

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR072018\
 Data File : VR025530.D
 Acq On : 20 Jul 2018 13:40
 Operator : SY/MD
 Sample : VR0720WBL01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK88

Quant Time: Jul 20 23:36:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 23:36:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	594373	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	487650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	152928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	81735	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	2.63	69	65647	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	3.63	63	176124	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	6.60	46	193546	38.03	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.06%
24) Chloroform-d	7.20	84	339217	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	7.89	65	126722	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
32) Benzene-d6	7.86	84	722772	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	8.90	67	201070	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	9.97	98	629150	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	10.24	79	45984	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	10.59	63	167778	41.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.78%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81991	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	135892	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

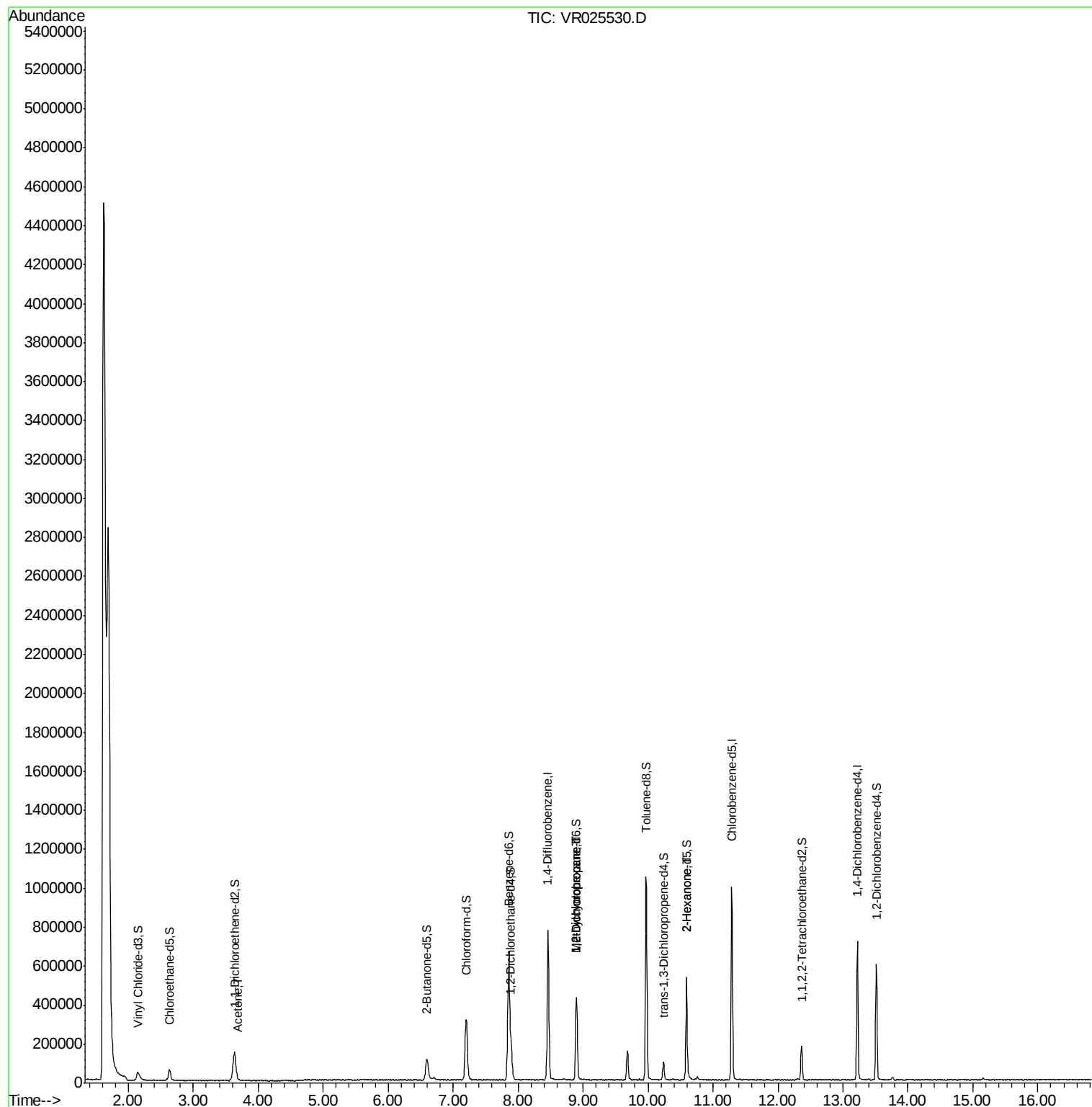
					Qvalue
13) Acetone	3.68	43	890	0.388 ug/L	72
35) Methylcyclohexane	8.90	83	48772	0.852 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	20738	0.531 ug/L #	94
48) 2-Hexanone	10.59	43	20645	2.651 ug/L #	69

