

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071318\
 Data File : VR025467.D
 Acq On : 13 Jul 2018 18:13
 Operator : SY/MD
 Sample : J3987-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0J61

Quant Time: Jul 13 23:51:40 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	805258	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	629323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	213789	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	111328	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	2.63	69	92685	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	3.62	63	231250	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	6.60	46	345517	50.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.22%
24) Chloroform-d	7.21	84	484142	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	7.89	65	183454	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	7.86	84	1022405	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	8.90	67	283283	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	9.97	98	843706	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	10.24	79	70841	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	10.59	63	265714	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	114628	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	185173	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

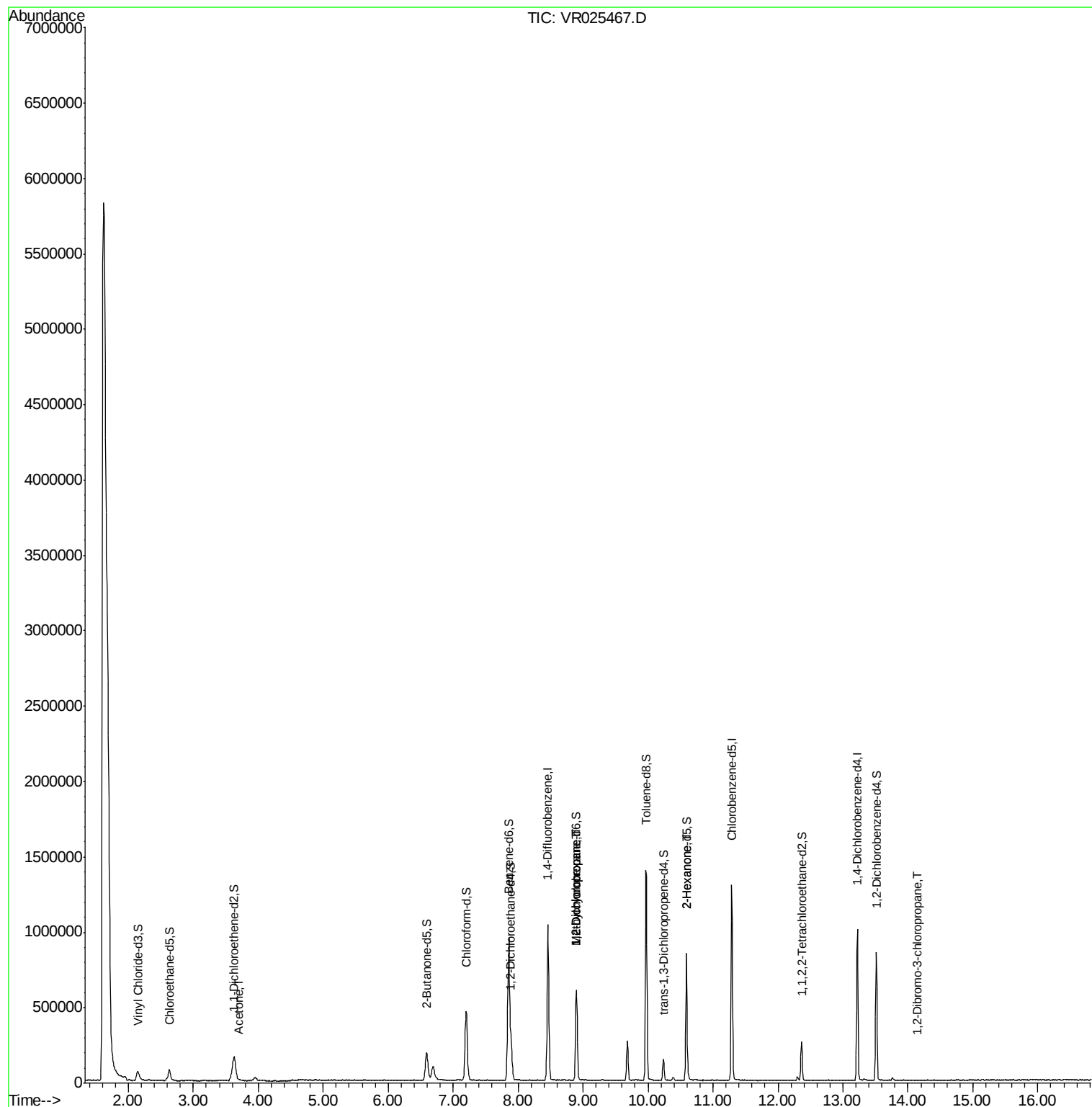
					Qvalue
13) Acetone	3.70	43	4584	1.476 ug/L	78
35) Methylcyclohexane	8.90	83	63640	0.862 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	28707	0.569 ug/L #	94
48) 2-Hexanone	10.59	43	31629	3.147 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.15	75	551	0.229 ug/L #	51

