

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
 Data File : VR025659.D
 Acq On : 29 Aug 2018 17:38
 Operator : SY/MD
 Sample : J4633-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DB3J9

Quant Time: Aug 30 06:44:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 06:43:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	418358	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	350983	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	106819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	110181	4.04	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	2.62	69	94496	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	3.63	63	195288	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	6.60	46	137066	66.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.12%#
24) Chloroform-d	7.20	84	212082	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	7.89	65	77742	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	7.86	84	476275	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	8.90	67	142079	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	406009	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	10.24	79	28815	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	10.59	63	134473	59.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62168	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	94255	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

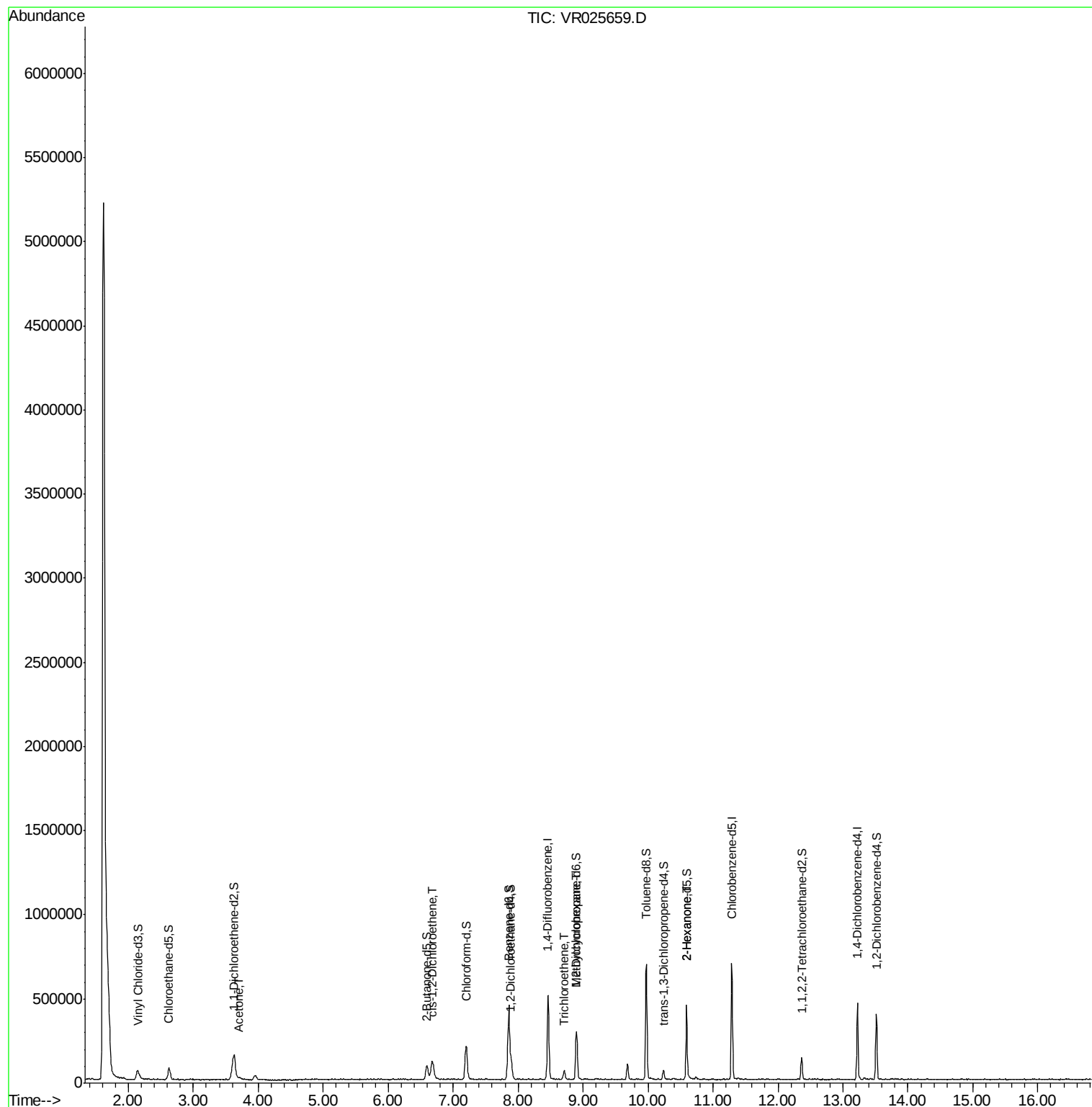
					Qvalue
13) Acetone	3.70	43	20993	16.239 ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	61953	2.078 ug/L #	89
34) Trichloroethene	8.71	95	18781	0.640 ug/L	83
35) Methylcyclohexane	8.90	83	30234	0.633 ug/L #	23
48) 2-Hexanone	10.59	43	15729	3.311 ug/L #	65

