

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025678.D
 Acq On : 5 Sep 2018 19:52
 Operator : SY/MD
 Sample : J4750-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 06 03:37:43 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	459403	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	391763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	116765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	123646	4.13	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	2.63	69	105665	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	3.63	63	222194	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	6.60	46	137095	60.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.34%
24) Chloroform-d	7.20	84	232410	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	7.90	65	82191	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	7.86	84	550930	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	8.90	67	153487	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	9.97	98	497958	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	10.24	79	28990	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	147473	58.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66017	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	110474	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

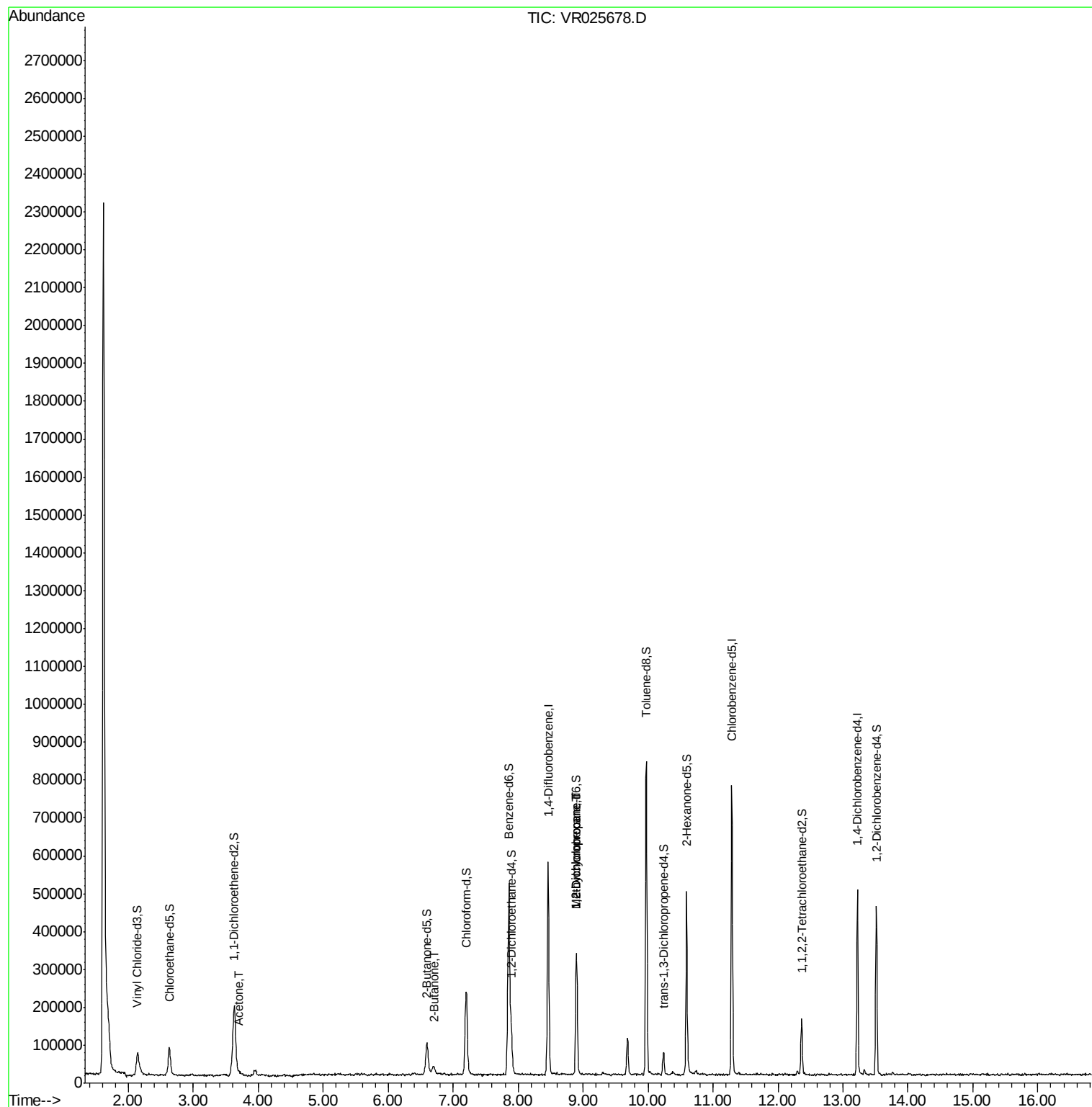
Target Compounds					Ovalue
13) Acetone	3.71	43	11649	8.21 ug/L	90
21) 2-Butanone	6.70	43	3249	1.16 ug/L	98
35) Methylcyclohexane	8.90	83	35836	0.67 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	15120	0.48 ug/L #	95

