

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071318\
 Data File : VR025464.D
 Acq On : 13 Jul 2018 16:33
 Operator : SY/MD
 Sample : J3987-03
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0J60

Quant Time: Jul 13 23:51:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 23:51:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	898842	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	688358	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	251980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.13	65	121895	4.92	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	2.62	69	96295	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	3.62	63	228688	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	6.59	46	296318	38.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.00%
24) Chloroform-d	7.20	84	438746	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.60%
26) 1,2-Dichloroethane-d4	7.89	65	164205	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
32) Benzene-d6	7.86	84	928210	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	8.90	67	259123	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.60%
41) Toluene-d8	9.97	98	782395	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	10.24	79	67084	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	10.59	63	239325	41.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	100864	3.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	170482	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

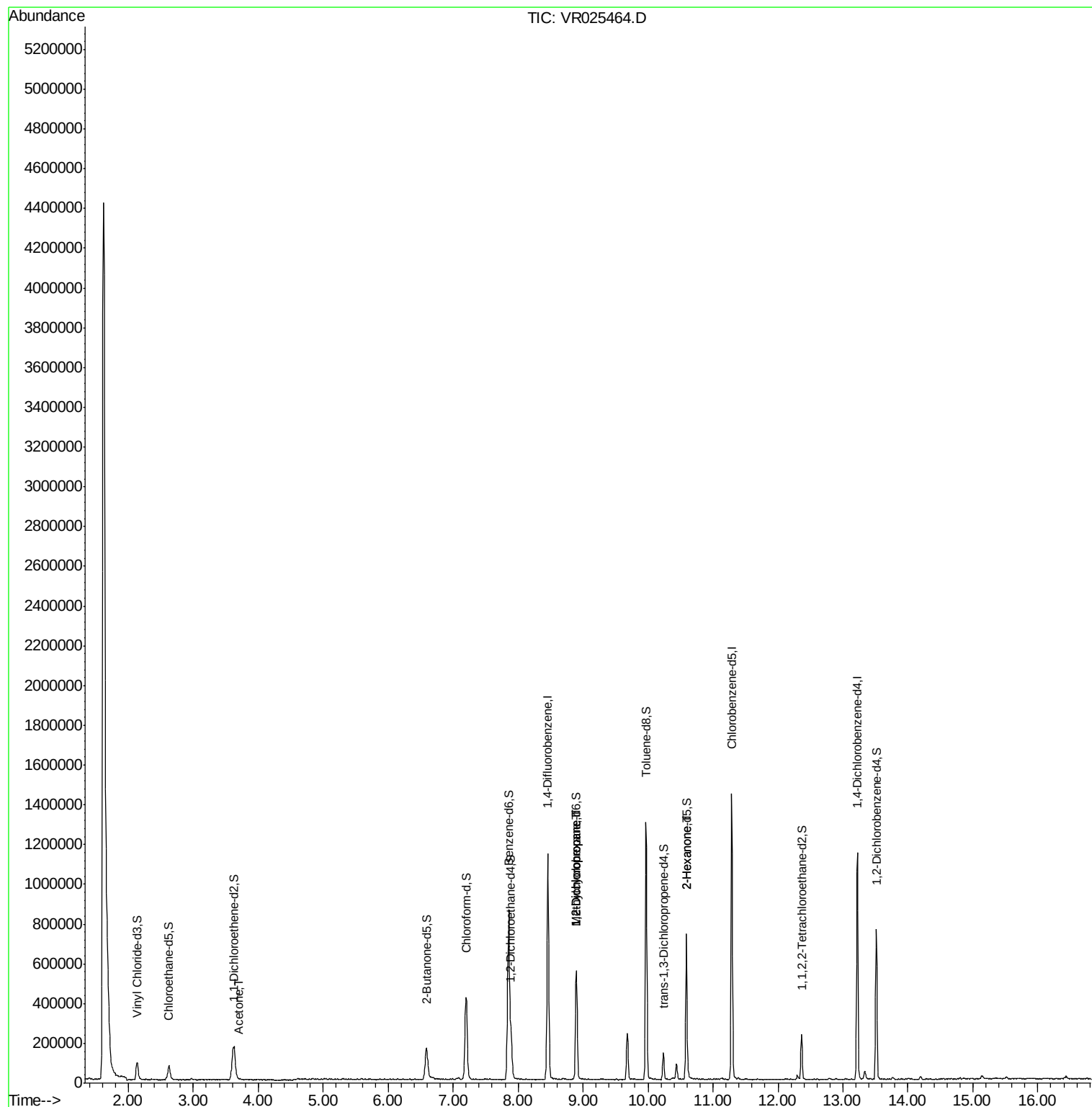
					Qvalue
13) Acetone	3.70	43	3484	1.005 ug/L	76
35) Methylcyclohexane	8.90	83	57817	0.716 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	27061	0.491 ug/L #	91
48) 2-Hexanone	10.59	43	30587	2.782 ug/L #	65

