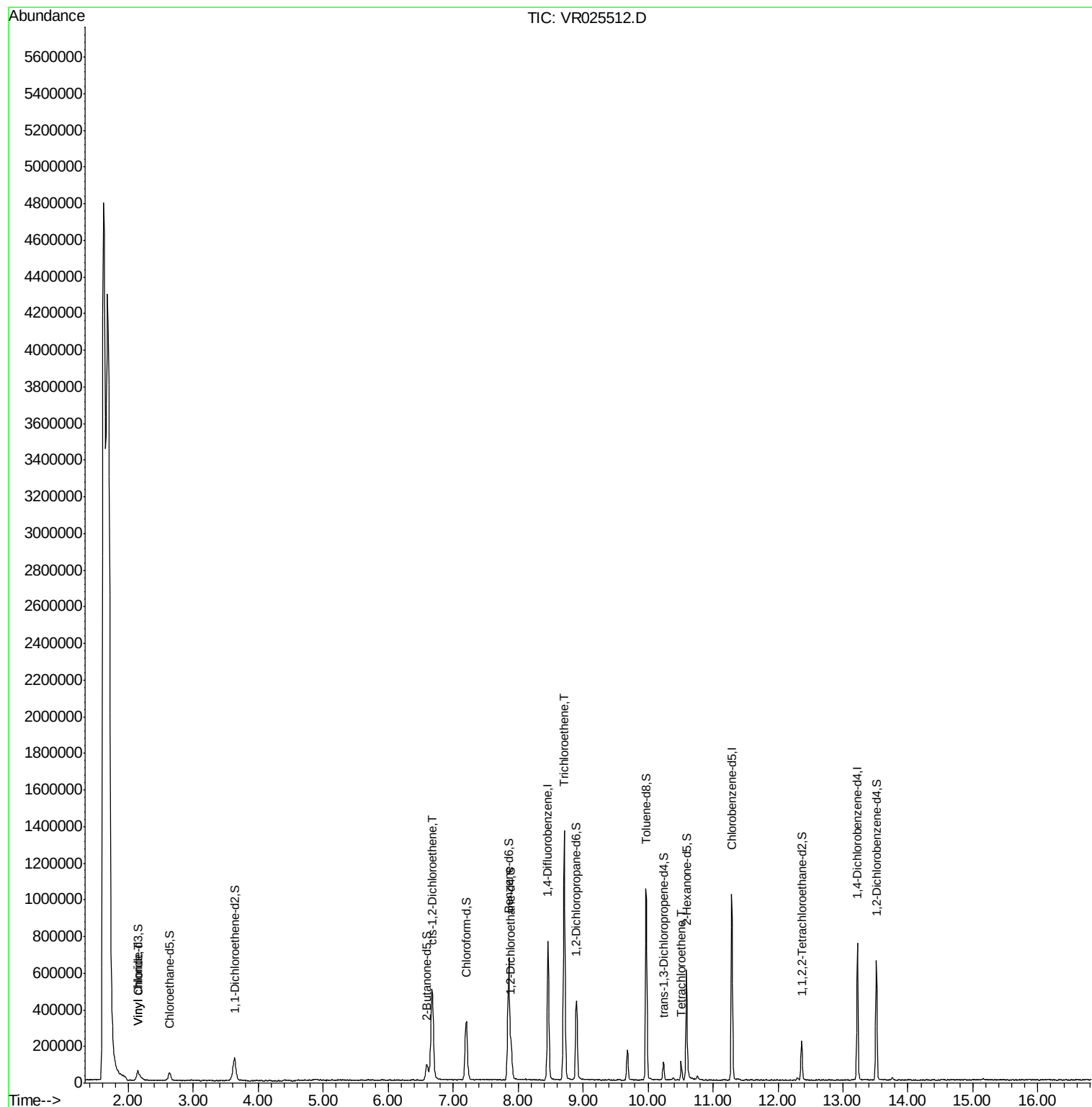
					Ovalue
5) Vinyl chloride	2.15	62	27071	1.49	ug/L 96
22) cis-1,2-Dichloroethene	6.68	96	325902	7.89	ug/L # 86
34) Trichloroethene	8.71	95	465144	10.42	ug/L 98
47) Tetrachloroethene	10.51	164	19602	0.67	ug/L 93

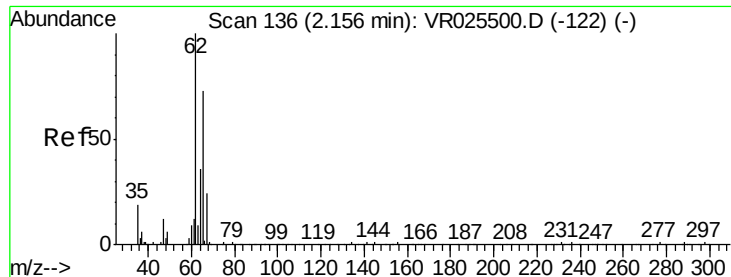
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.49 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

