

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR072018\
 Data File : VR025534.D
 Acq On : 20 Jul 2018 16:45
 Operator : SY/MD
 Sample : J3960-09
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Jul 20 23:37:12 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	8.46	114	670227	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	545090	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	167557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	83596	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	2.64	69	66392	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	3.64	63	191502	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	6.60	46	252974	44.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.16%
24) Chloroform-d	7.20	84	406774	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	7.89	65	157145	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.86	84	876119	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	8.90	67	244960	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	9.97	98	769674	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	10.24	79	54581	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	10.59	63	207374	45.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.52%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101983	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	155328	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

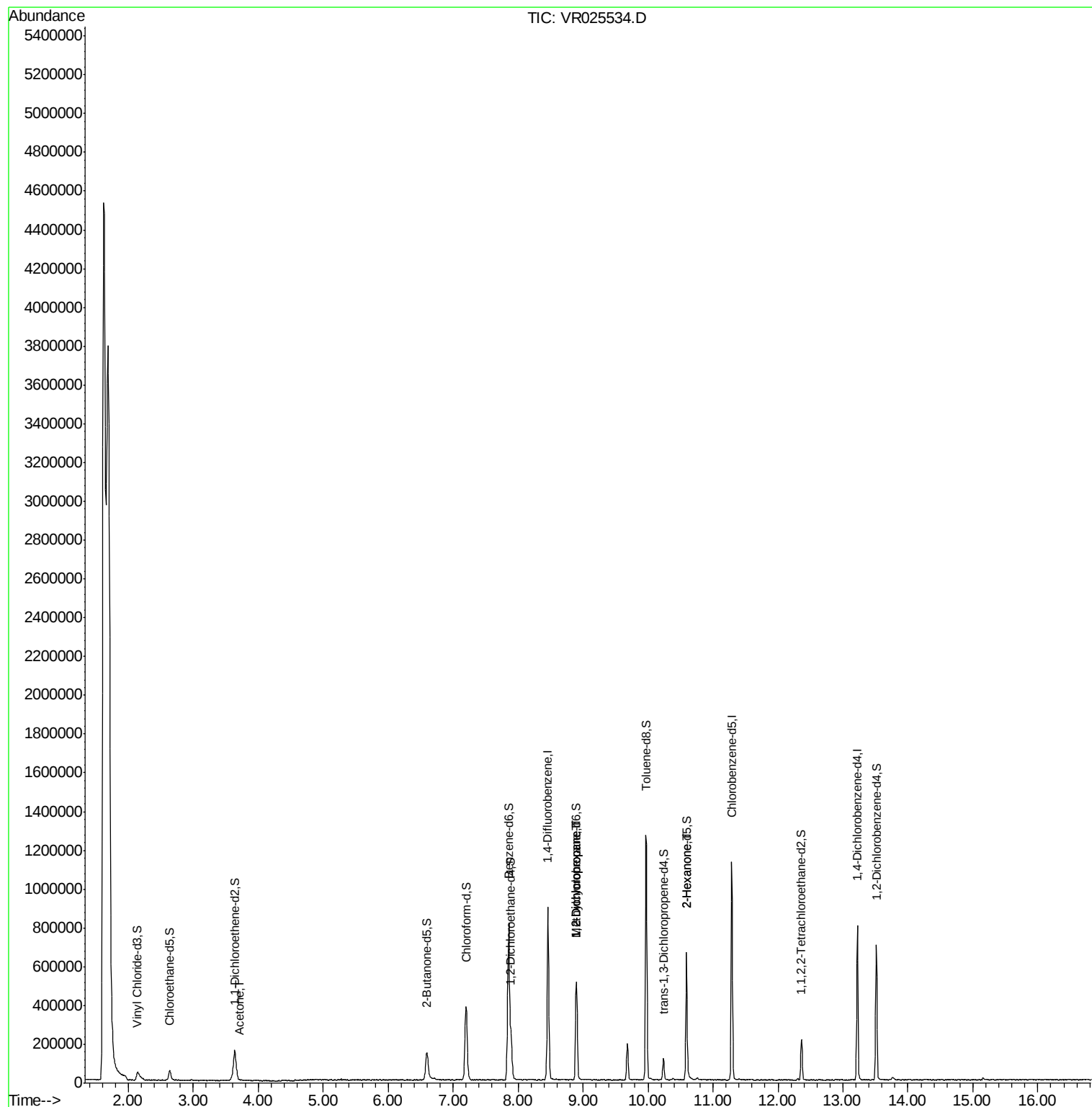
					Qvalue
13) Acetone	3.72	43	755	0.292 ug/L	67
35) Methylcyclohexane	8.90	83	56815	0.888 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	25197	0.577 ug/L #	92
48) 2-Hexanone	10.59	43	25562	2.936 ug/L #	73