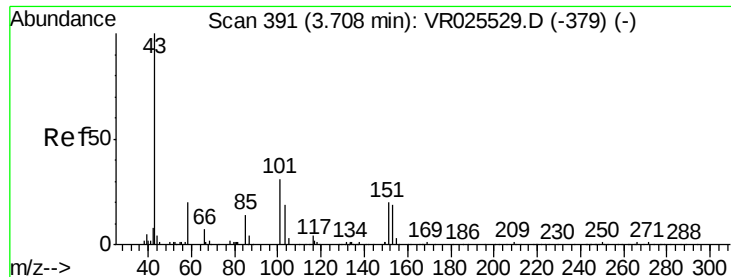
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.388 ug/L

RT: 3.68 min Scan# 387

Delta R.T. -0.02 min

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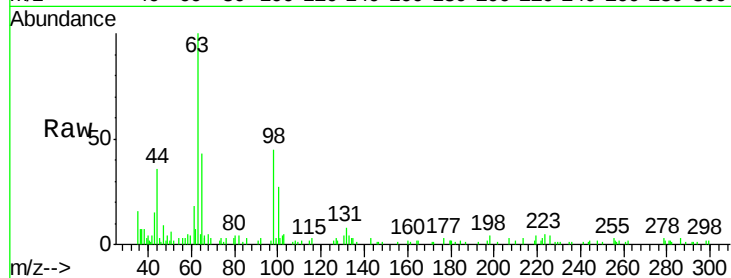
VBLK88

Tgt Ion: 43 Resp: 890

Ion Ratio Lower Upper

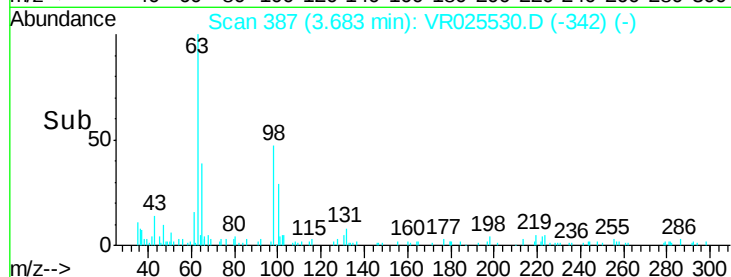
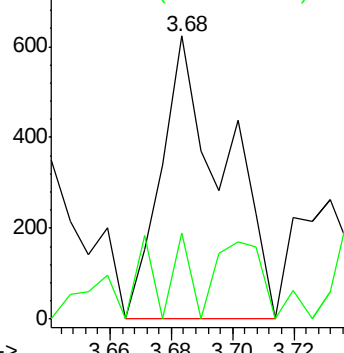
43 100

58 7.6 0.0 41.6

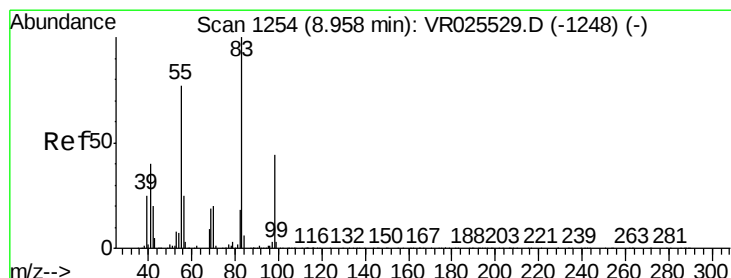


Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



Time-->



#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025530.D

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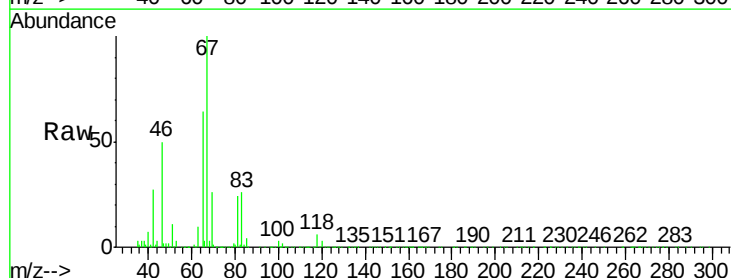
Tgt Ion: 83 Resp: 48772

