

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
 Data File : VR025376.D
 Acq On : 20 Jun 2018 12:11
 Operator : SY/MD
 Sample : VR0620WBL01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK86

Quant Time: Jun 21 01:41:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 21 01:40:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	623853	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	510795	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	168895	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	98532	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	2.64	69	72673	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	3.63	63	200992	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	6.59	46	254786	44.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.46%
24) Chloroform-d	7.20	84	372825	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	7.89	65	147746	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.86	84	835917	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	8.90	67	232981	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	9.97	98	737335	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	10.24	79	45238	3.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.00%
46) 2-Hexanone-d5	10.59	63	206394	45.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93158	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	148062	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

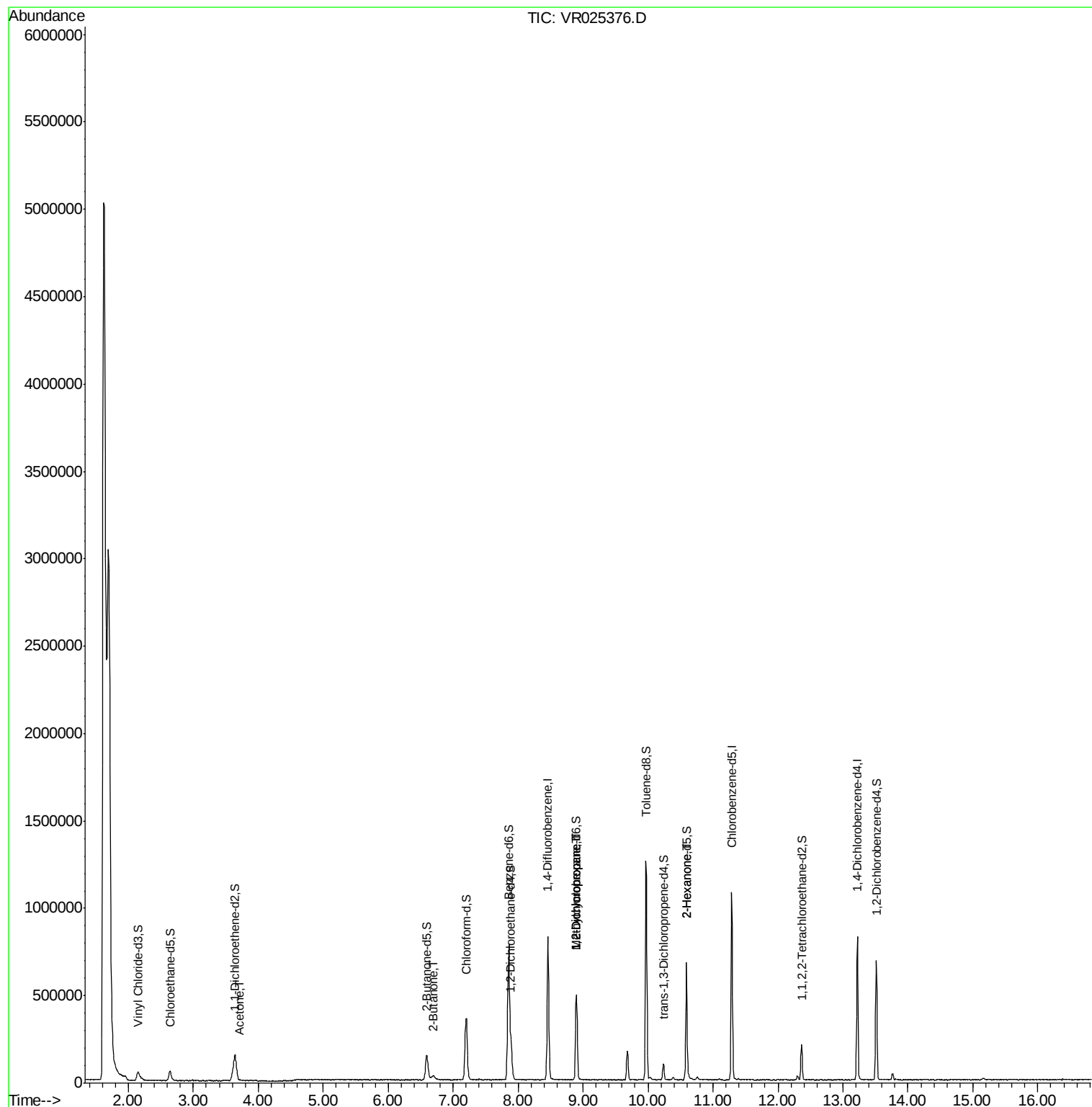
					Qvalue
13) Acetone	3.71	43	765	0.297 ug/L	75
21) 2-Butanone	6.69	43	1749	0.288 ug/L	82
35) Methylcyclohexane	8.90	83	52026	0.679 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24242	0.544 ug/L #	94
48) 2-Hexanone	10.59	43	24973	2.715 ug/L #	67