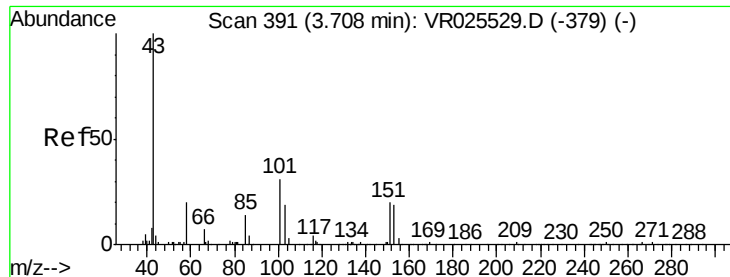
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.292 ug/L

RT: 3.72 min Scan# 393

Delta R.T. 0.01 min

Lab File: VR025534.D

Acq: 20 Jul 2018 16:45

Instrument :

MSVOA_R

ClientSampleId :

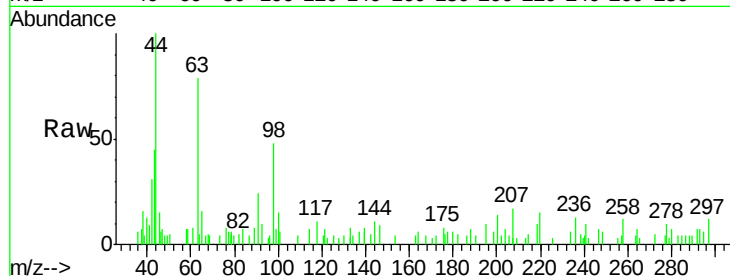
VHBLK01

Tgt Ion: 43 Resp: 755

Ion Ratio Lower Upper

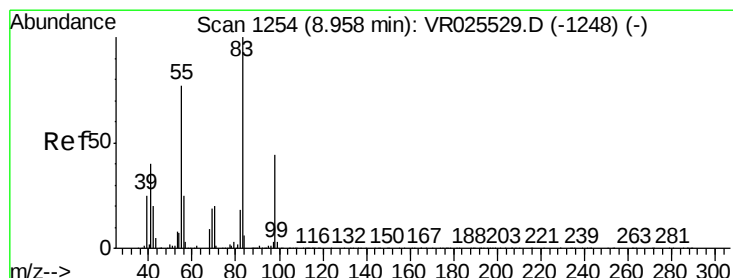
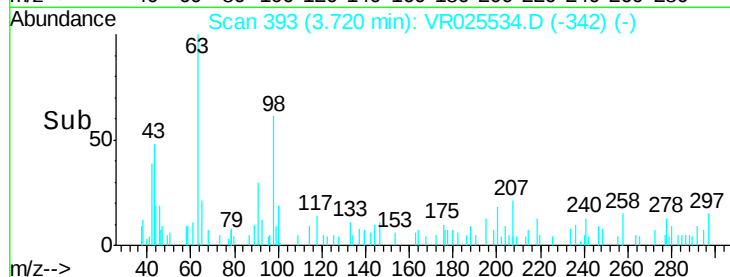
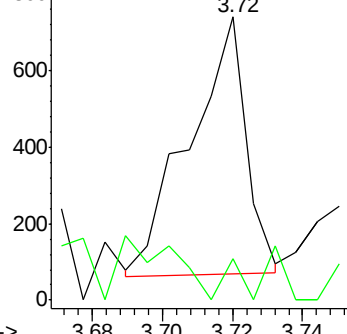
43 100

