

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062518\
 Data File : VR025425.D
 Acq On : 25 Jun 2018 12:16
 Operator : SY/MD
 Sample : VR0625WBL01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK89

Quant Time: Jun 26 01:43:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	540438	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	449016	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	152342	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	100391	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	2.63	69	76751	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	3.64	63	208906	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	6.59	46	232571	47.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	7.20	84	384195	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	7.89	65	148613	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	7.86	84	870679	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	8.90	67	231853	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	9.97	98	769490	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
43) trans-1,3-Dichloropropene-	10.24	79	49987	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	10.59	63	186750	46.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	90892	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	152121	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

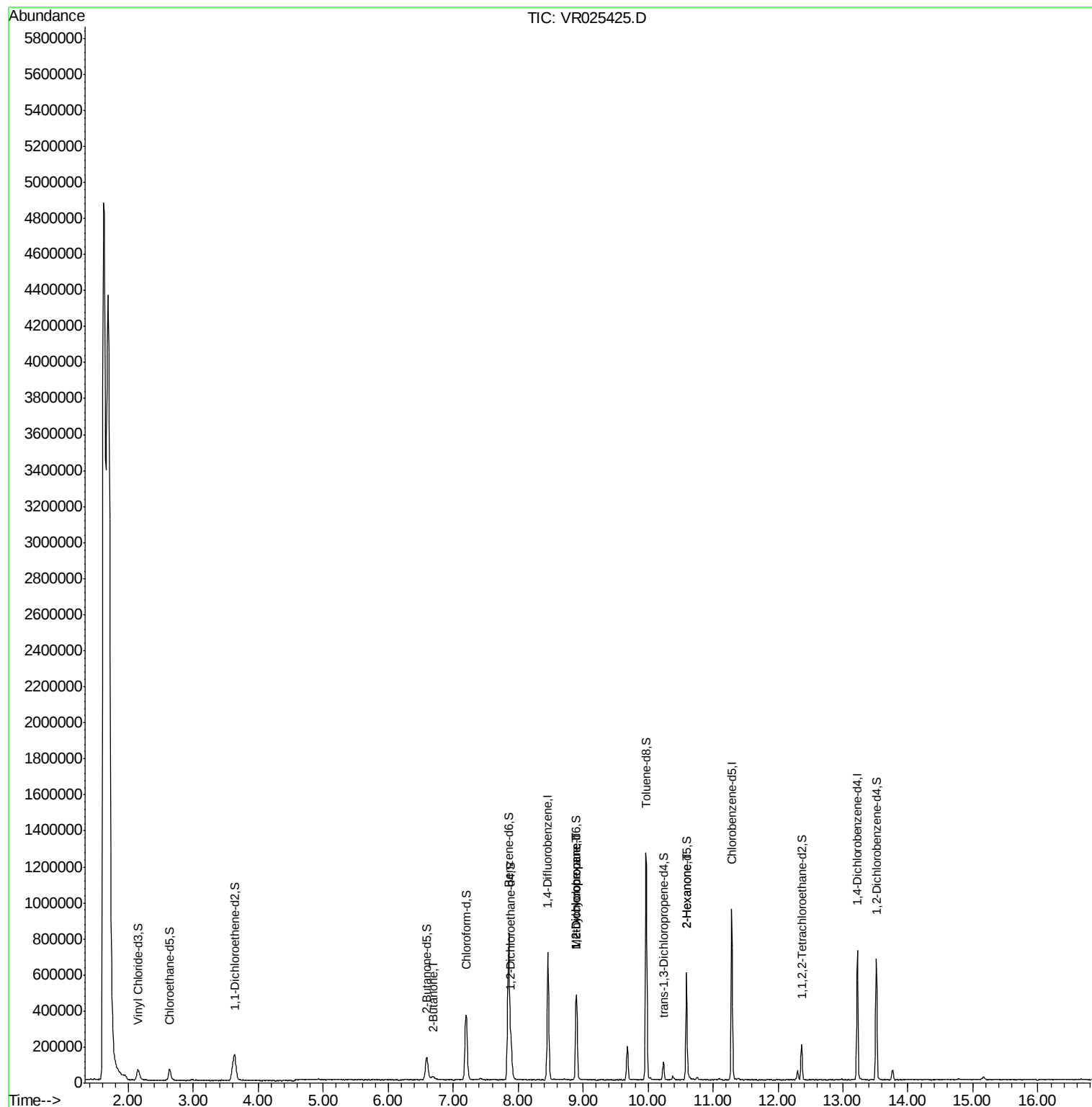
					Qvalue
21) 2-Butanone	6.69	43	1211	0.230 ug/L	98
35) Methylcyclohexane	8.90	83	51812	0.770 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	23642	0.603 ug/L #	95
48) 2-Hexanone	10.59	43	24054	2.975 ug/L #	67

