

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025677.D
 Acq On : 5 Sep 2018 19:19
 Operator : SY/MD
 Sample : J4750-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0SY6

Quant Time: Sep 06 03:37:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	430862	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	365204	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	102598	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	121610	4.33	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	2.64	69	105252	4.35	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	3.63	63	227213	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	6.60	46	132050	61.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.58%
24) Chloroform-d	7.21	84	233137	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.89	65	82293	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.86	84	539807	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	8.90	67	151443	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	9.97	98	499313	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	10.24	79	30140	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	10.59	63	143379	61.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64027	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	104839	6.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.80%#

Target Compounds

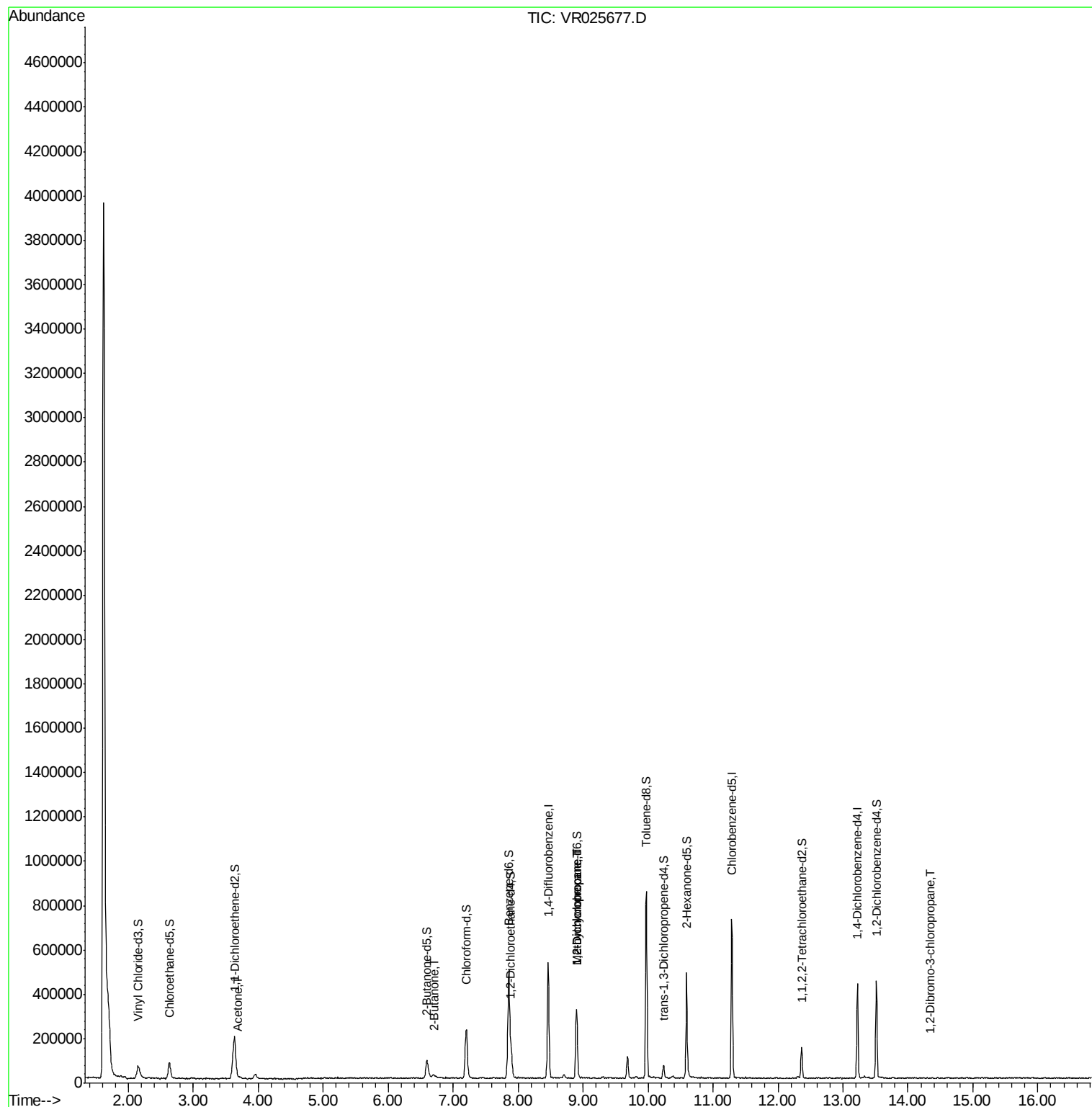
					Ovalue
13) Acetone	3.70	43	2371	1.78	ug/L 47
21) 2-Butanone	6.71	43	825	0.31	ug/L 77
35) Methylcyclohexane	8.90	83	33132	0.67	ug/L # 23
37) 1,2-Dichloropropane	8.90	63	14007	0.48	ug/L # 94
66) 1,2-Dibromo-3-chloropropan	14.35	75	178	0.24	ug/L 86