Ion Ratio Lower Upper

83 100

55 0.7 66.1 99.1#

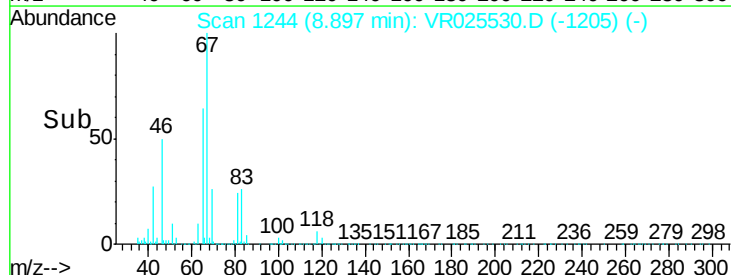
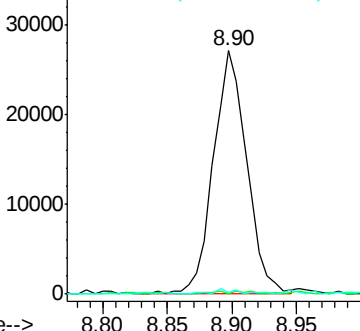
98 1.3 36.2 54.4#



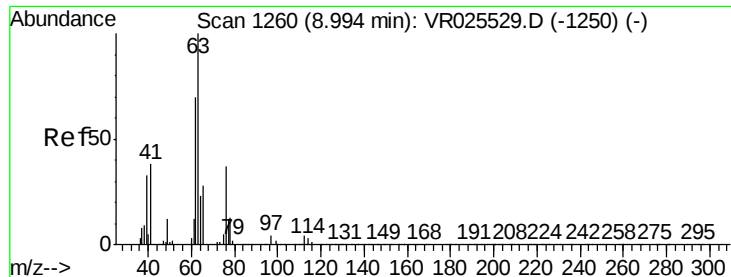
Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



Time-->



#37

1,2-Dichloropropane

Concen: 0.531 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

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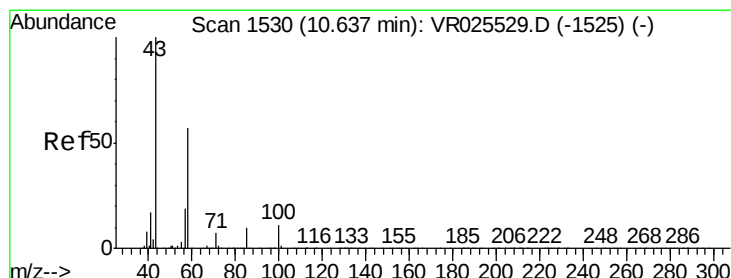
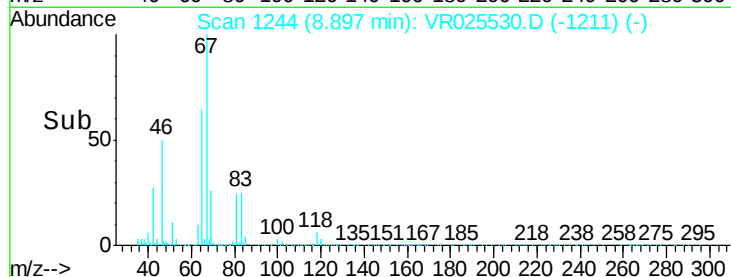
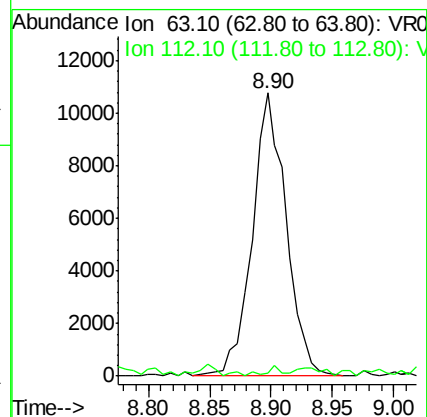
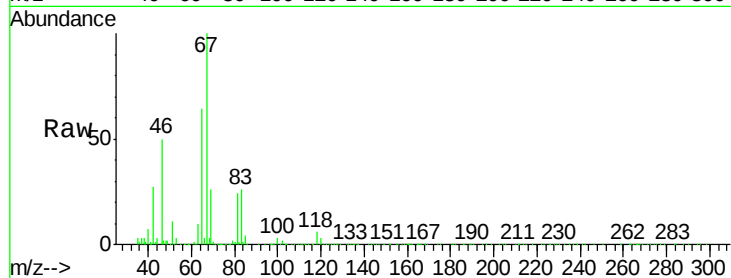
VBLK88

Tgt Ion: 63 Resp: 20738

Ion Ratio Lower Upper

63 100

112 1.6 2.9 4.3#



#48

2-Hexanone

Concen: 2.651 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025530.D

Acq: 20 Jul 2018 13:40

Tgt Ion: 43 Resp: 20645

Ion Ratio Lower Upper

43 100

58 29.9 43.1 64.7#

57 33.5 15.3 22.9#

100 4.1 7.9 11.9#