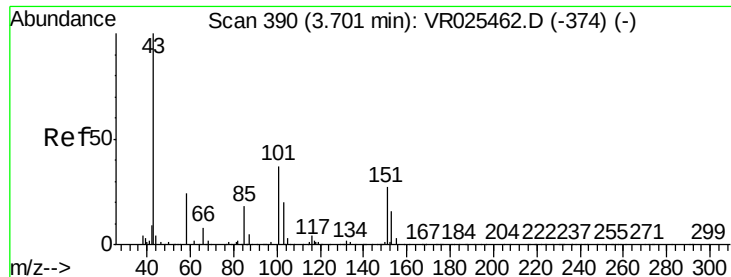
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.005 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025464.D

Acq: 13 Jul 2018 16:33

Instrument :

MSVOA_R

ClientSampleId :

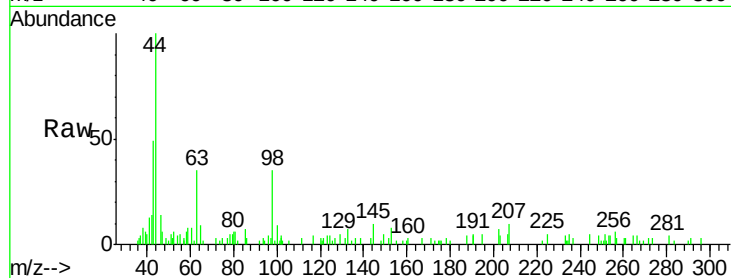
C0J60

Tgt Ion: 43 Resp: 3484

Ion Ratio Lower Upper

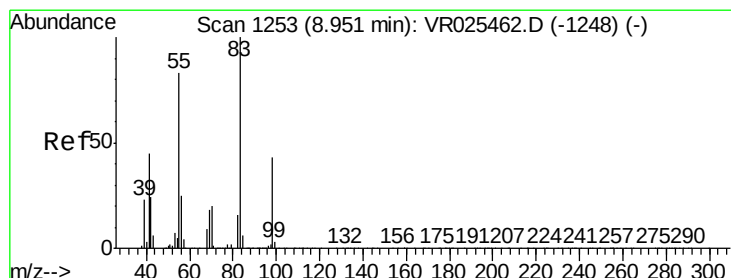
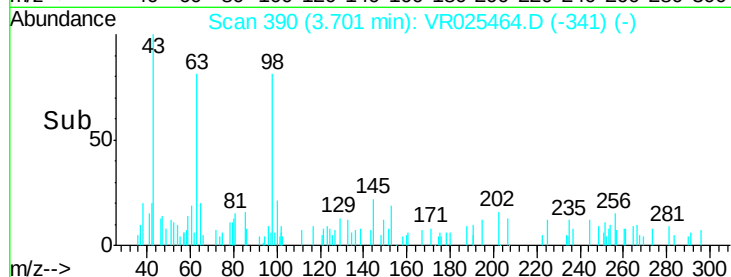
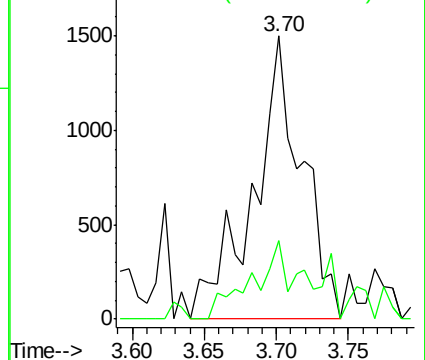
43 100

58 32.1 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: 0.716 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025464.D