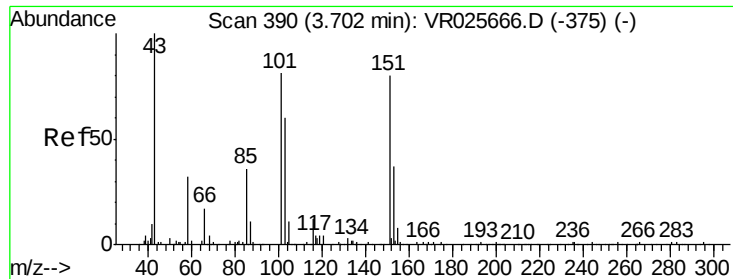
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.78 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

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Acq: 5 Sep 2018 19:19

Instrument :

MSVOA_R

ClientSampled :

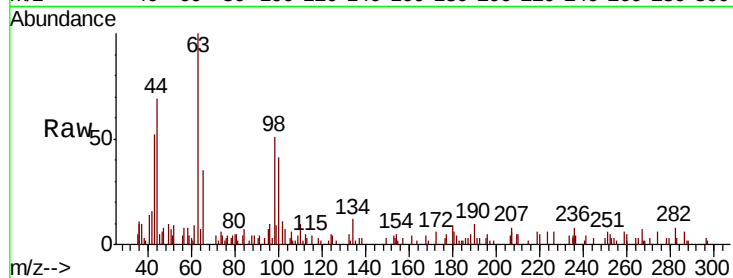
C0SY6

Tot Ion: 43 Resp: 2371

Ion Ratio Lower Upper

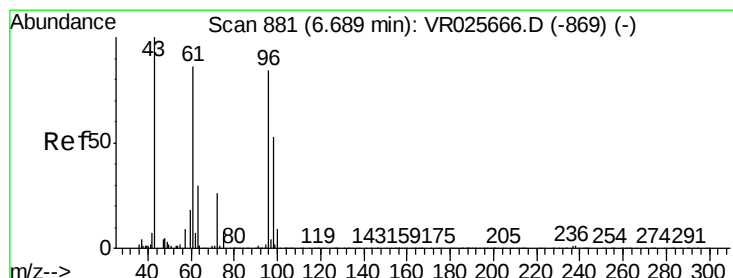
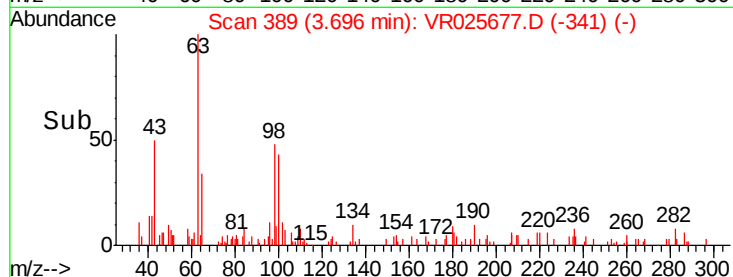
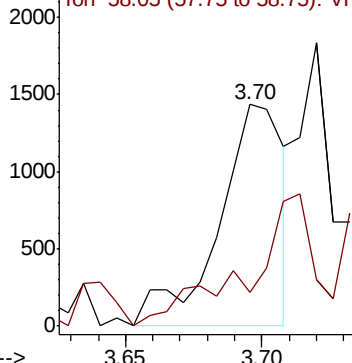
43 100