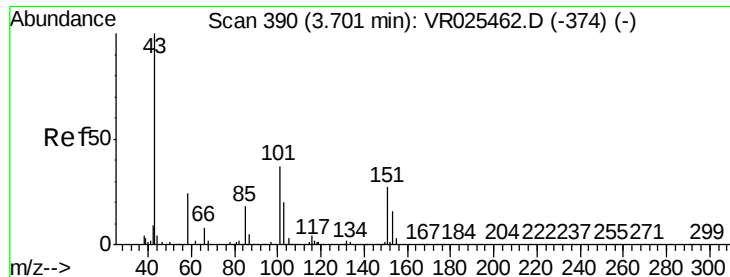
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.476 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025467.D

Acq: 13 Jul 2018 18:13

Instrument :

MSVOA_R

ClientSampleId :

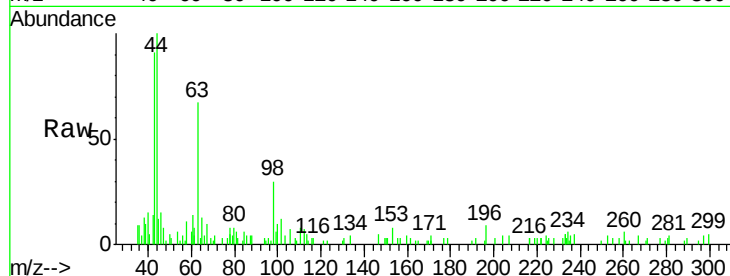
C0J61

Tgt Ion: 43 Resp: 4584

Ion Ratio Lower Upper

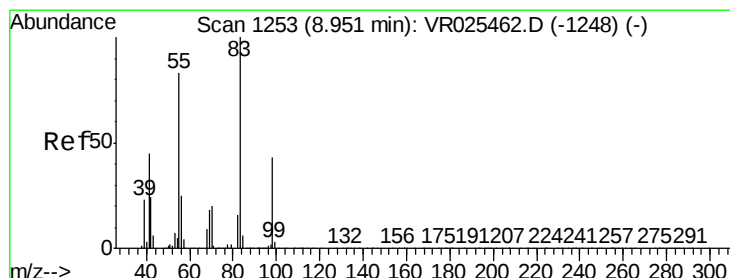
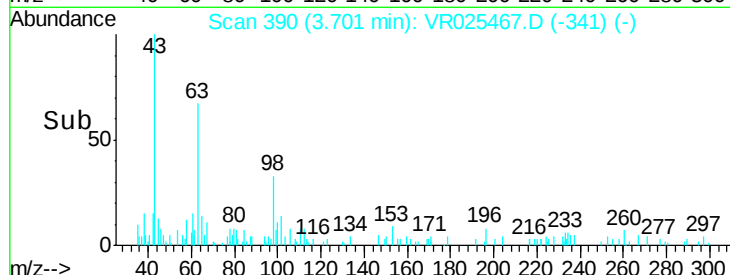
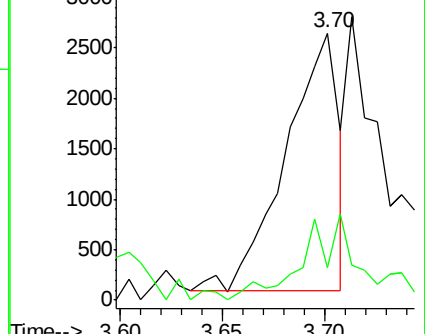
43 100

58 31.0 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: 0.862 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025467.D

