

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR082918\
 Data File : VR025661.D
 Acq On : 29 Aug 2018 18:49
 Operator : SY/MD
 Sample : J4633-08
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DB3K2

Quant Time: Aug 30 06:44:40 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	8.46	114	386597	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	339934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	97886	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	103639	4.12	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	2.63	69	88760	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	3.63	63	175361	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	6.60	46	128672	67.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.20%#
24) Chloroform-d	7.20	84	193823	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	7.89	65	73251	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	7.86	84	431743	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
36) 1,2-Dichloropropane-d6	8.90	67	132845	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	9.97	98	376238	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	10.24	79	24807	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	10.59	63	131775	60.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59660	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	88650	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

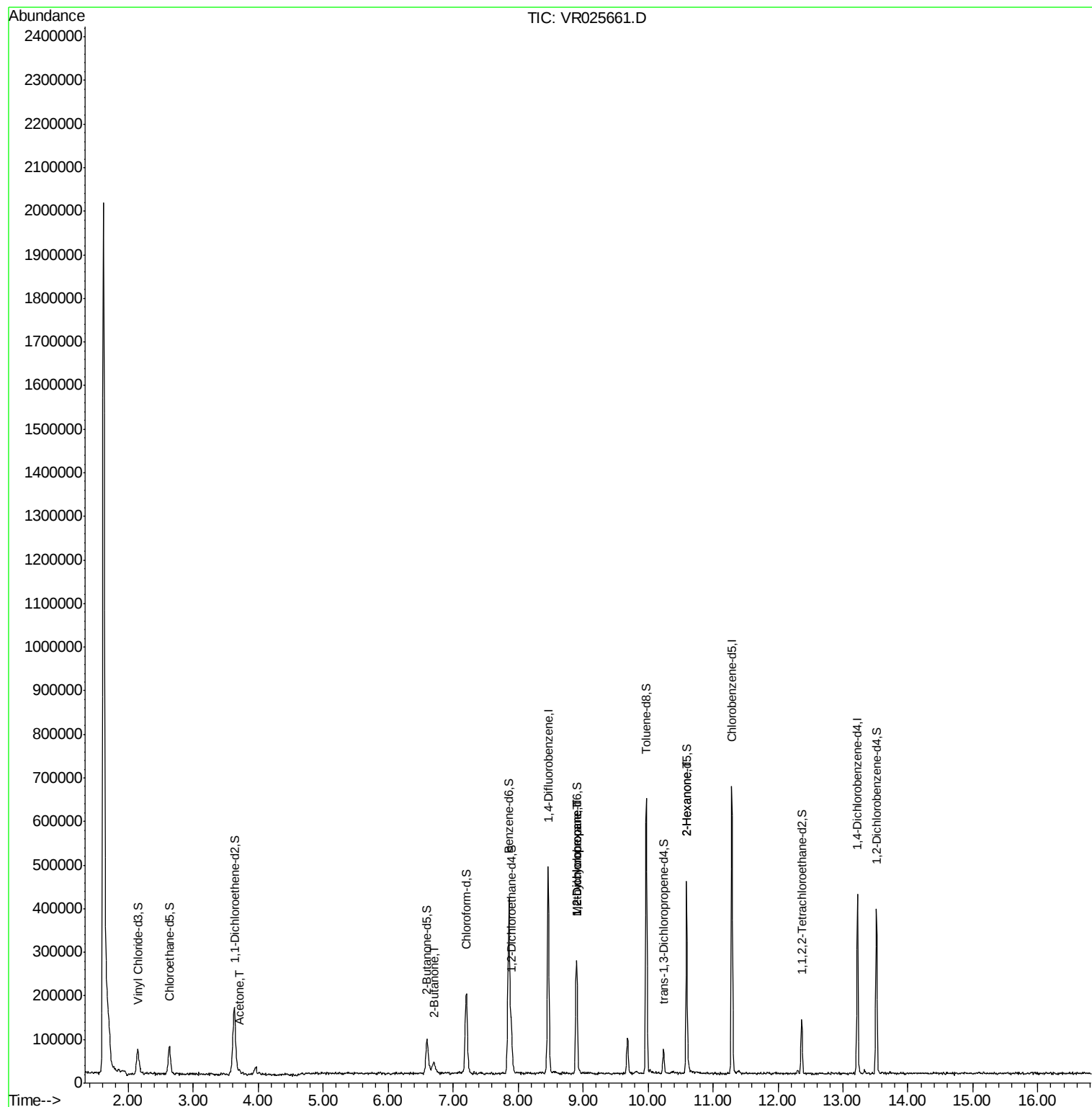
					Qvalue
13) Acetone	3.71	43	10374	8.684	ug/L 83
21) 2-Butanone	6.69	43	1314	0.558	ug/L 100
35) Methylcyclohexane	8.90	83	28854	0.624	ug/L # 23
37) 1,2-Dichloropropane	8.90	63	12555	0.461	ug/L # 96
48) 2-Hexanone	10.59	43	14850	3.227	ug/L # 66