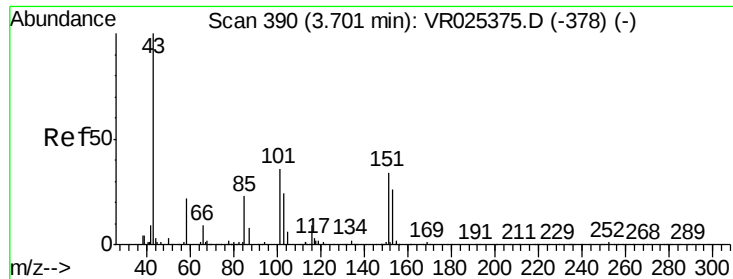
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.297 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025376.D

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Instrument :

MSVOA_R

ClientSampleId :

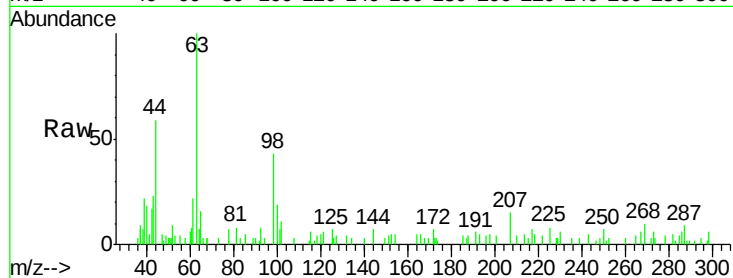
VBLK86

Tgt Ion: 43 Resp: 765

Ion Ratio Lower Upper

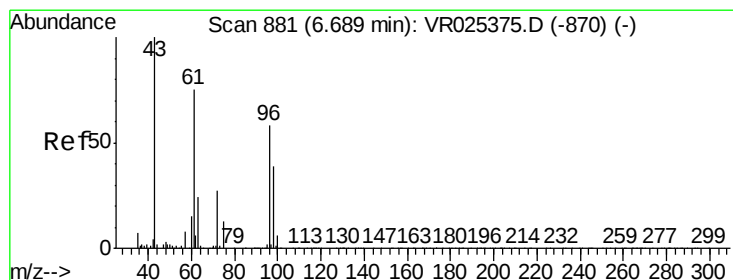
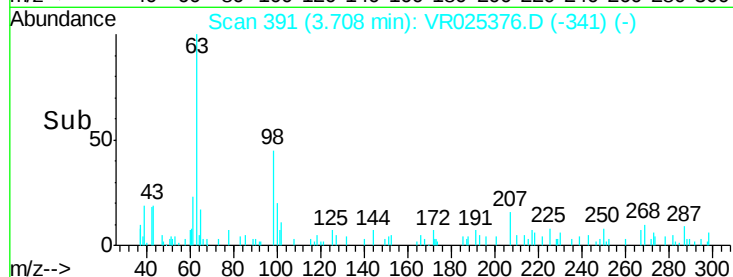
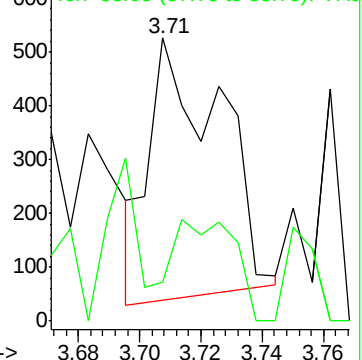
43 100

58 32.4 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.288 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025376.D

