

Data File : VR025635.D
Acq On : 24 Aug 2018 15:16
Operator : SY/MD
Sample : J4601-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0SX9

Quant Time: Aug 24 23:05:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 24 23:05:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	422336	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	350900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	102261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	136991	4.98	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	2.62	69	120832	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	3.63	63	236478	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	6.59	46	133974	63.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.92%
24) Chloroform-d	7.21	84	223695	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	7.89	65	79318	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	7.86	84	532976	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	8.90	67	152452	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	9.97	98	478644	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	10.24	79	30735	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	10.59	63	126488	56.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62400	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	105524	6.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.20%#

Target Compounds

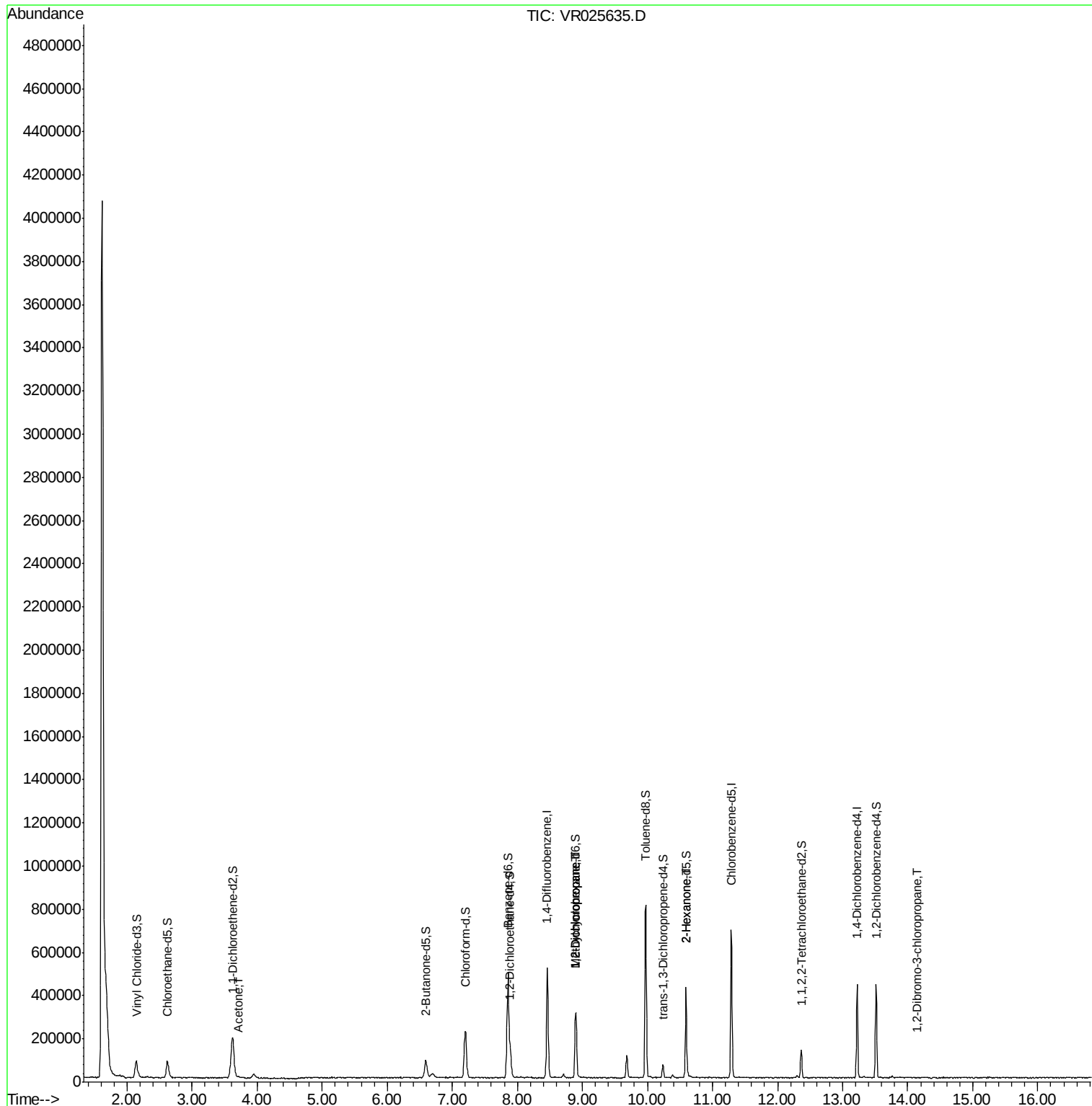
					Qvalue
13) Acetone	3.71	43	2756	2.112 ug/L	74
35) Methylcyclohexane	8.90	83	33315	0.698 ug/L #	23
37) 1,2-Dichloropropane	8.90	63	14647	0.521 ug/L #	93
48) 2-Hexanone	10.59	43	14954	3.148 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.14	75	204	0.277 ug/L #	32