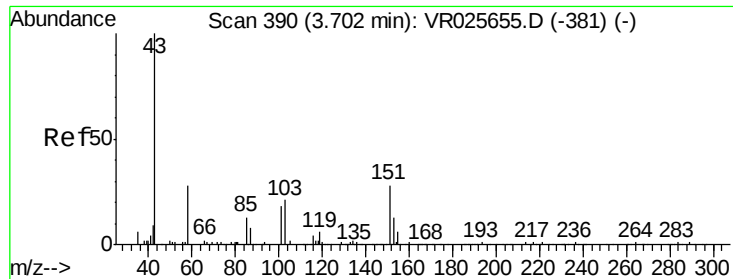
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.239 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

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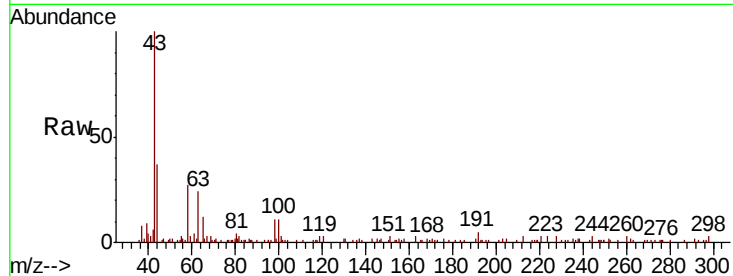
DB3J9

Tgt Ion: 43 Resp: 20993

Ion Ratio Lower Upper

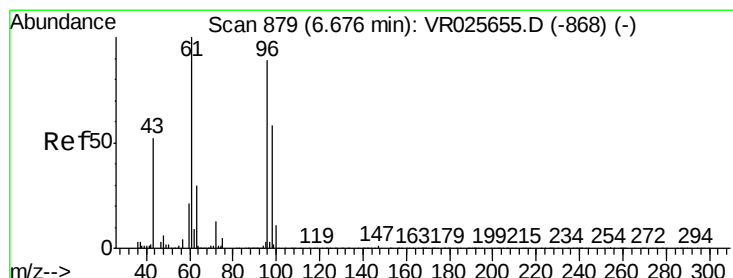
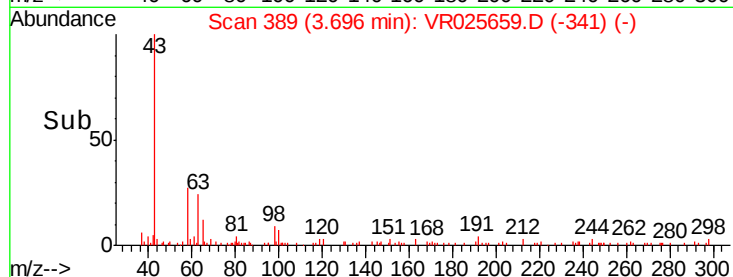
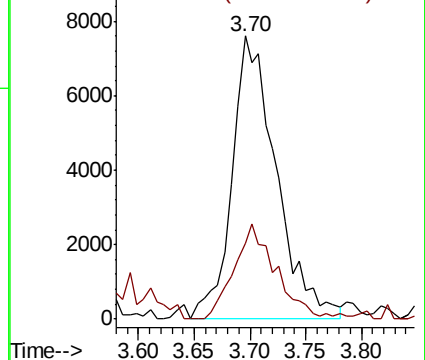
43 100