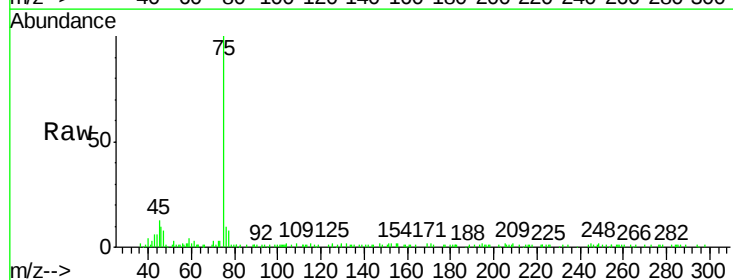
Acq: 20 Jun 2018 12:11

Tgt Ion: 43 Resp: 1749

Ion Ratio Lower Upper

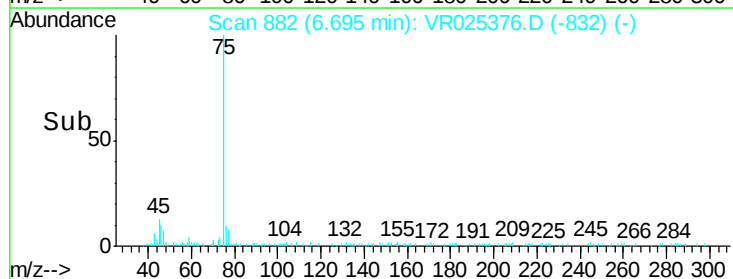
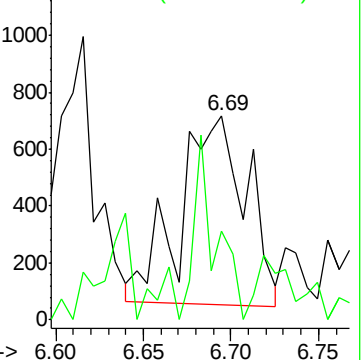
43 100

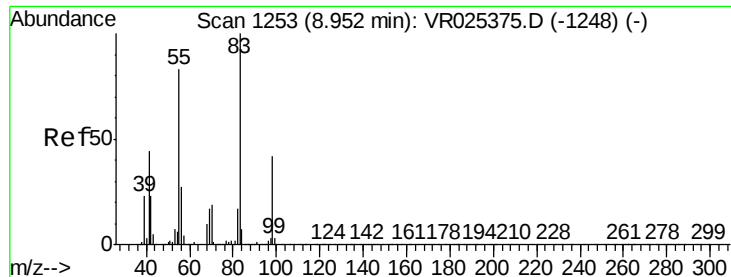
72 35.3 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

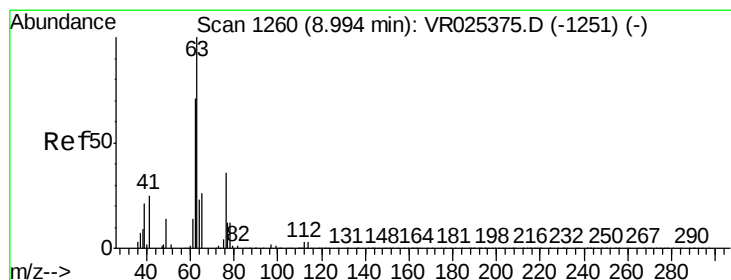
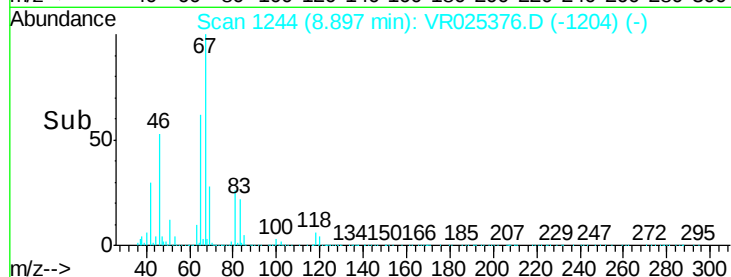
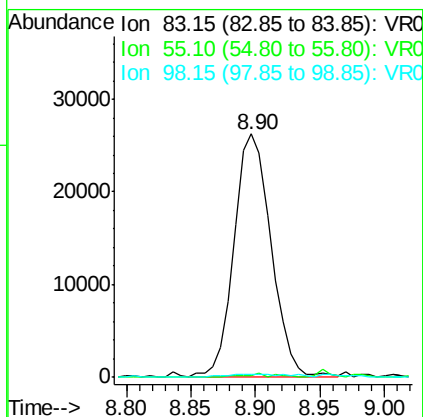
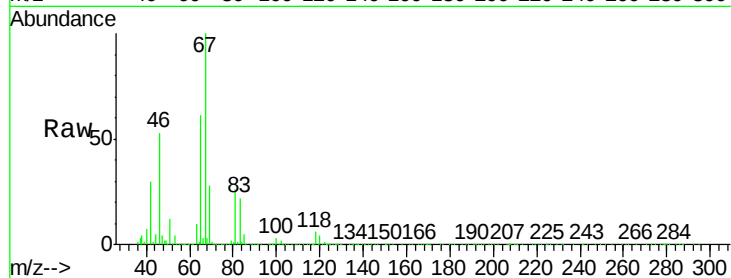