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Acq: 18 Jul 2018 18:52

Instrument :

MSVOA_R

ClientSampleId :

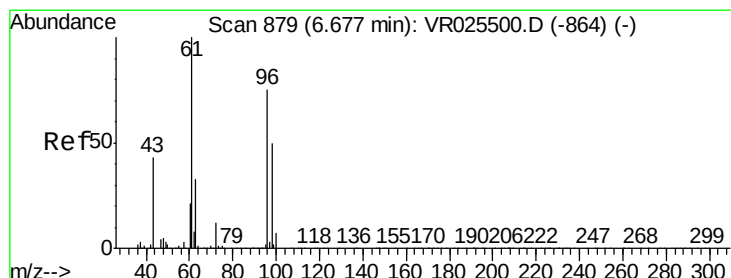
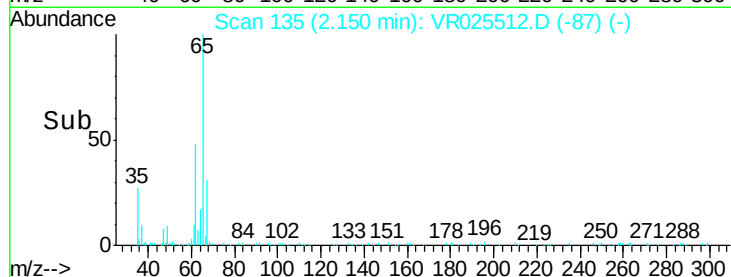
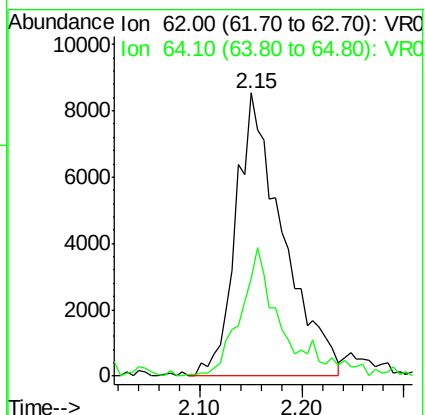
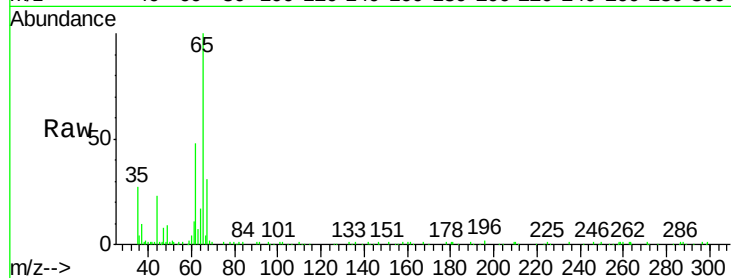
C0AG1DL2

Tot Ion: 62 Resp: 27071

Ion Ratio Lower Upper

62 100

64 34.6 22.8 42.4



#22

cis-1,2-Dichloroethene

Concen: 7.89 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.00 min

Lab File: VR025512.D

Acq: 18 Jul 2018 18:52

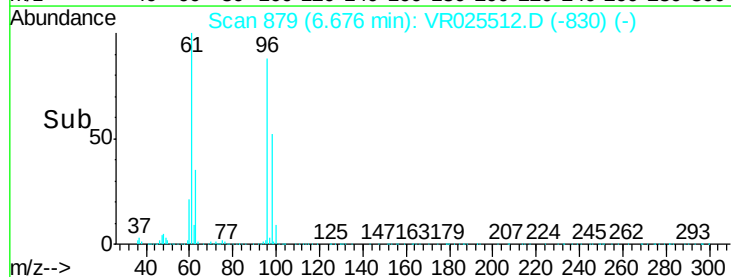
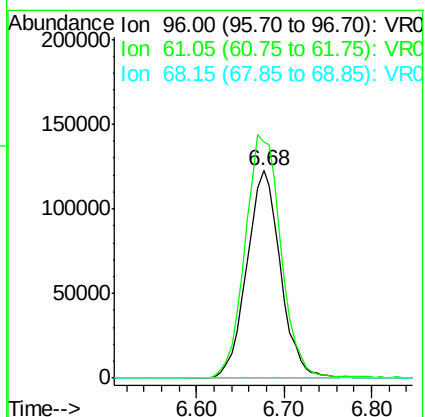
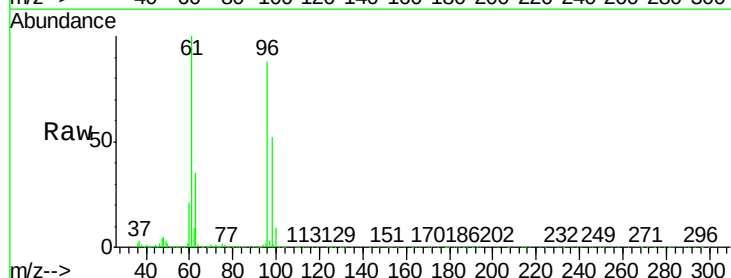
Tgt Ion: 96 Resp: 325902

