

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071818\
 Data File : VR025513.D
 Acq On : 18 Jul 2018 19:24
 Operator : SY/MD
 Sample : J4002-06DL 8X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG4DL

Quant Time: Jul 19 05:18:56 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	8.47	114	619528	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	524010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	169357	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	71664	4.20	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	2.63	69	61773	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	3.63	63	162359	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	6.59	46	155106	29.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.48%
24) Chloroform-d	7.20	84	342224	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	7.90	65	125941	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	7.86	84	720789	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	8.90	67	207421	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.60%
41) Toluene-d8	9.97	98	638738	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	10.24	79	45332	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	10.59	63	192920	44.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	96013	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	151509	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

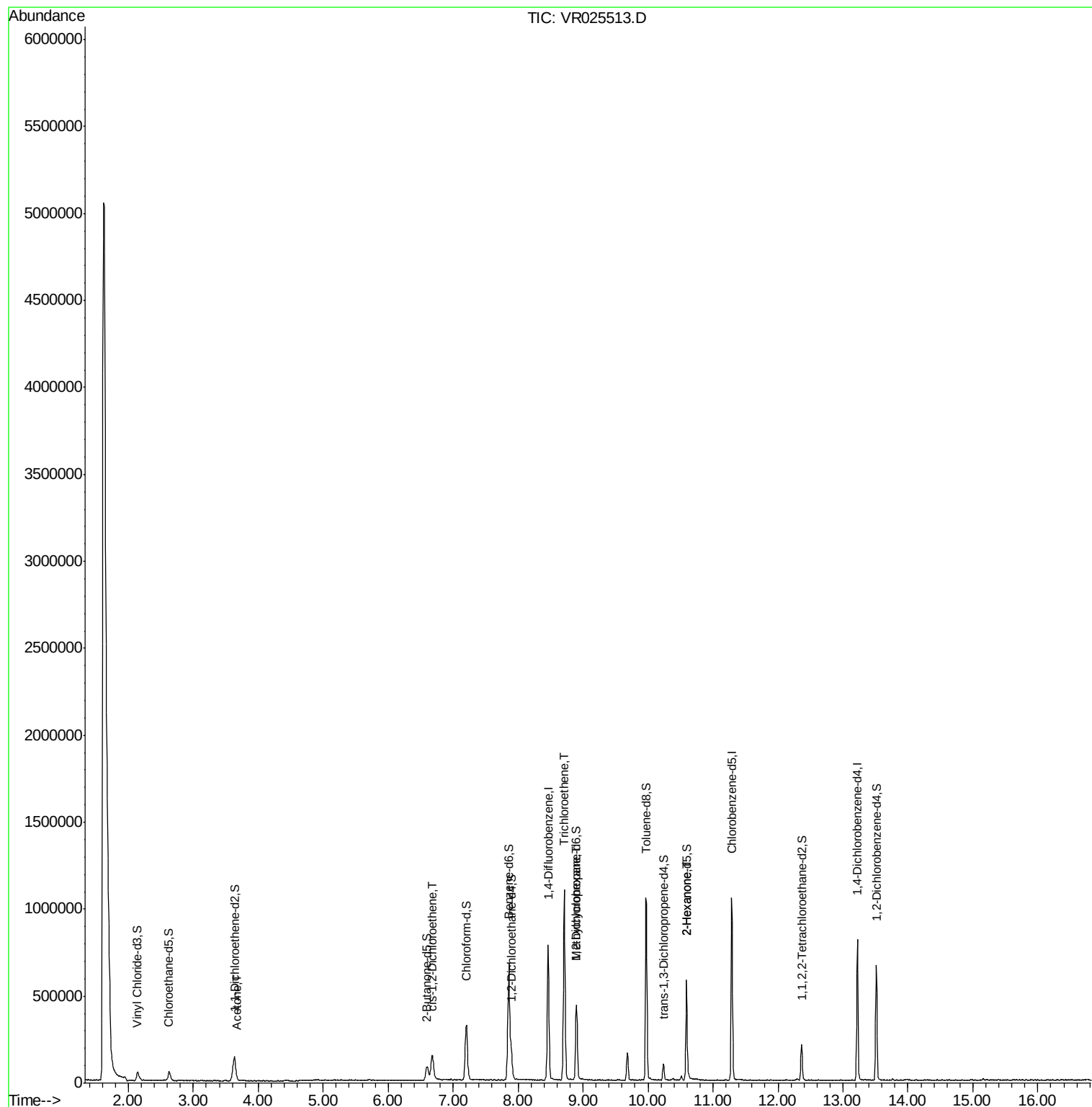
					Qvalue
13) Acetone	3.67	43	491	0.205 ug/L	89
22) cis-1,2-Dichloroethene	6.68	96	85163	2.014 ug/L #	99
34) Trichloroethene	8.71	95	387163	8.420 ug/L	98
35) Methylcyclohexane	8.90	83	48568	0.790 ug/L #	18
48) 2-Hexanone	10.59	43	23117	2.762 ug/L #	68