Acq: 13 Jul 2018 18:13

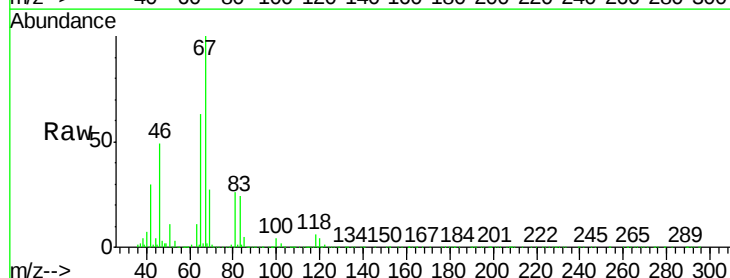
Tgt Ion: 83 Resp: 63640

Ion Ratio Lower Upper

83 100

55 0.5 66.1 99.1#

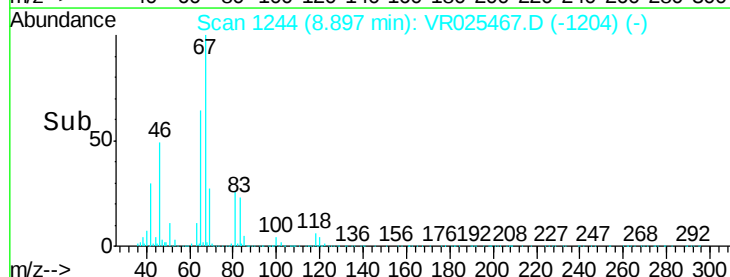
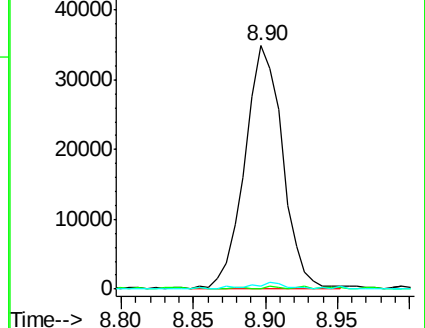
98 2.6 36.2 54.4#

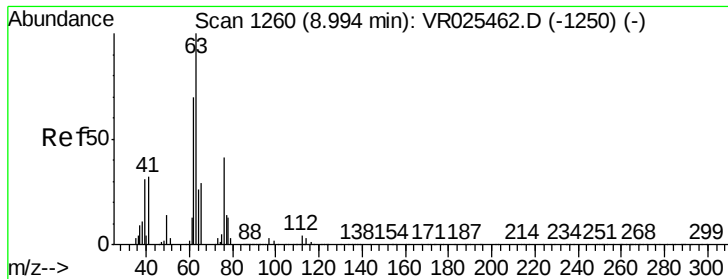


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

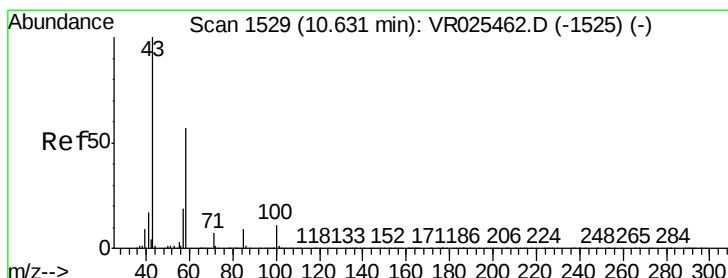
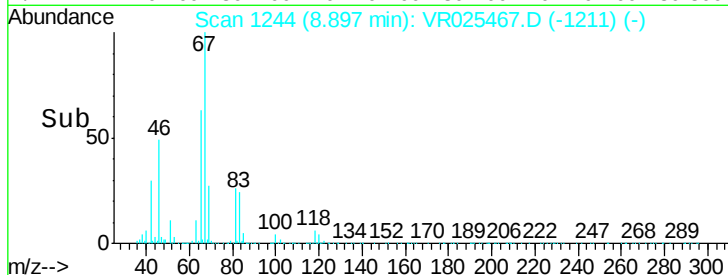
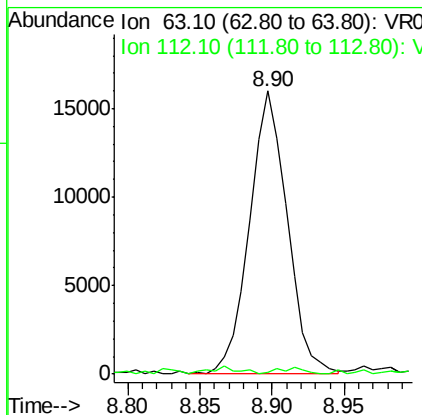
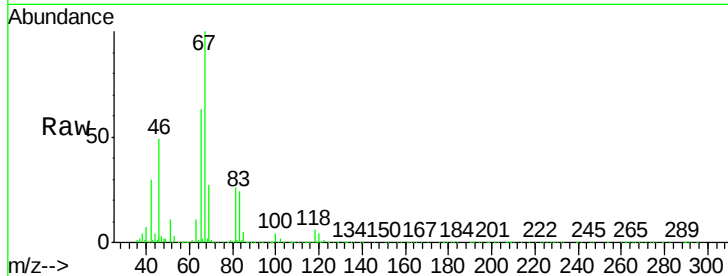