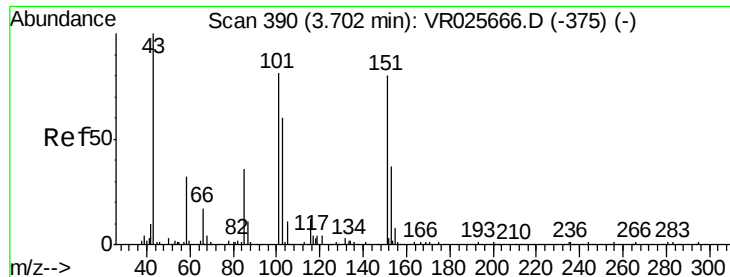
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.21 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

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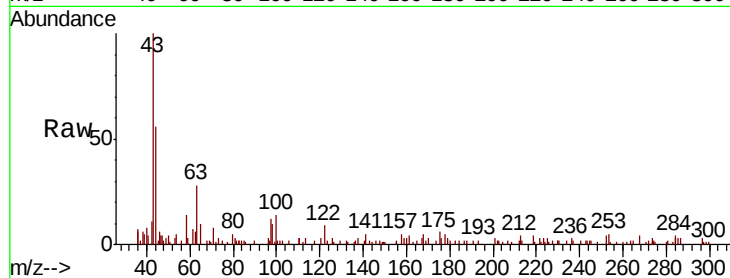
Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 11649

Ion Ratio Lower Upper

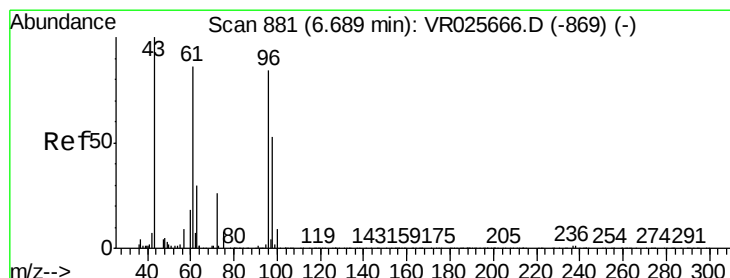
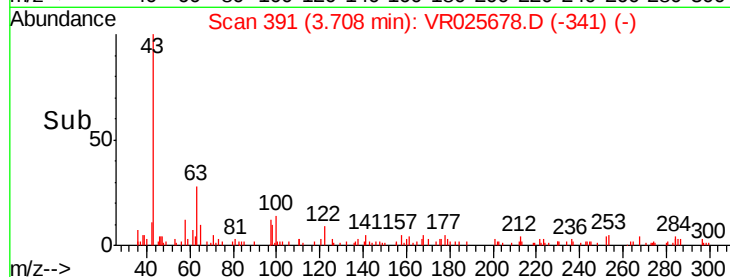
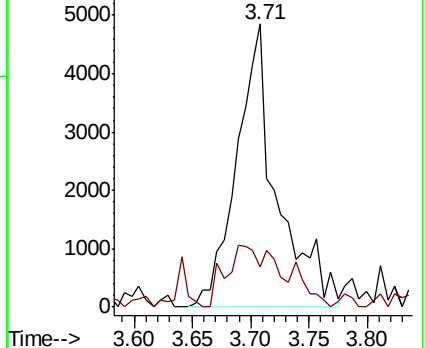
43 100

58 26.2 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: 1.16 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