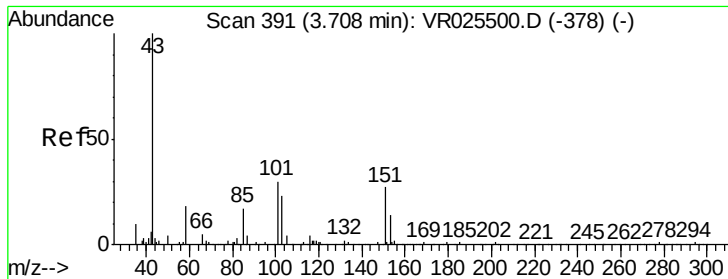
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.205 ug/L

RT: 3.67 min Scan# 385

Delta R.T. -0.04 min

Lab File: VR025513.D

Acq: 18 Jul 2018 19:24

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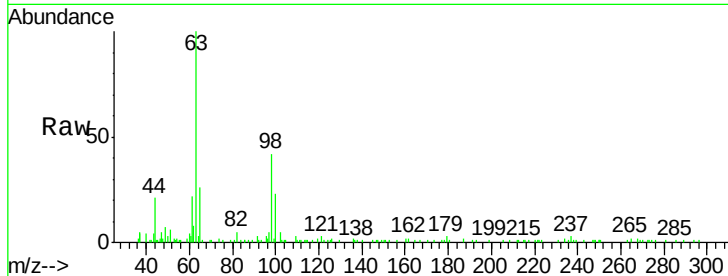
C0AG4DL

Tgt Ion: 43 Resp: 491

Ion Ratio Lower Upper

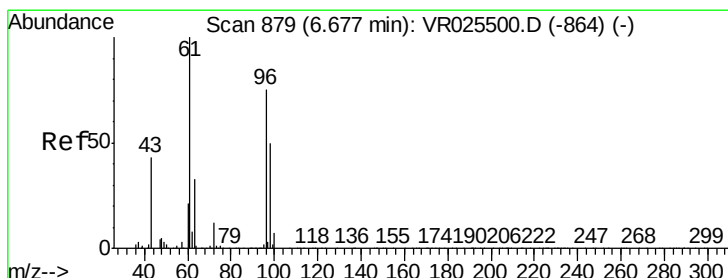
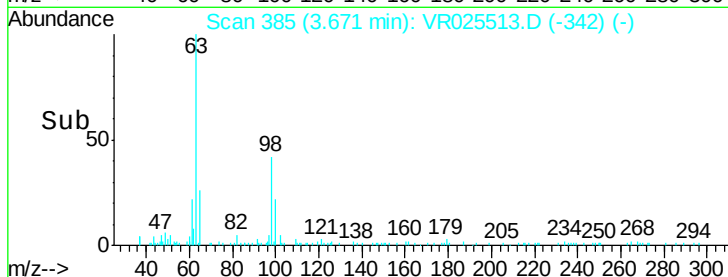
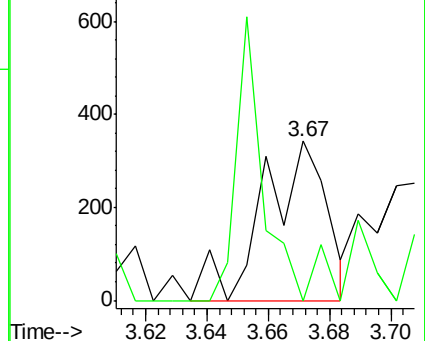
43 100

58 26.1 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 2.014 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.00 min