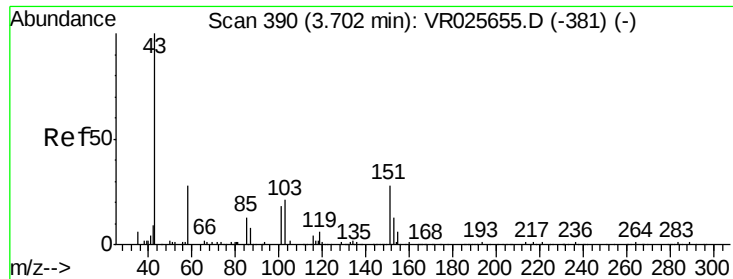
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.684 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025661.D

Acq: 29 Aug 2018 18:49

Instrument :

MSVOA_R

ClientSampled :

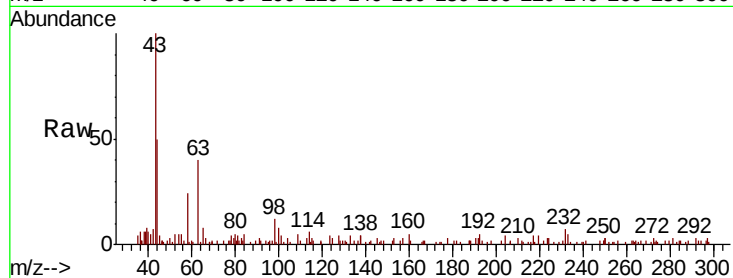
DB3K2

Tgt Ion: 43 Resp: 10374

Ion Ratio Lower Upper

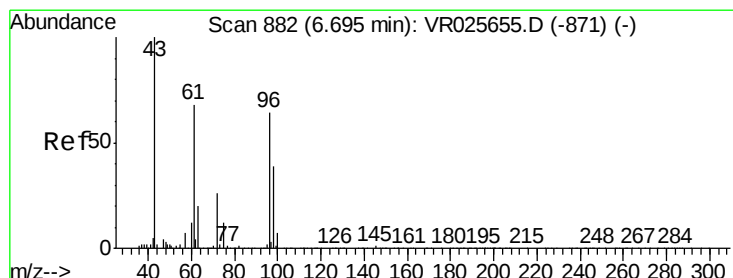
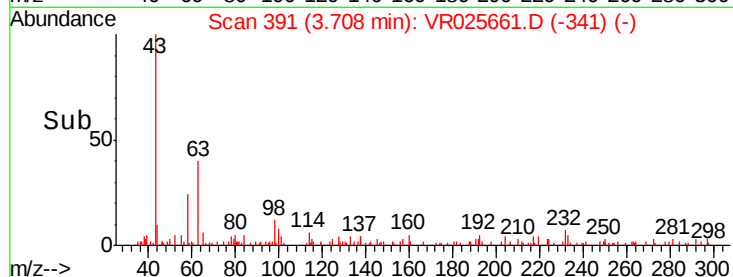
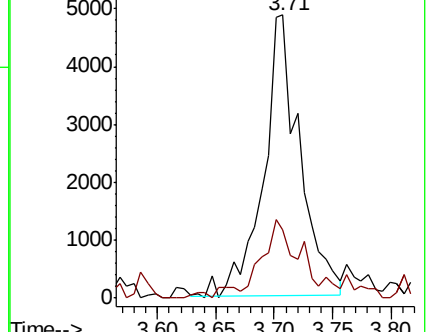
43 100

58 22.4 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.558 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.00 min