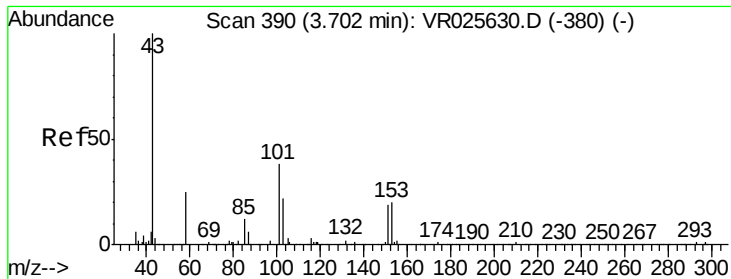
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.112 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

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MSVOA_R

ClientSampleId :

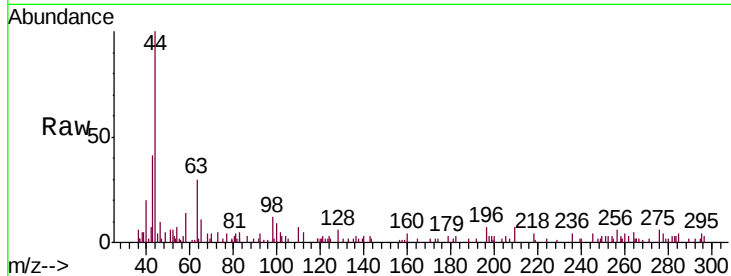
C05X9

Tgt Ion: 43 Resp: 2756

Ion Ratio Lower Upper

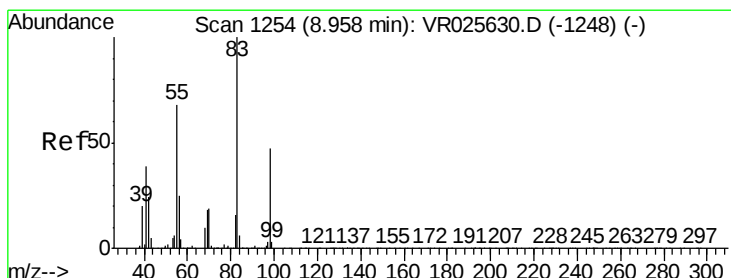
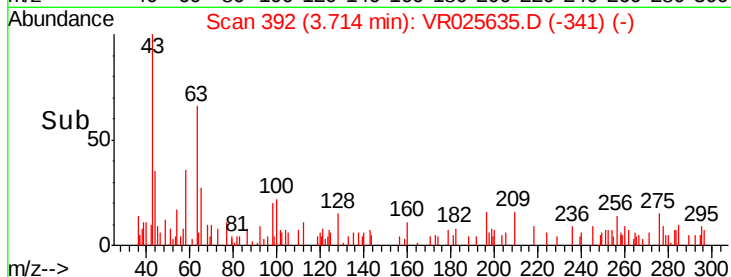
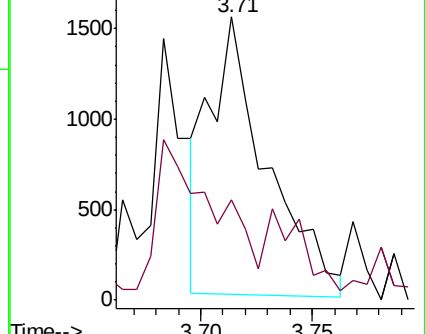
43 100