Lab File: VR025513.D

Acq: 18 Jul 2018 19:24

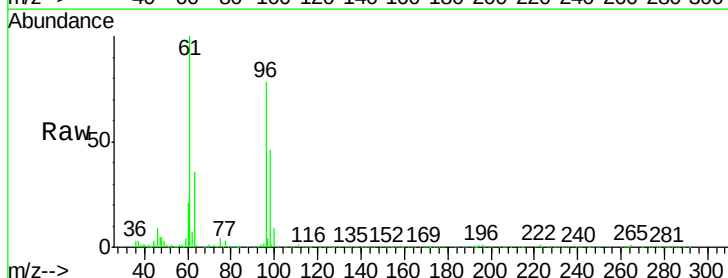
Tgt Ion: 96 Resp: 85163

Ion Ratio Lower Upper

96 100

61 128.7 91.0 169.0

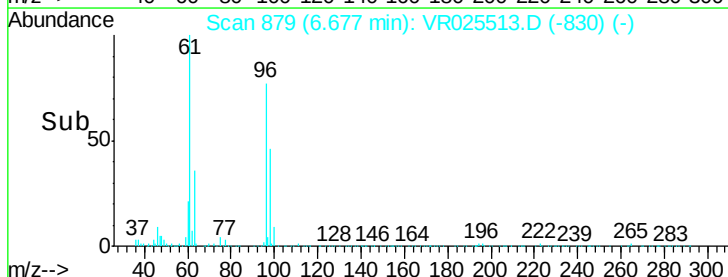
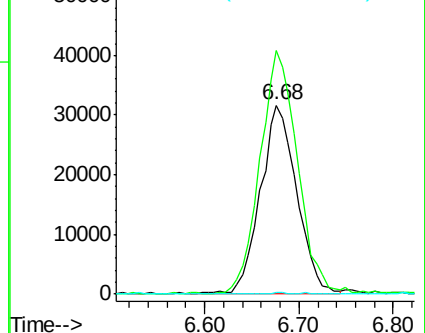
68 0.6 0.0 0.0#

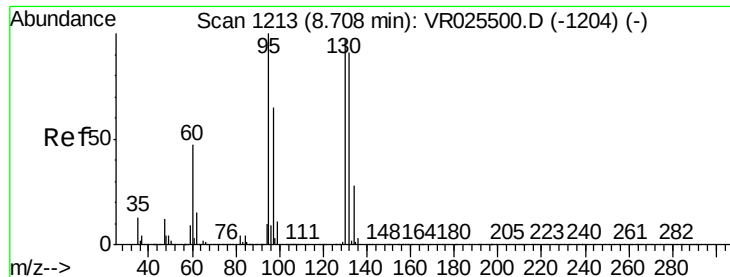


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 8.420 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