58 61.1 0.0 63.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.31 ug/L

RT: 6.71 min Scan# 884

Delta R.T. 0.02 min

Lab File: VR025677.D

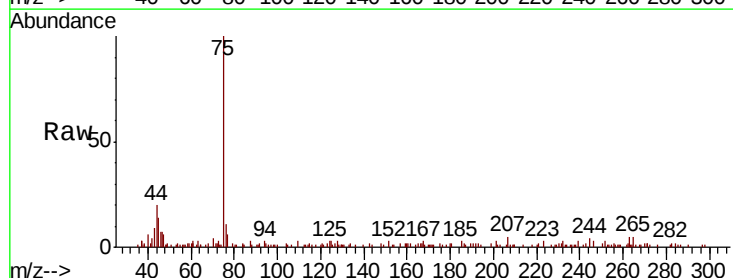
Acq: 5 Sep 2018 19:19

Tgt Ion: 43 Resp: 825

Ion Ratio Lower Upper

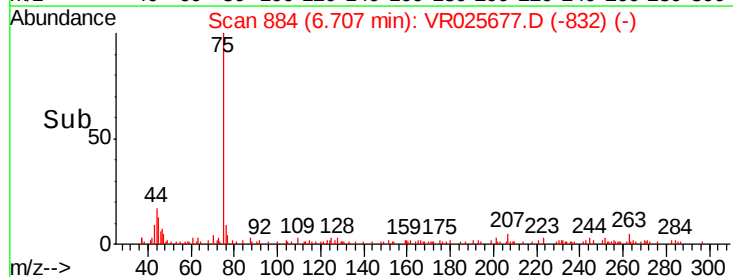
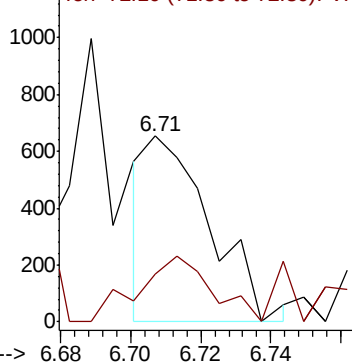
43 100

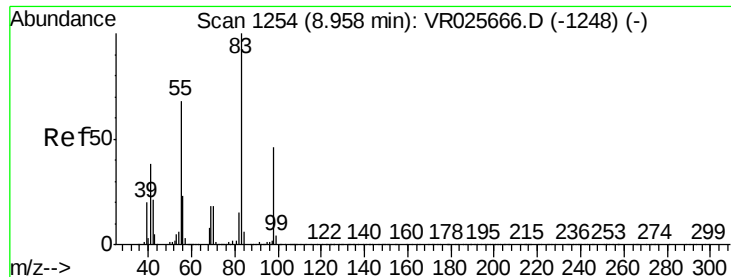
72 40.7 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#35

Methylcyclohexane

Concen: 0.67 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

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Instrument :

MSVOA_R

ClientSampleId :