#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025376.D
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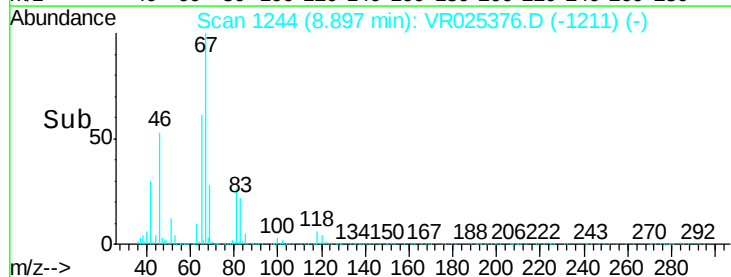
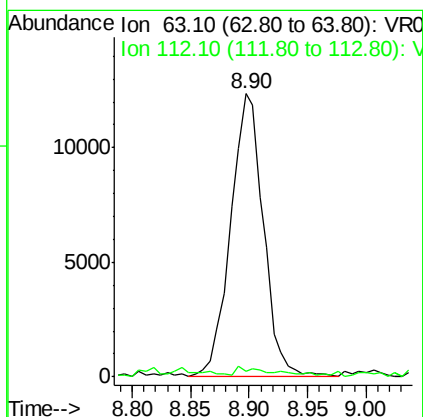
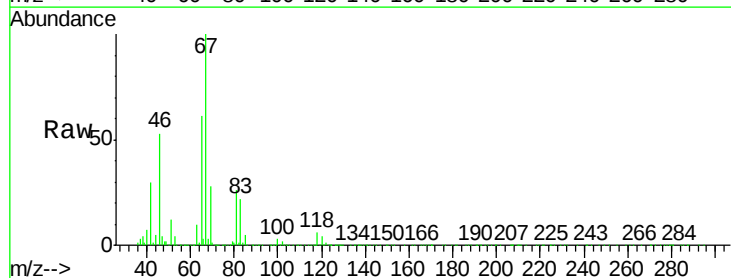
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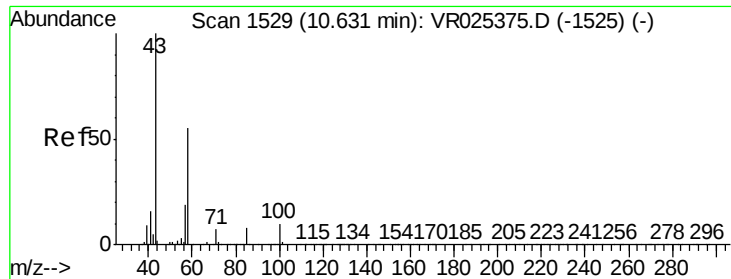
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.4	66.1	99.1#
98	1.7	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.544 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025376.D
Acq: 20 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.7	2.9	4.3#





#48
 2-Hexanone
 Concen: 2.715 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025376.D
 Acq: 20 Jun 2018 12:11

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK86

Tgt Ion: 43 Resp: 24973
 Ion Ratio Lower Upper
 43 100
 58 26.3 43.1 64.7#
 57 30.7 15.3 22.9#
 100 2.2 7.9 11.9#

