

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR070518\
 Data File : VR025447.D
 Acq On : 5 Jul 2018 19:42
 Operator : SY/MD
 Sample : J3834-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Jul 06 01:26:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 05 15:29:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	663770	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	567308	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	185929	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	98235	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	2.62	69	84935	5.45	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	3.62	63	217713	3.93	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	6.60	46	303805	53.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.90%
24) Chloroform-d	7.20	84	422439	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.90	65	171298	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	7.86	84	916035	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	8.90	67	267791	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	800618	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	10.24	79	61017	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	10.59	63	271595	57.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	117039	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	178835	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

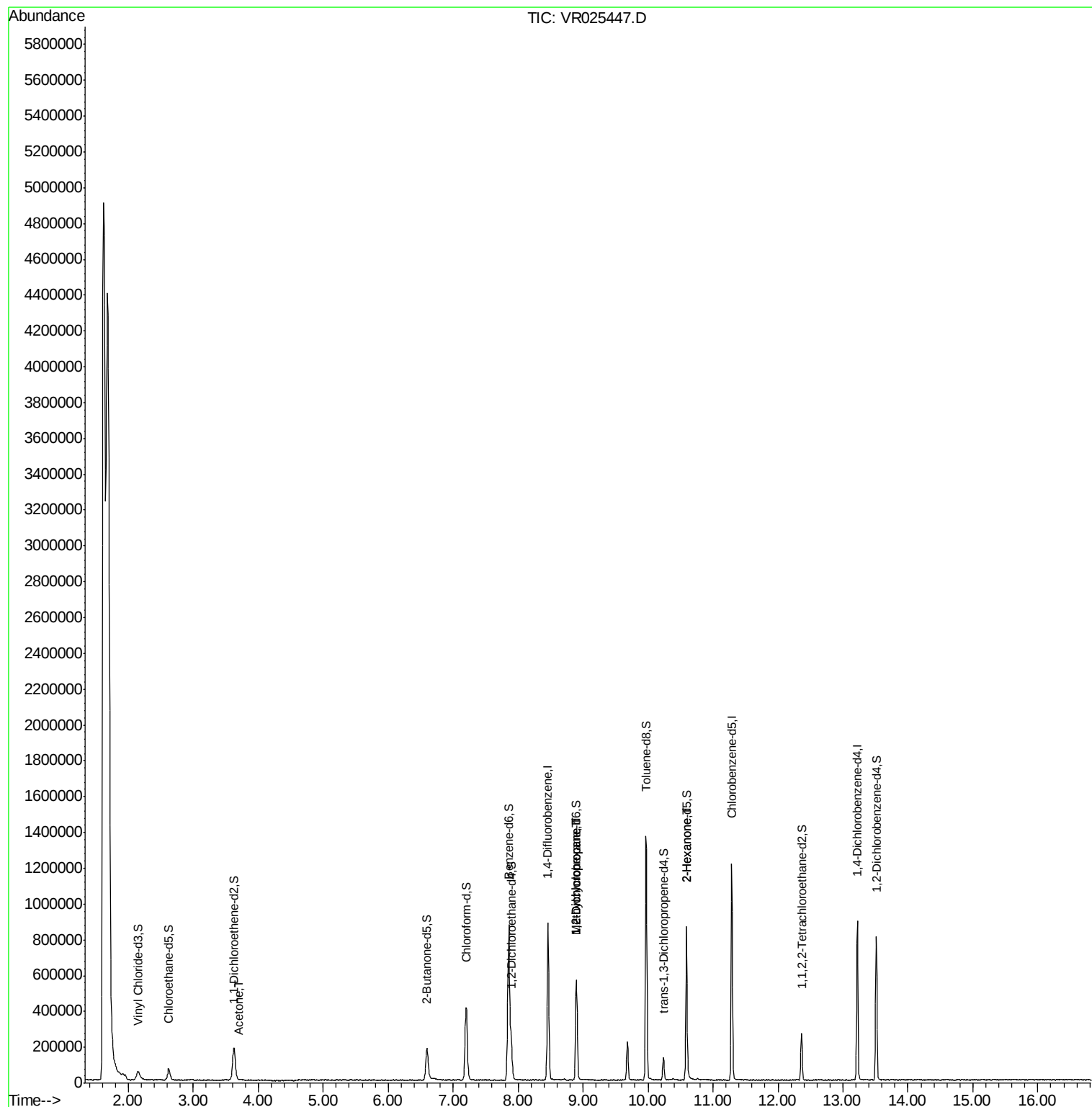
					Qvalue
13) Acetone	3.70	43	2525	0.986 ug/L	67
35) Methylcyclohexane	8.90	83	59122	0.888 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	27036	0.595 ug/L #	93
48) 2-Hexanone	10.59	43	30937	3.414 ug/L #	71