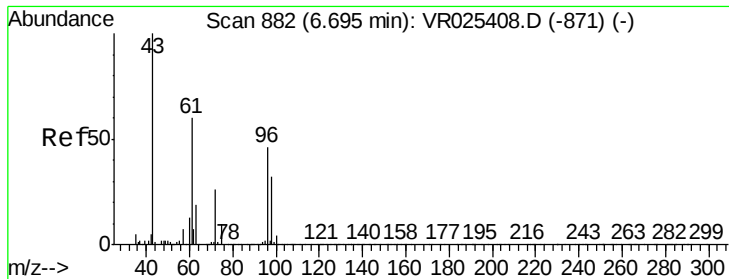
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 0.230 ug/L

RT: 6.69 min Scan# 881

Delta R.T. -0.01 min

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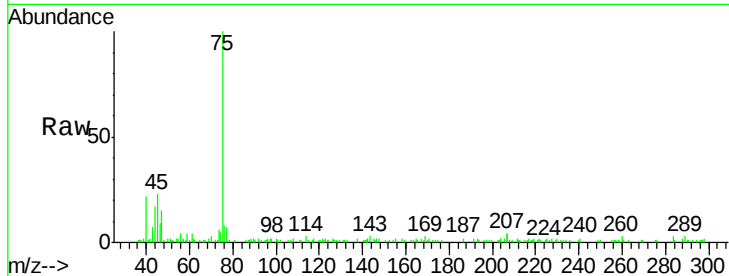
VBLK89

Tgt Ion: 43 Resp: 1211

Ion Ratio Lower Upper

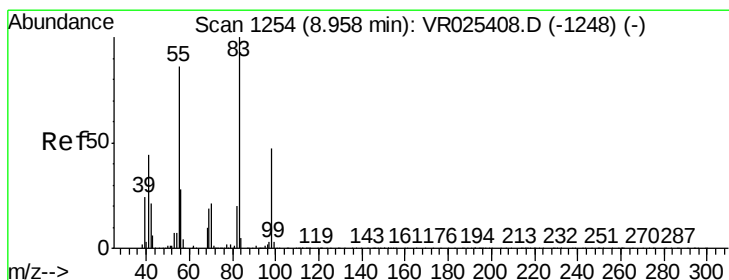
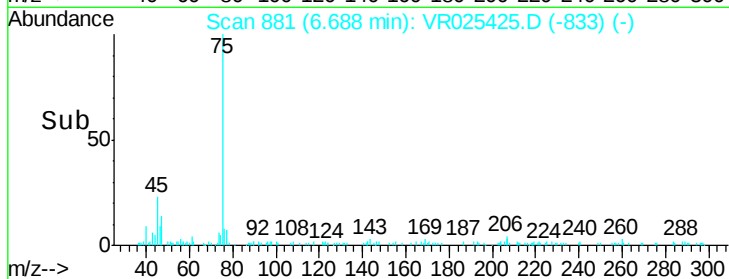
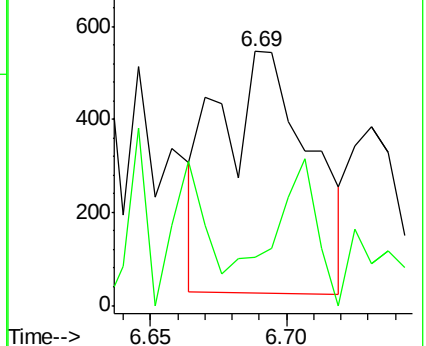
43 100

72 27.0 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: 0.770 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025425.D

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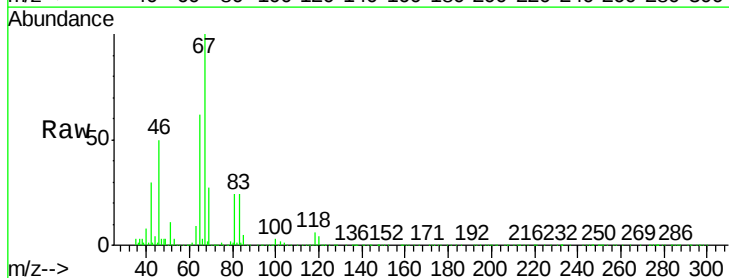
Tgt Ion: 83 Resp: 51812

Ion Ratio Lower Upper

83 100

55 0.9 66.1 99.1#

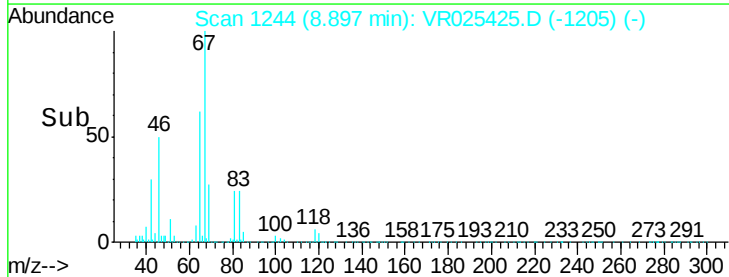
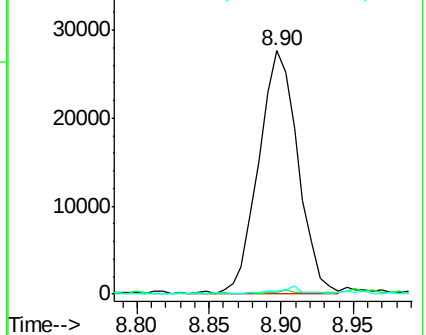
98 2.3 36.2 54.4#