C0AG4DL

Tgt Ion: 95 Resp: 387163

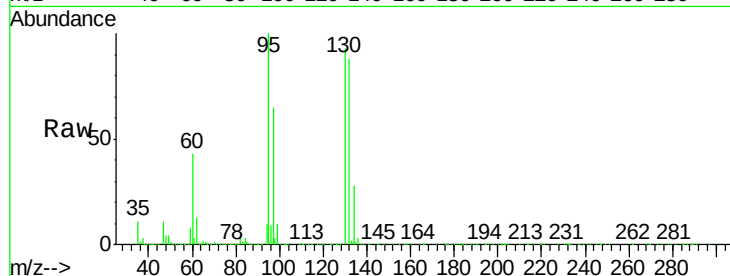
Ion Ratio Lower Upper

95 100

97 64.8 45.6 84.6

132 87.9 60.9 113.1

130 92.7 62.0 115.2

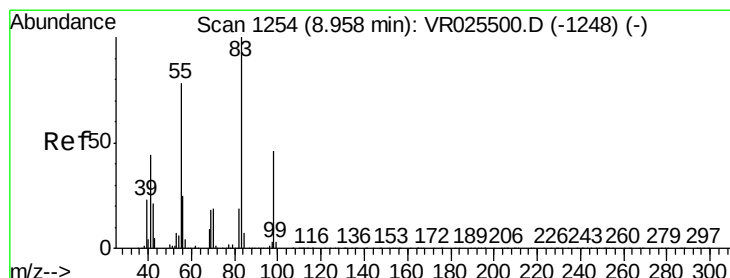
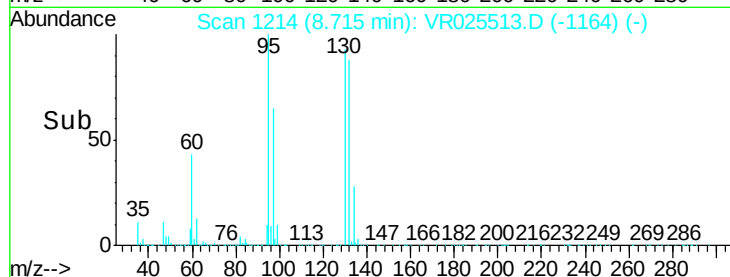
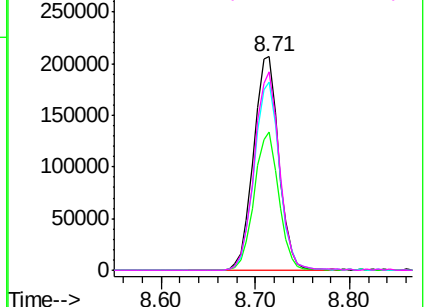


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#35

Methylcyclohexane

Concen: 0.790 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025513.D

Acq: 18 Jul 2018 19:24

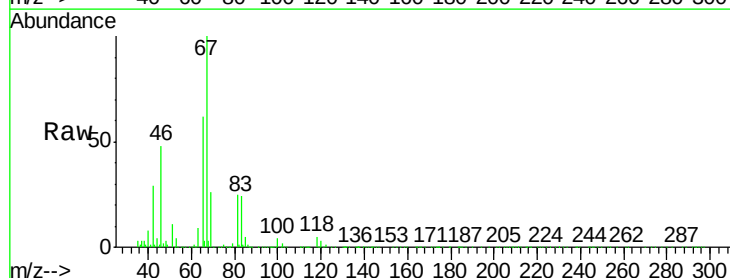
Tgt Ion: 83 Resp: 48568

Ion Ratio Lower Upper

83 100

55 1.1 66.1 99.1#

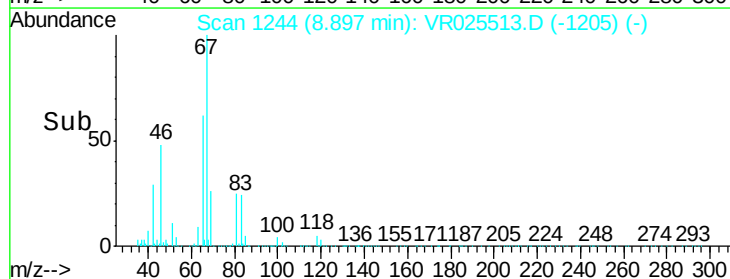
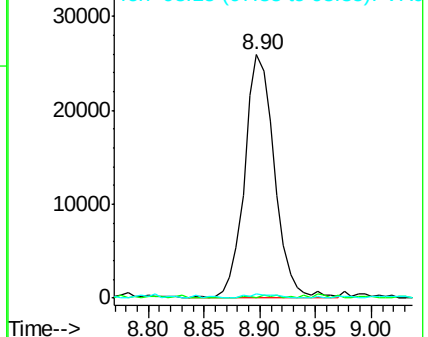
98 1.6 36.2 54.4#

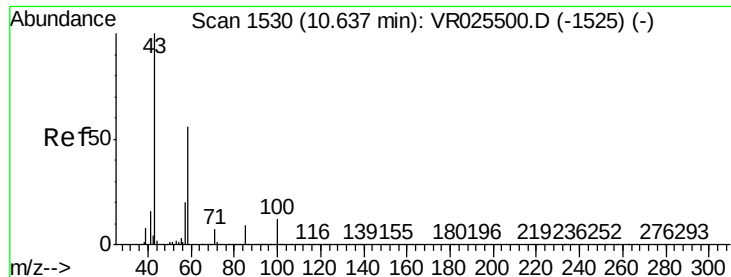


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#48
 2-Hexanone
 Concen: 2.762 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
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Instrument :
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Tgt Ion: 43 Resp: 23117
 Ion Ratio Lower Upper
 43 100
 58 30.4 43.1 64.7#
 57 37.8 15.3 22.9#
 100 5.3 7.9 11.9#