Acq: 13 Jul 2018 16:33

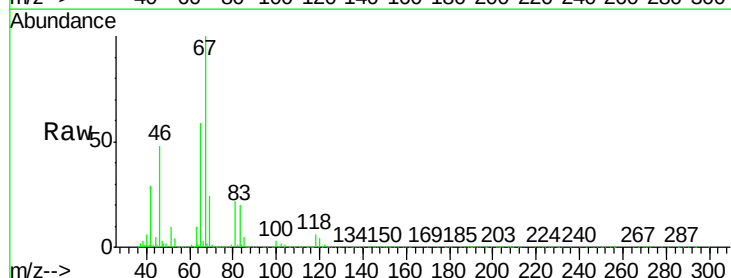
Tgt Ion: 83 Resp: 57817

Ion Ratio Lower Upper

83 100

55 0.5 66.1 99.1#

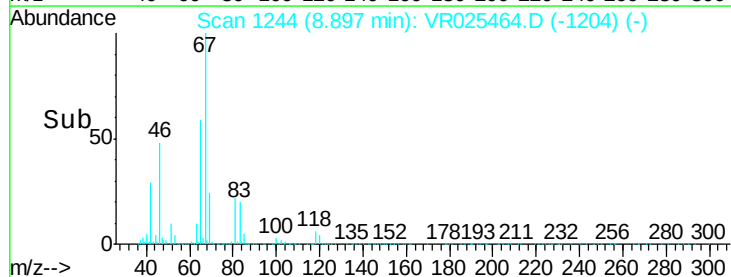
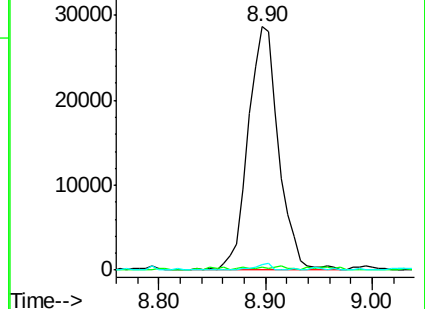
98 1.5 36.2 54.4#

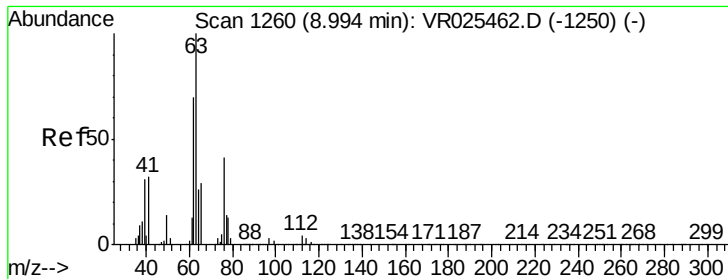


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

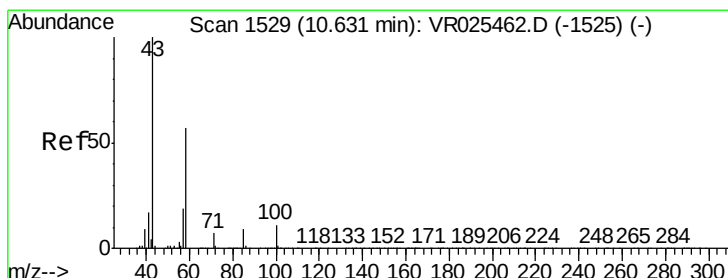
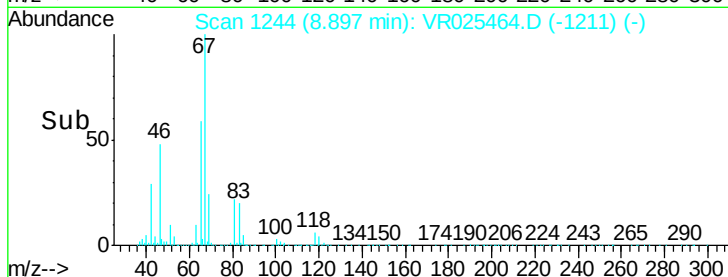
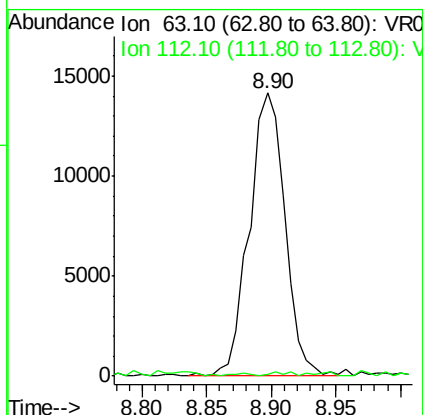
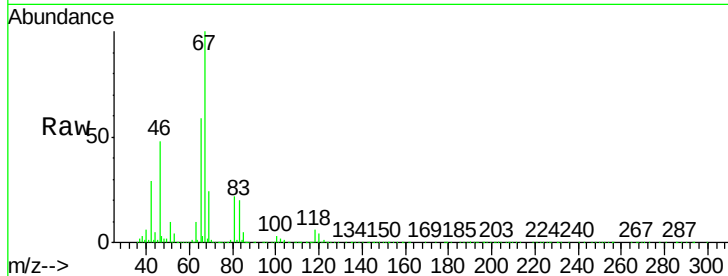




#37
 1,2-Dichloropropane
 Concen: 0.491 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025464.D
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Tgt Ion: 63 Resp: 27061
 Ion Ratio Lower Upper
 63 100
 112 0.8 2.9 4.3#



#48
 2-Hexanone
 Concen: 2.782 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025464.D
 Acq: 13 Jul 2018 16:33

Tgt Ion: 43 Resp: 30587
 Ion Ratio Lower Upper
 43 100
 58 21.9 43.1 64.7#
 57 25.9 15.3 22.9#
 100 2.1 7.9 11.9#