58 31.0 0.0 63.4



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: 2.078 ug/L

RT: 6.67 min Scan# 878

Delta R.T. -0.01 min

Lab File: VR025659.D

Acq: 29 Aug 2018 17:38

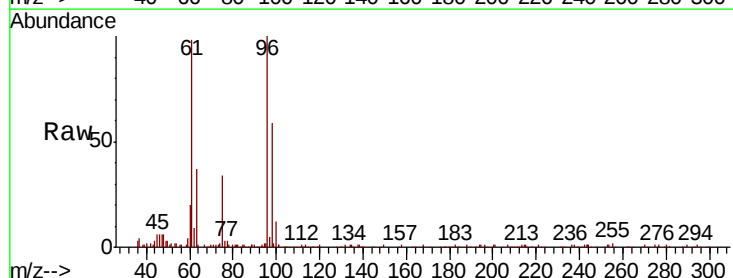
Tgt Ion: 96 Resp: 61953

Ion Ratio Lower Upper

96 100

61 98.2 76.7 142.5

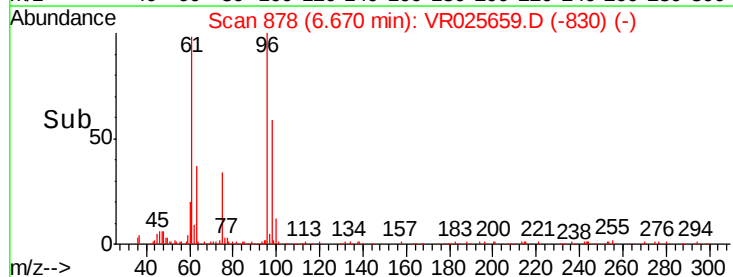
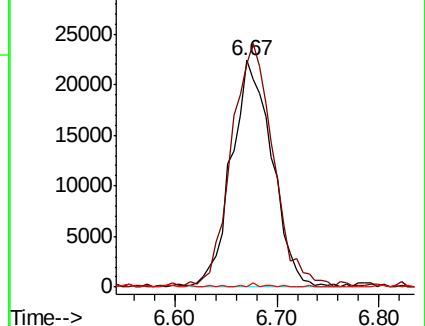
68 0.5 0.1 0.3#

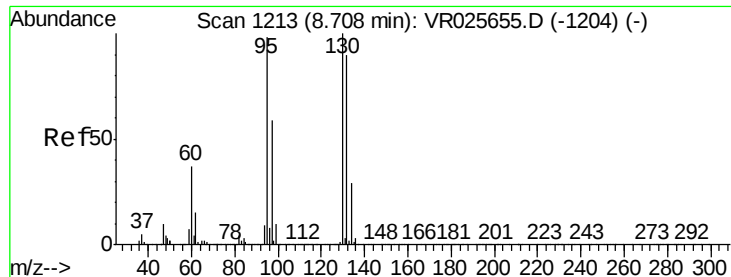


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 0.640 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