58 17.3 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

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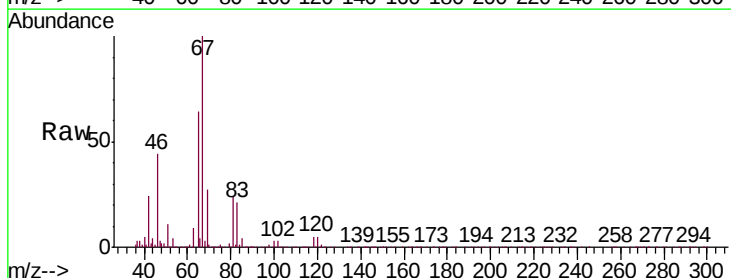
Tgt Ion: 83 Resp: 33315

Ion Ratio Lower Upper

83 100

55 1.5 56.7 85.1#

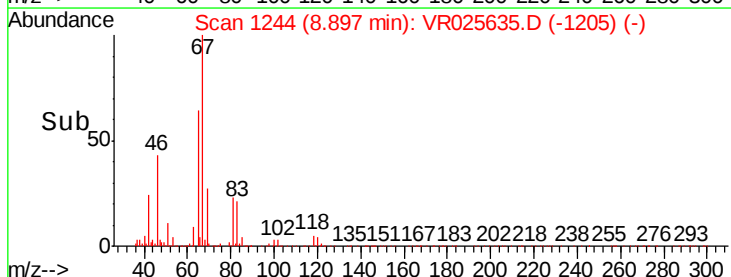
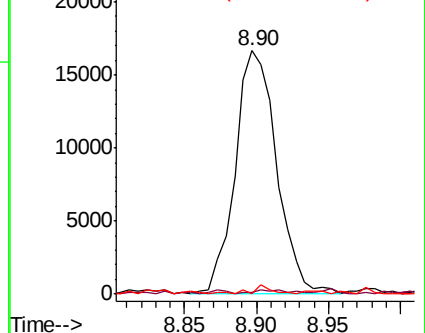
98 1.7 35.8 53.8#

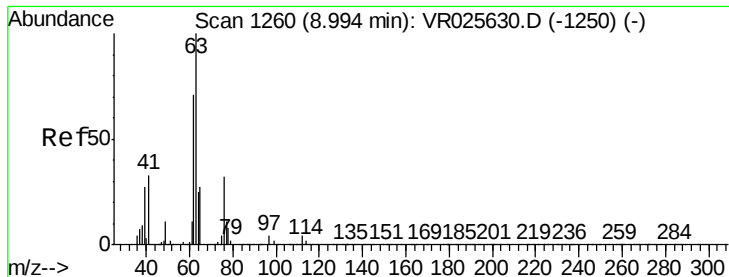


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.521 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

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Instrument :

MSVOA_R

ClientSampleId :

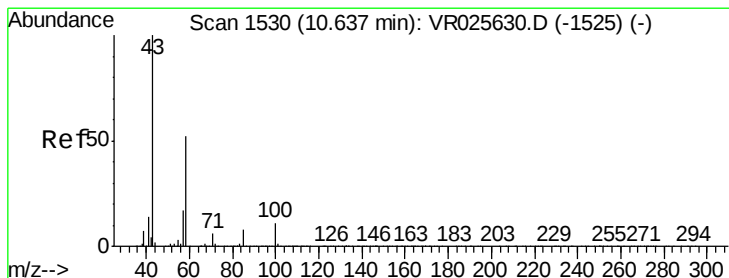
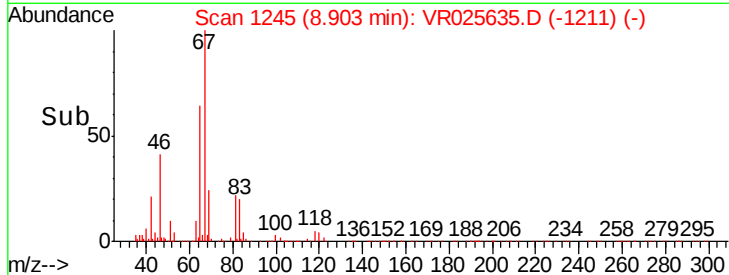
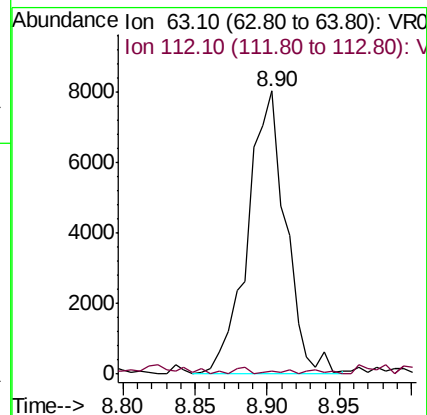
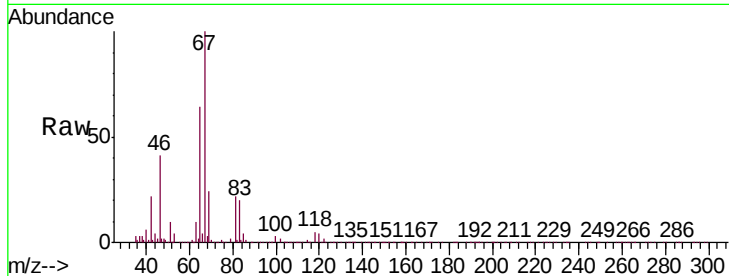
C0SX9

