

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025675.D
 Acq On : 5 Sep 2018 18:12
 Operator : SY/MD
 Sample : J4750-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0SY3

Quant Time: Sep 06 03:37:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	455507	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	382273	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	111468	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	123531	4.16	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	2.62	69	112626	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	3.62	63	230909	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	6.60	46	121307	53.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.38%
24) Chloroform-d	7.20	84	237982	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	7.89	65	84796	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	7.86	84	575363	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	8.90	67	161913	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	9.97	98	511420	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	10.24	79	28590	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	10.59	63	139319	56.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64685	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	113273	6.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.20%#

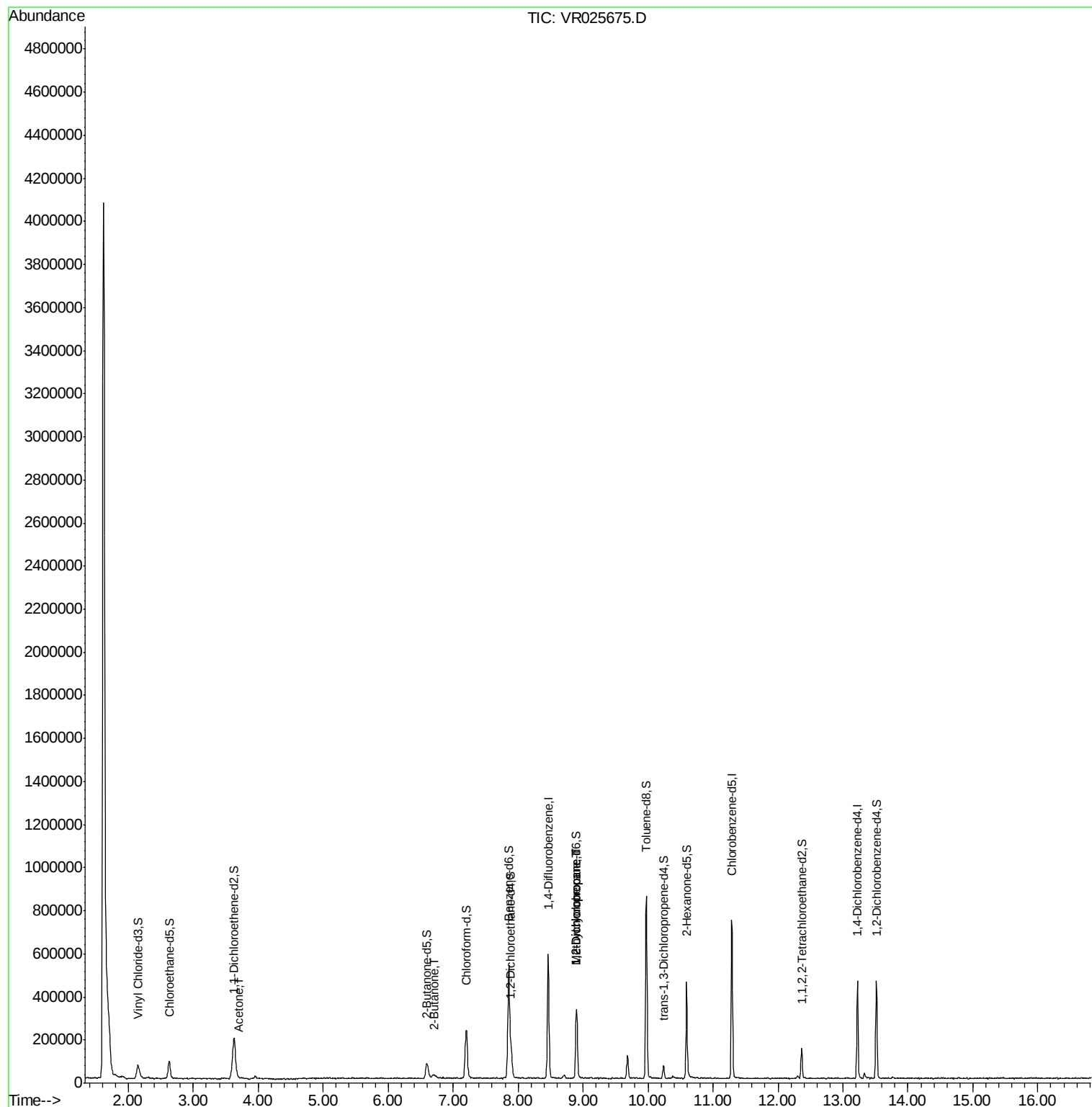
Target Compounds					Ovalue
13) Acetone	3.71	43	4004	2.84 ug/L	73
21) 2-Butanone	6.69	43	1390	0.50 ug/L	80
35) Methylcyclohexane	8.90	83	35284	0.68 ug/L #	23
37) 1,2-Dichloropropane	8.90	63	16205	0.53 ug/L #	96