Lab File: VR025661.D

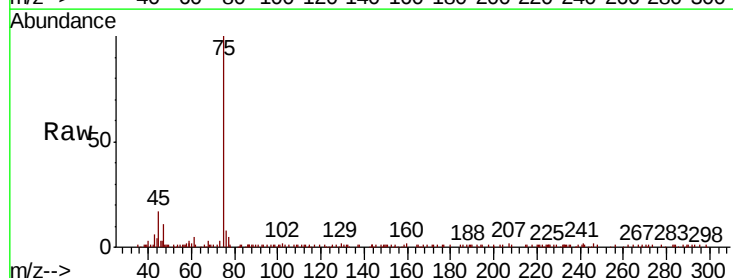
Acq: 29 Aug 2018 18:49

Tgt Ion: 43 Resp: 1314

Ion Ratio Lower Upper

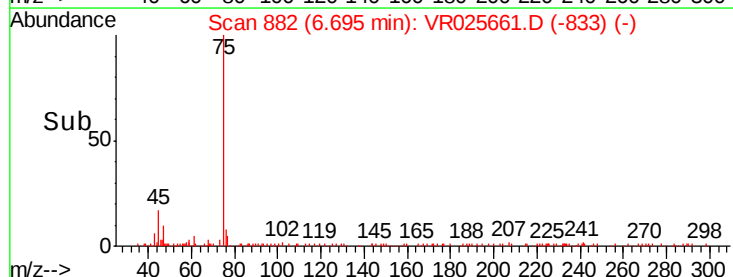
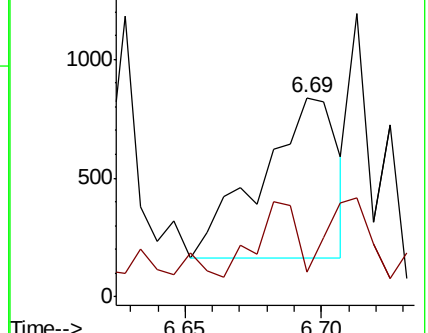
43 100

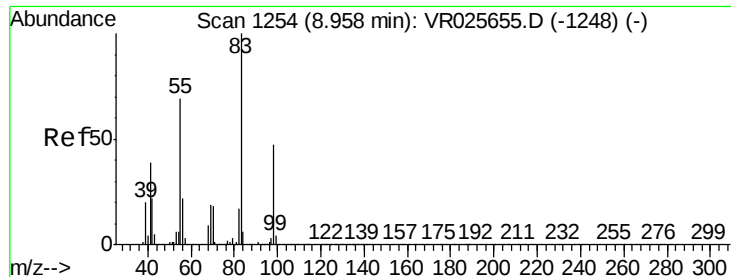
72 28.5 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

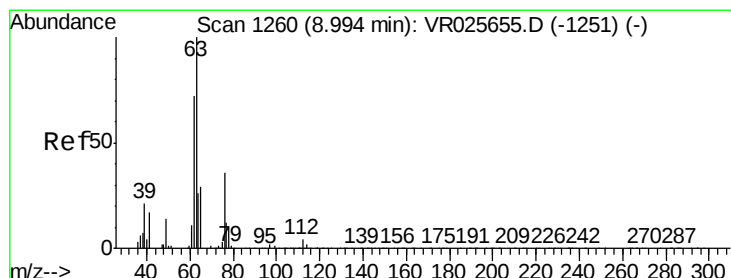
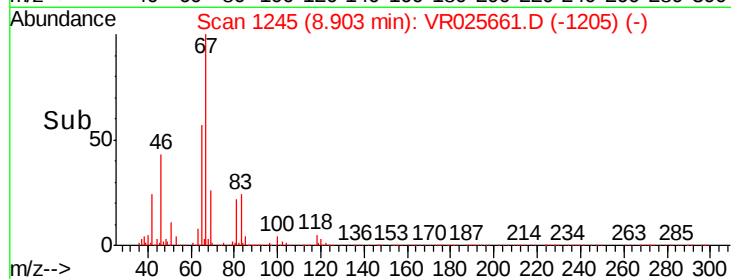
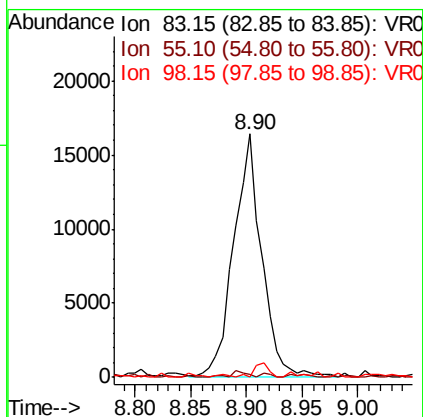
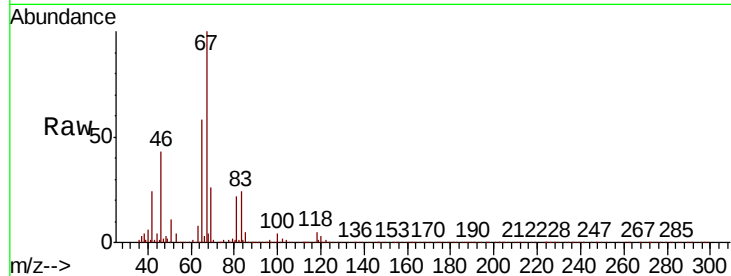