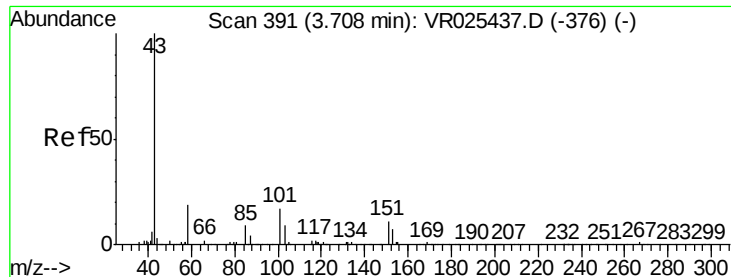
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.986 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

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Acq: 5 Jul 2018 19:42

Instrument :

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ClientSampleId :

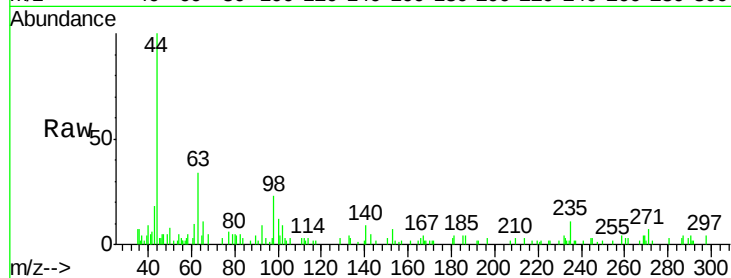
VHBLK01

Tgt Ion: 43 Resp: 2525

Ion Ratio Lower Upper

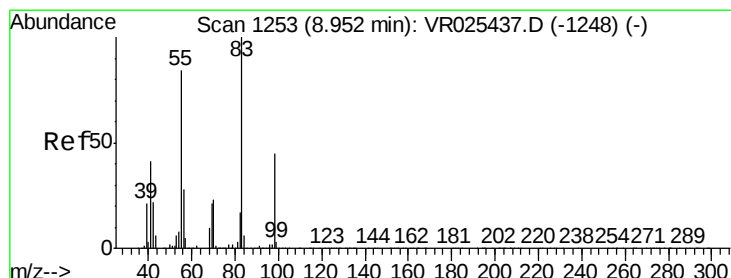
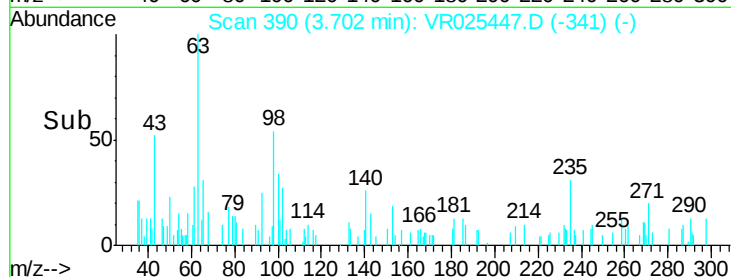
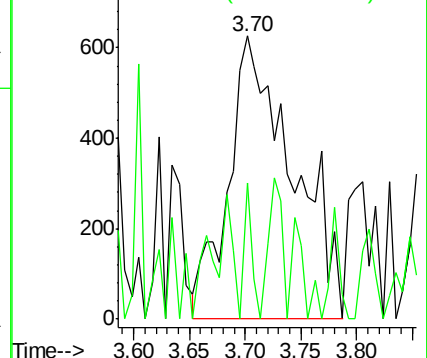
43 100

58 5.6 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#35

Methylcyclohexane

Concen: 0.888 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025447.D

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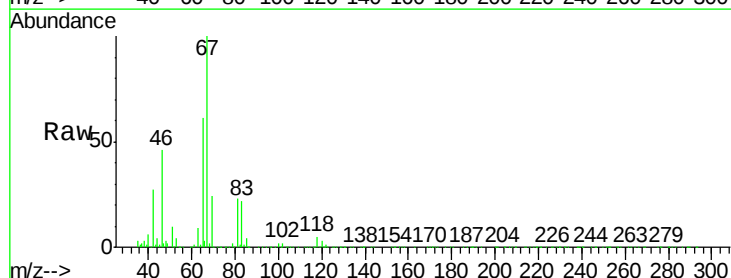
Tgt Ion: 83 Resp: 59122