C0SY6

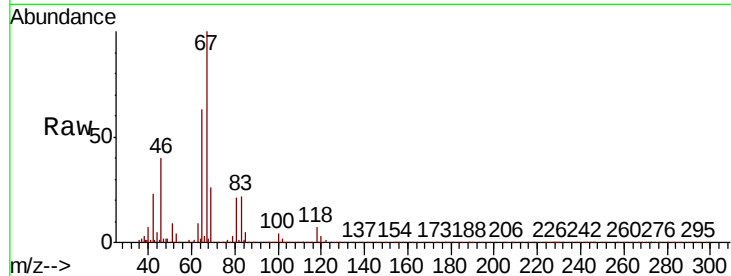
Tot Ion: 83 Resp: 33132

Ion Ratio Lower Upper

83 100

55 0.8 56.7 85.1#

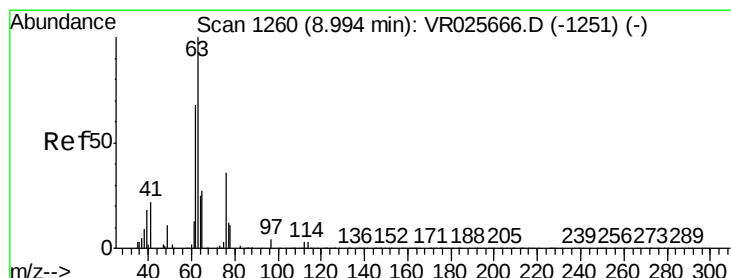
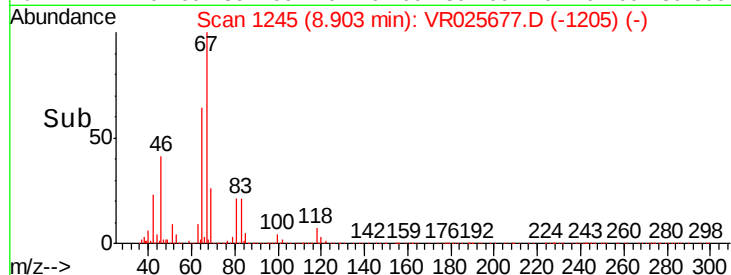
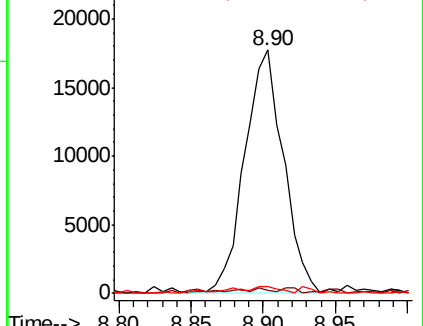
98 1.9 35.8 53.8#



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: 0.48 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025677.D

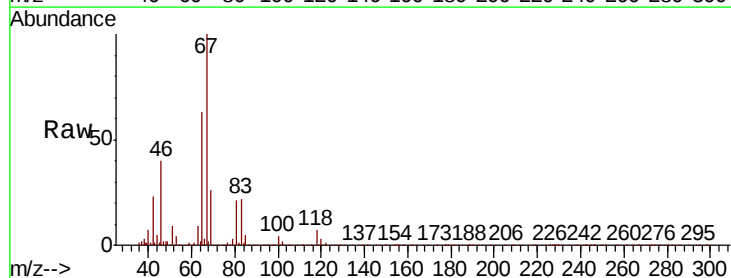
Acq: 5 Sep 2018 19:19

Tgt Ion: 63 Resp: 14007

Ion Ratio Lower Upper

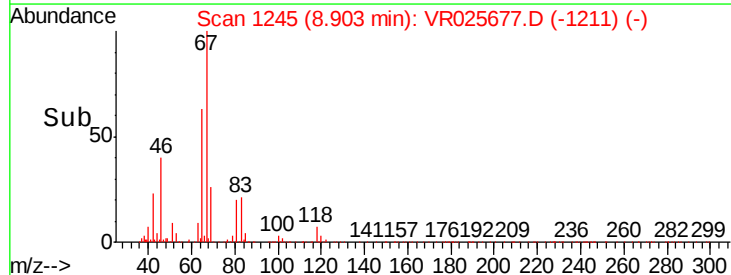
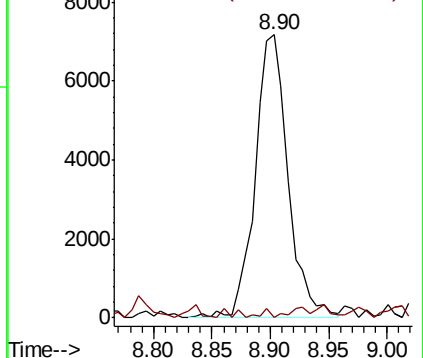
63 100

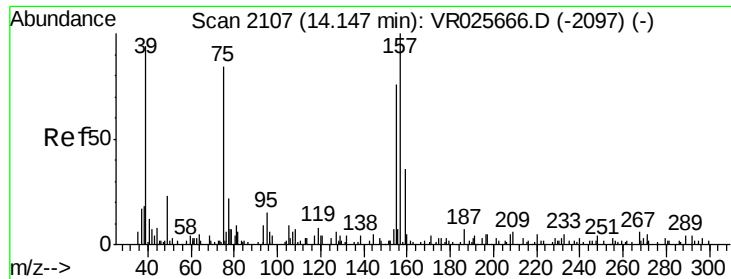
112 1.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.24 ug/L
 RT: 14.35 min Scan# 2140
 Delta R.T. 0.20 min
 Lab File: VR025677.D
 Acq: 5 Sep 2018 19:19

Instrument :
 MSVOA_R
 ClientSampleId :
 C0SY6

Tot Ion: 75 Resp: 178
 Ion Ratio Lower Upper
 75 100
 155 65.8 55.2 82.8
 157 91.0 89.4 134.2