#37
 1,2-Dichloropropane
 Concen: 0.569 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025467.D
 Acq: 13 Jul 2018 18:13

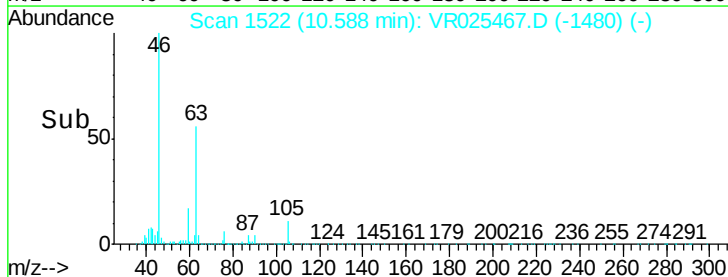
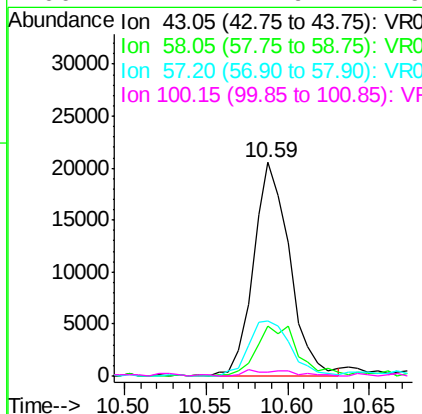
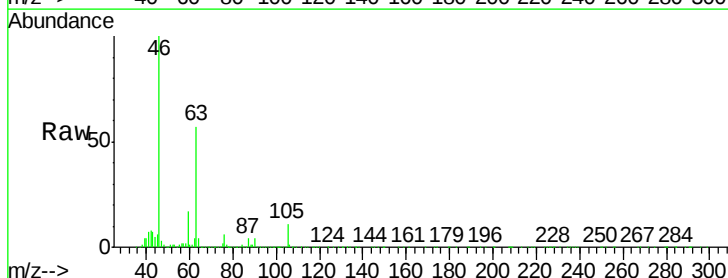
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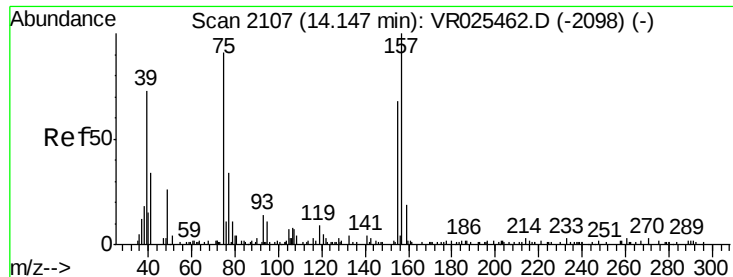
Tgt Ion: 63 Resp: 28707
 Ion Ratio Lower Upper
 63 100
 112 1.6 2.9 4.3#



#48
 2-Hexanone
 Concen: 3.147 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025467.D
 Acq: 13 Jul 2018 18:13

Tgt Ion: 43 Resp: 31629
 Ion Ratio Lower Upper
 43 100
 58 27.3 43.1 64.7#
 57 30.1 15.3 22.9#
 100 1.7 7.9 11.9#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.229 ug/L
 RT: 14.15 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: VR025467.D
 Acq: 13 Jul 2018 18:13

Instrument :
 MSVOA_R
 ClientSampleId :
 C0J61

Tgt Ion: 75 Resp: 551
 Ion Ratio Lower Upper
 75 100
 155 21.1 74.1 111.1#
 157 67.6 71.0 106.6#