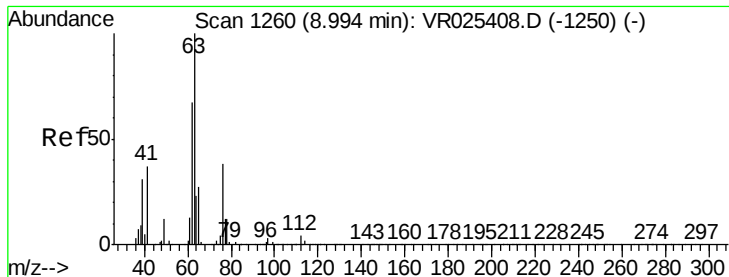


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

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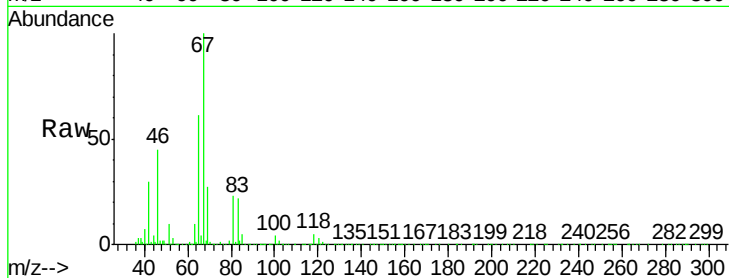
VBLK89

Tgt Ion: 63 Resp: 23642

Ion Ratio Lower Upper

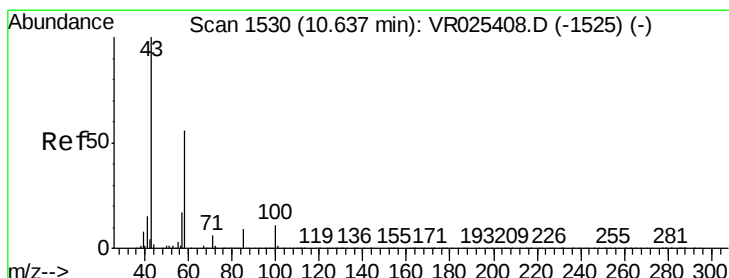
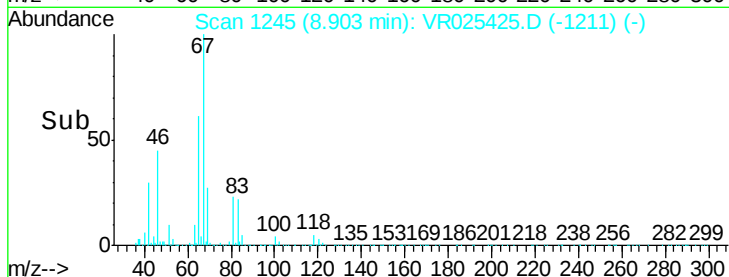
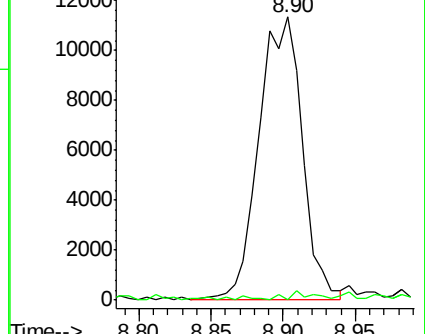
63 100

112 1.9 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 2.975 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025425.D

Acq: 25 Jun 2018 12:16

Tgt Ion: 43 Resp: 24054

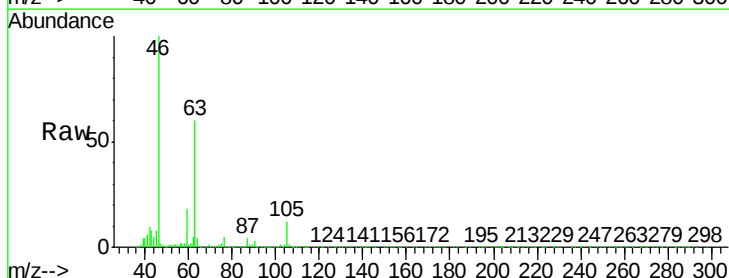
Ion Ratio Lower Upper

43 100

58 26.3 43.1 64.7#

57 29.5 15.3 22.9#

100 0.9 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