Ion Ratio Lower Upper

83 100

55 1.6 66.1 99.1#

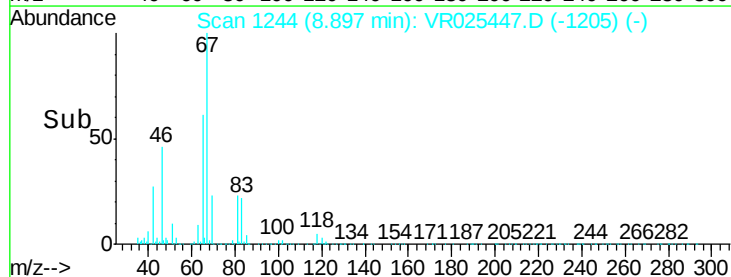
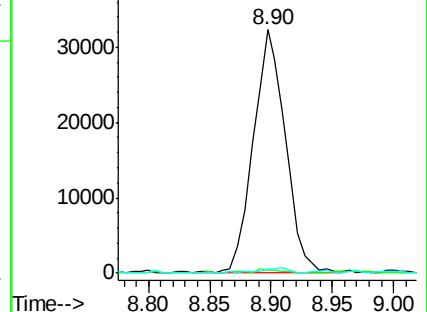
98 1.9 36.2 54.4#

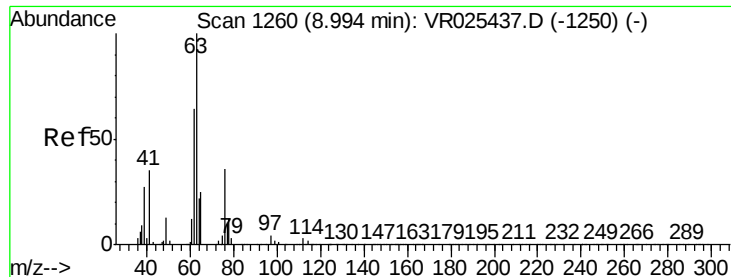


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

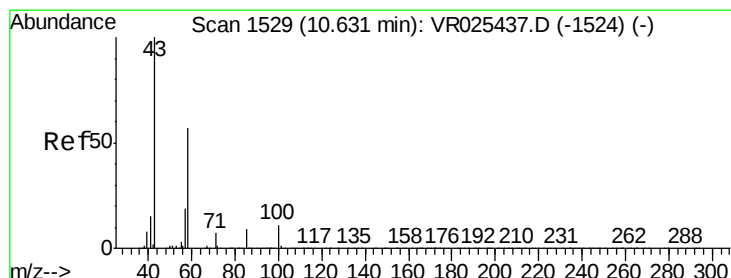
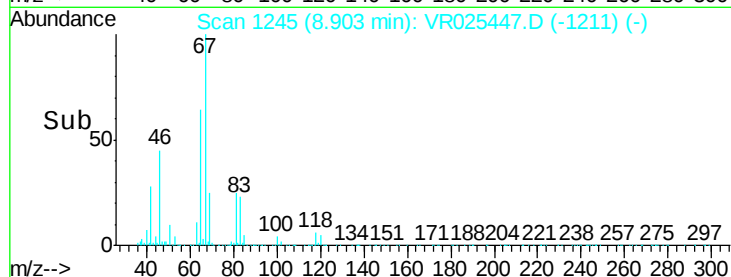
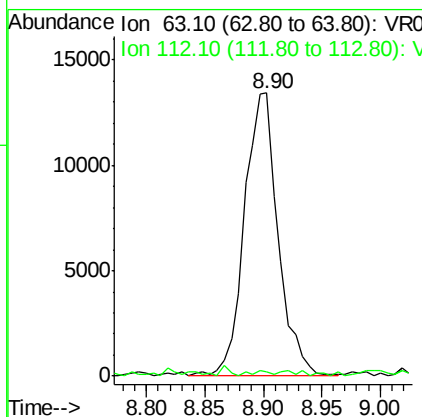
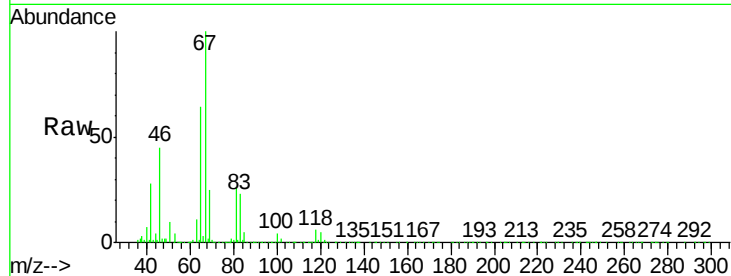




#37
 1,2-Dichloropropane
 Concen: 0.595 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.09 min
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Tgt Ion: 63 Resp: 27036
 Ion Ratio Lower Upper
 63 100
 112 1.2 2.9 4.3#



#48
 2-Hexanone
 Concen: 3.414 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025447.D
 Acq: 5 Jul 2018 19:42

Tgt Ion: 43 Resp: 30937
 Ion Ratio Lower Upper
 43 100
 58 32.0 43.1 64.7#
 57 33.1 15.3 22.9#
 100 3.1 7.9 11.9#