58 5.3 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# 1245

Delta R.T. -0.05 min

Lab File: VR025534.D

Acq: 20 Jul 2018 16:45

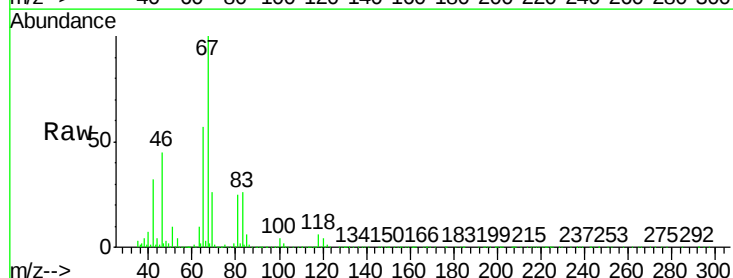
Tgt Ion: 83 Resp: 56815

Ion Ratio Lower Upper

83 100

55 1.1 66.1 99.1#

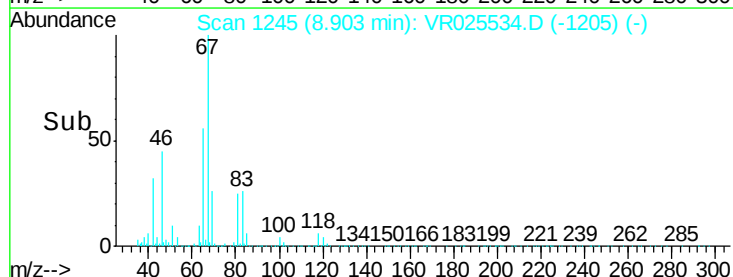
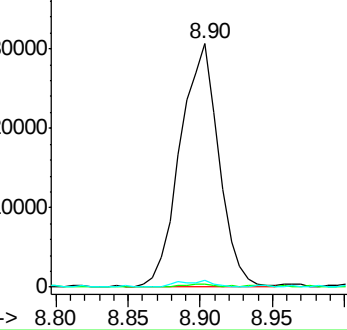
98 2.2 36.2 54.4#

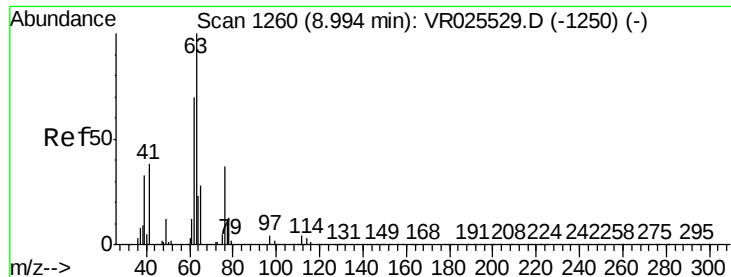


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

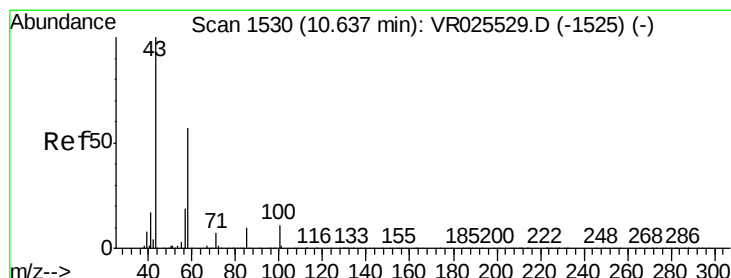
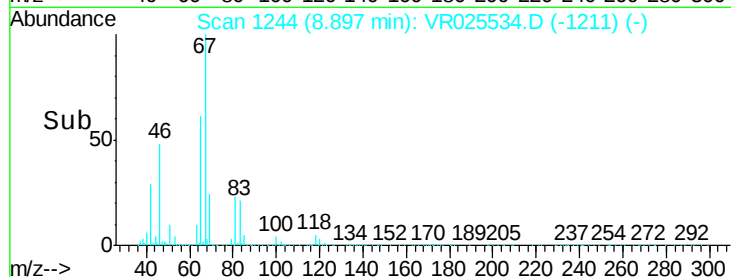
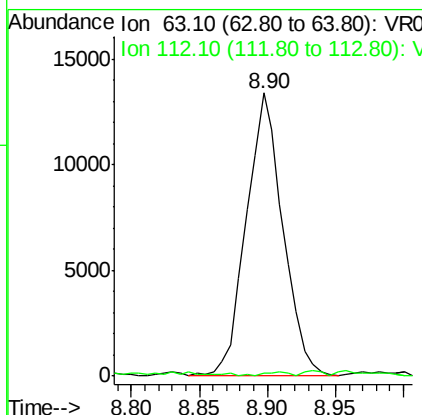
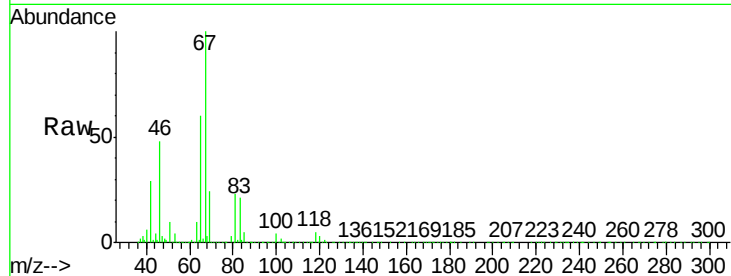




#37
 1,2-Dichloropropane
 Concen: 0.577 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
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Tgt Ion: 63 Resp: 25197
 Ion Ratio Lower Upper
 63 100
 112 0.9 2.9 4.3#



#48
 2-Hexanone
 Concen: 2.936 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025534.D
 Acq: 20 Jul 2018 16:45

Tgt Ion: 43 Resp: 25562
 Ion Ratio Lower Upper
 43 100
 58 32.5 43.1 64.7#
 57 32.3 15.3 22.9#
 100 6.3 7.9 11.9#