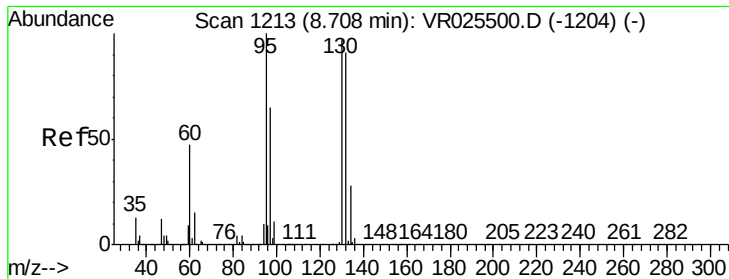
Ion Ratio Lower Upper

96 100

61 113.8 91.0 169.0

68 0.2 0.0 0.0#





#34

Trichloroethene

Concen: 10.42 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025512.D

Acq: 18 Jul 2018 18:52

Instrument :

MSVOA_R

ClientSampleId :

C0AG1DL2

Tot Ion: 95 Resp: 465144

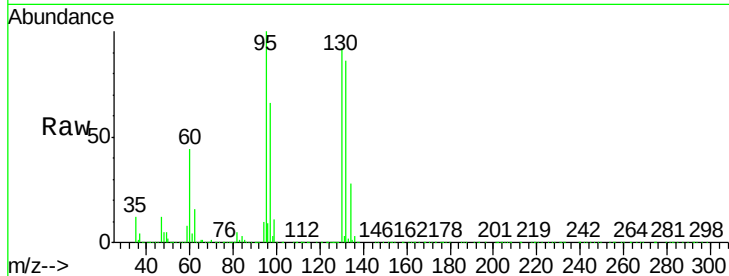
Ion Ratio Lower Upper

95 100

97 66.1 45.6 84.6

132 85.7 60.9 113.1

130 92.1 62.0 115.2



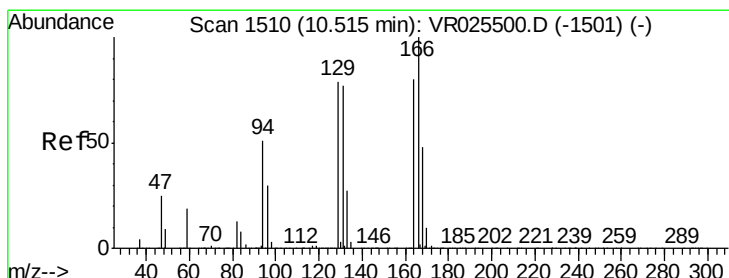
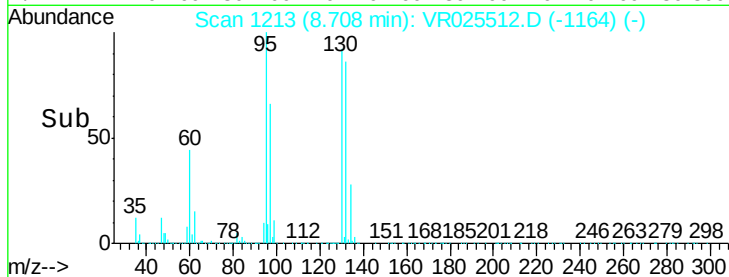
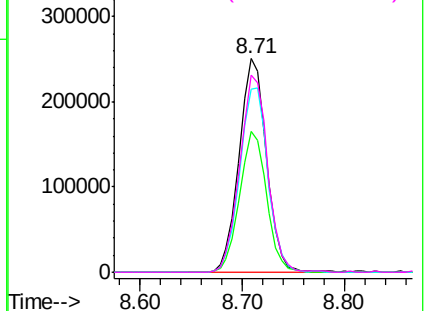
Abundance

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: 0.67 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VR025512.D

Acq: 18 Jul 2018 18:52

Tgt Ion:164 Resp: 19602

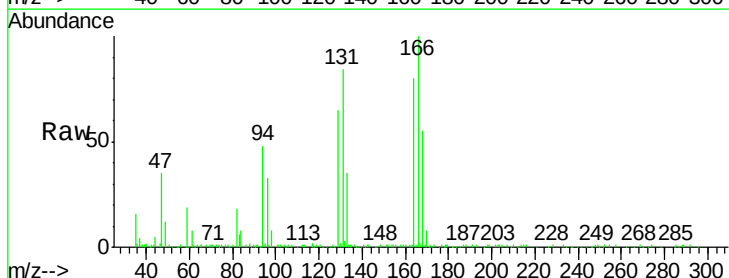
Ion Ratio Lower Upper

164 100

129 81.3 68.1 126.5

131 105.2 68.5 127.1

166 128.5 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