Tgt Ion: 63 Resp: 14647

Ion Ratio Lower Upper

63 100

112 0.6 2.5 3.7#



#48

2-Hexanone

Concen: 3.148 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

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Acq: 24 Aug 2018 15:16

Tgt Ion: 43 Resp: 14954

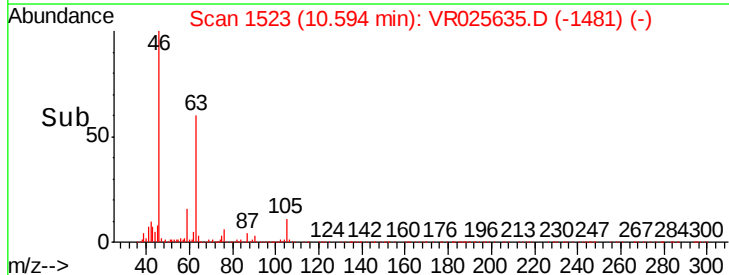
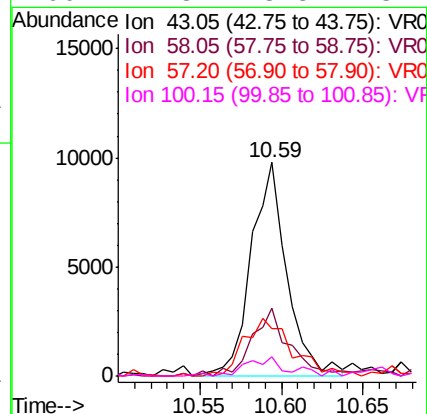
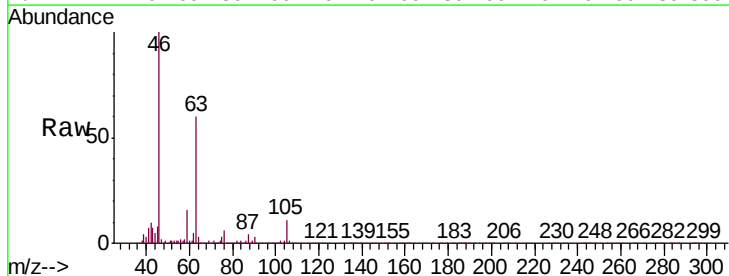
Ion Ratio Lower Upper

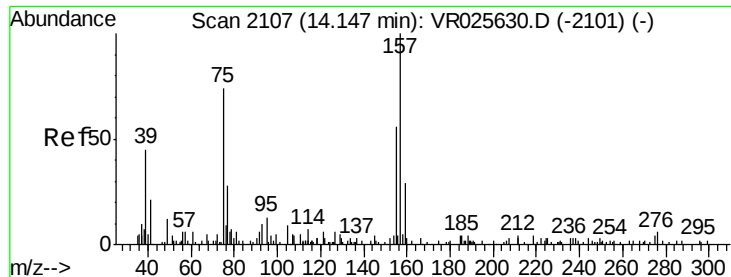
43 100

58 33.6 46.4 69.6#

57 36.4 14.3 21.5#

100 7.8 8.8 13.2#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.277 ug/L
 RT: 14.14 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VR025635.D
 Acq: 24 Aug 2018 15:16

Instrument :
 MSVOA_R
 ClientSampleId :
 C0SX9

Tgt Ion: 75 Resp: 204
 Ion Ratio Lower Upper
 75 100
 155 29.6 55.2 82.8#
 157 26.1 89.4 134.2#