DB3J9

Tgt Ion: 95 Resp: 18781

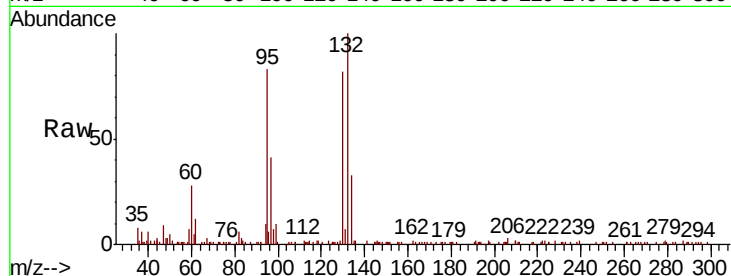
Ion Ratio Lower Upper

95 100

97 46.4 45.7 84.9

132 113.0 66.6 123.6

130 92.6 72.2 134.0

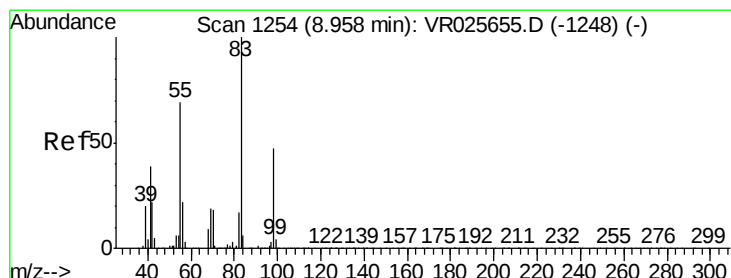
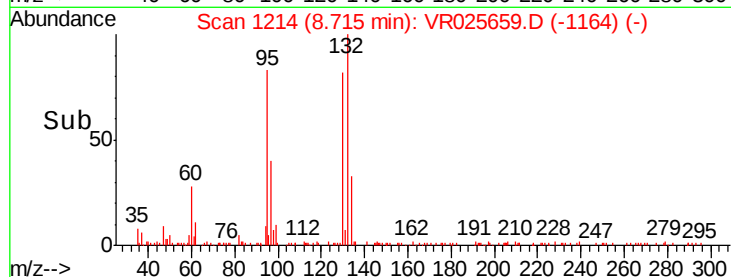
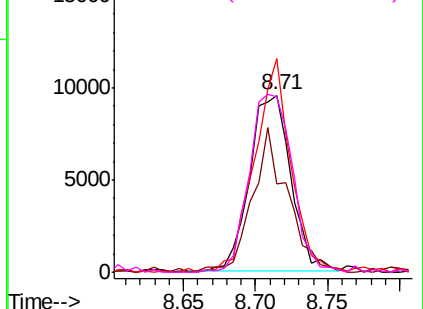


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.633 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025659.D

Acq: 29 Aug 2018 17:38

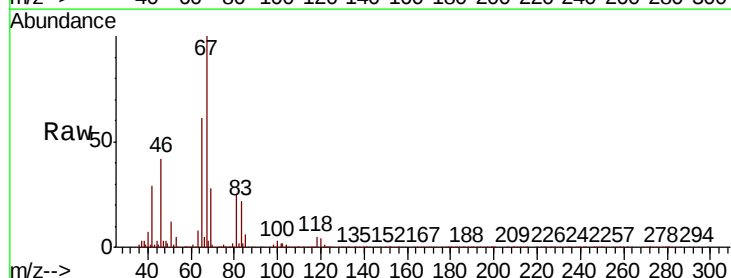
Tgt Ion: 83 Resp: 30234

Ion Ratio Lower Upper

83 100

55 0.9 56.7 85.1#

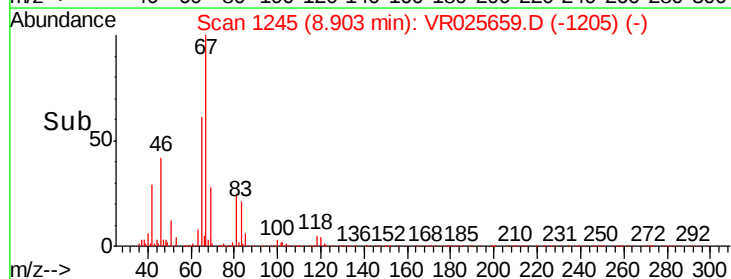
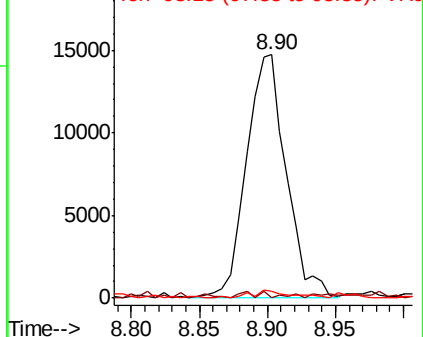
98 3.3 35.8 53.8#

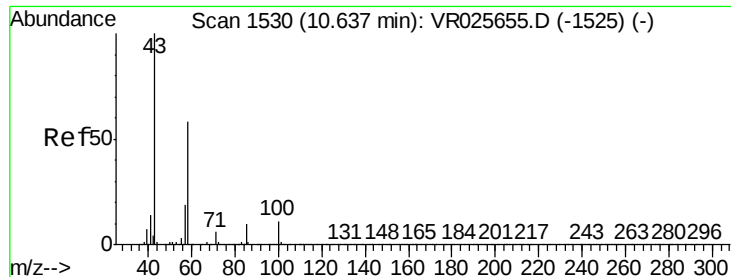


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#48

2-Hexanone

Concen: 3.311 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

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Instrument :

MSVOA_R

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Tgt Ion: 43 Resp: 15729

Ion Ratio Lower Upper

43 100

58 29.6 46.4 69.6#

57 34.7 14.3 21.5#

100 7.4 8.8 13.2#