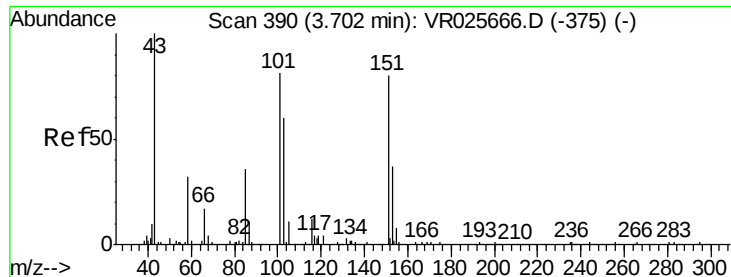
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.84 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

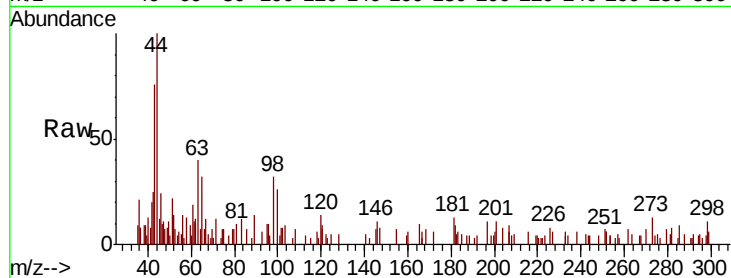
C0SY3

Tot Ion: 43 Resp: 4004

Ion Ratio Lower Upper

43 100

58 16.6 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

1500

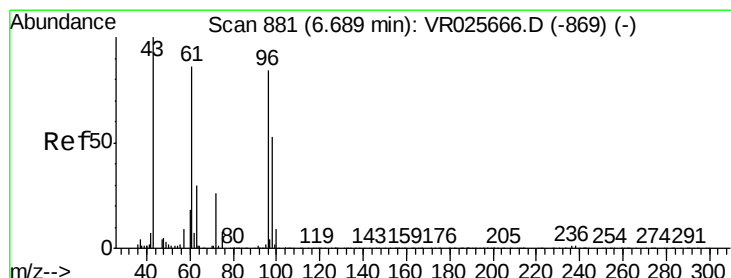
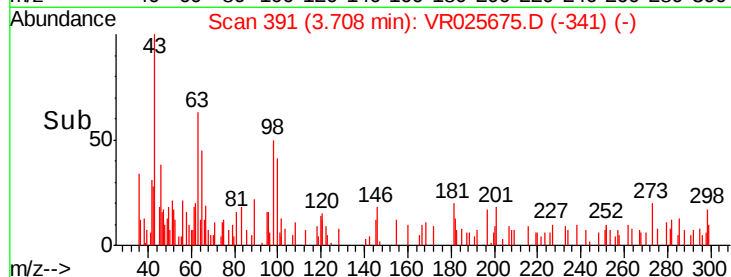
1000

500

0

3.65 3.70 3.75 3.80

Time-->



#21

2-Butanone

Concen: 0.50 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

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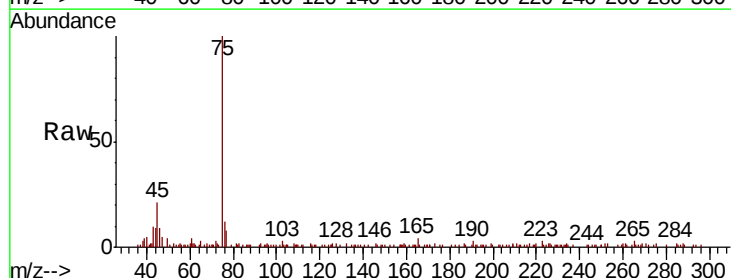
Acq: 5 Sep 2018 18:12

Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

43 100

72 17.9 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

1000

800

600

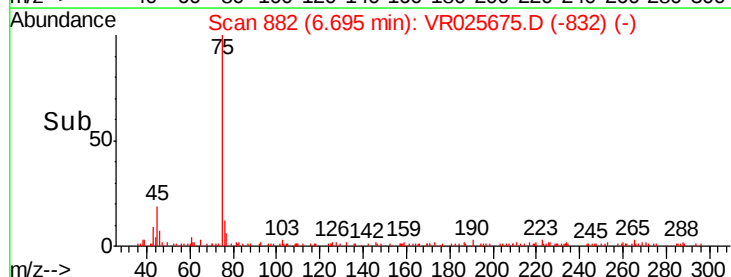
400

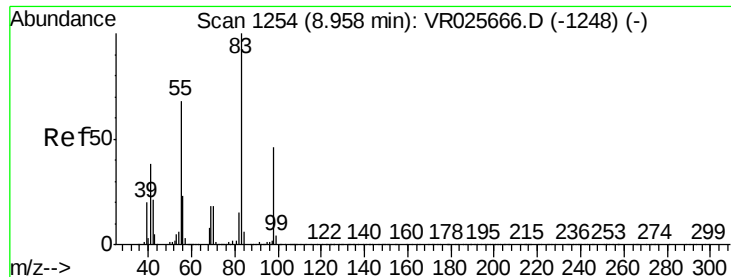
200

0

6.70 6.75

Time-->

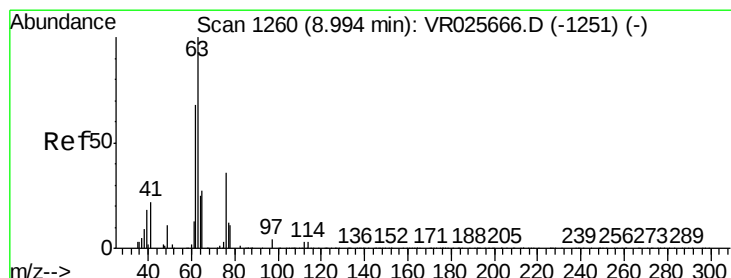
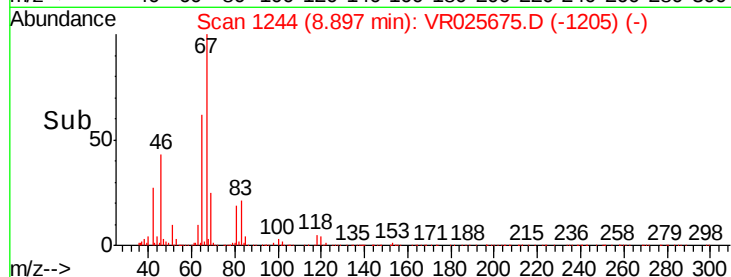
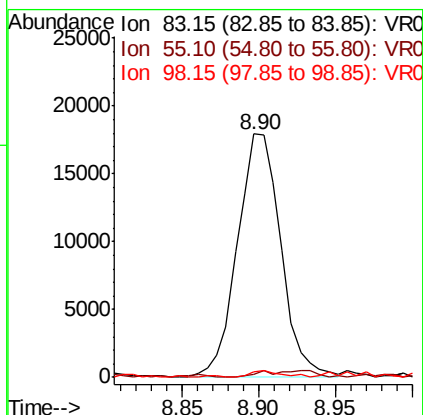
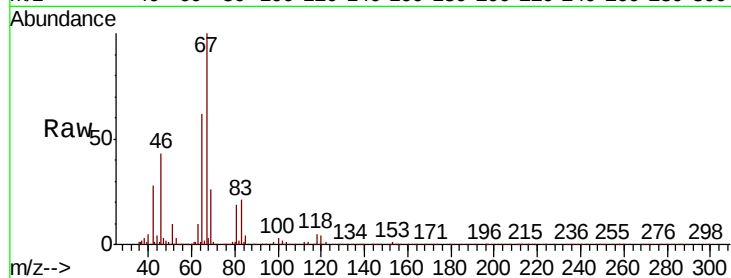




#35
Methvlcvclohexane
Concen: 0.68 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
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Tot Ion	Ratio	Lower	Upper
83	100		
55	1.2	56.7	85.1#
98	2.0	35.8	53.8#



#37
1,2-Dichloropropane
Concen: 0.53 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025675.D
Acq: 5 Sep 2018 18:12

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.9	2.5	3.7#