#35
Methylcyclohexane
Concen: 0.624 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025661.D
Acq: 29 Aug 2018 18:49

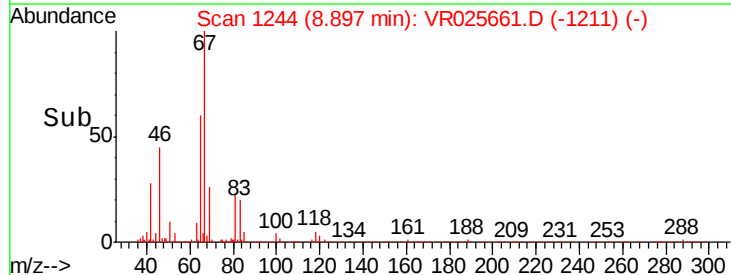
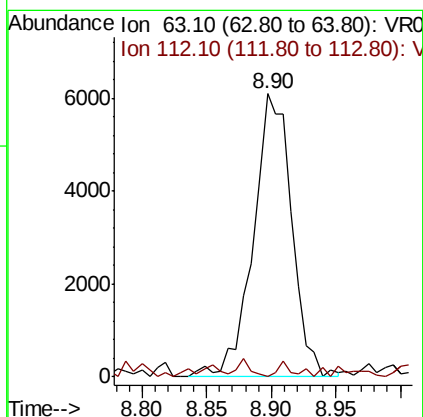
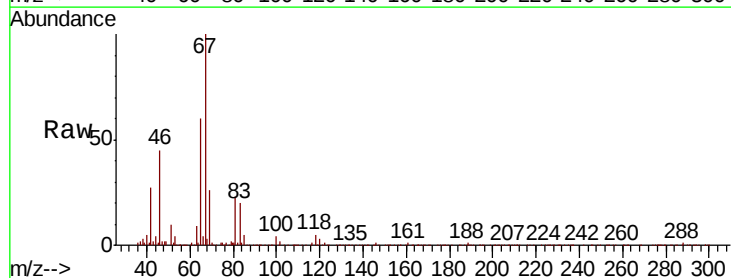
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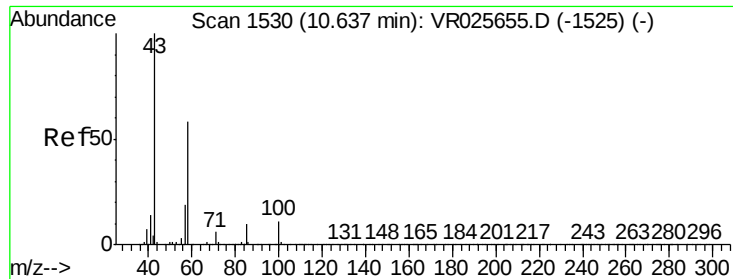
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	56.7	85.1#
98	2.9	35.8	53.8#



#37
1,2-Dichloropropane
Concen: 0.461 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025661.D
Acq: 29 Aug 2018 18:49

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.7	2.5	3.7#





#48

2-Hexanone

Concen: 3.227 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025661.D

Acq: 29 Aug 2018 18:49

Instrument :

MSVOA_R

ClientSampleId :

DB3K2

Tgt Ion: 43 Resp: 14850

Ion Ratio Lower Upper

43 100

58 32.4 46.4 69.6#

57 39.1 14.3 21.5#

100 9.0 8.8 13.2