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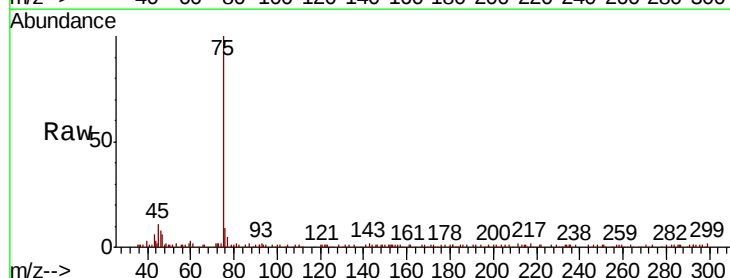
Acq: 5 Sep 2018 19:52

Tgt Ion: 43 Resp: 3249

Ion Ratio Lower Upper

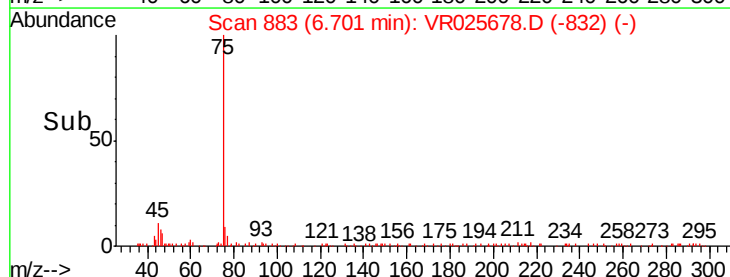
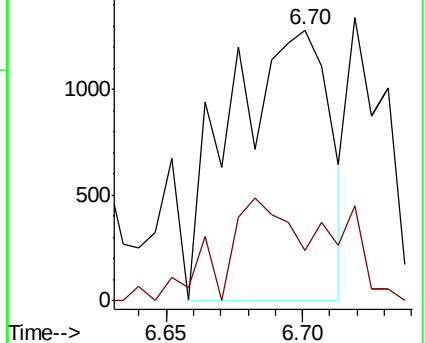
43 100

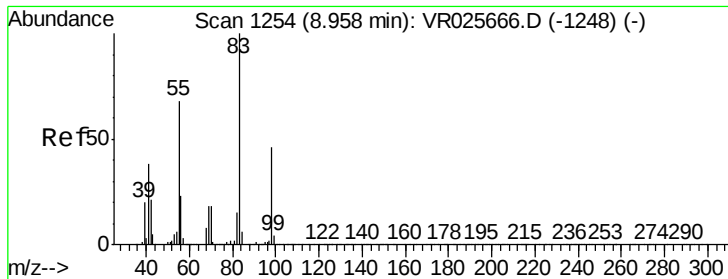
72 27.6 14.3 42.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

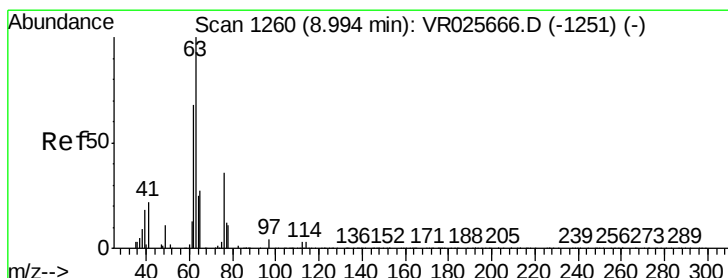
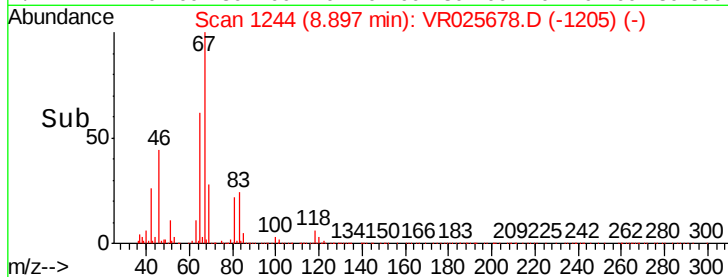
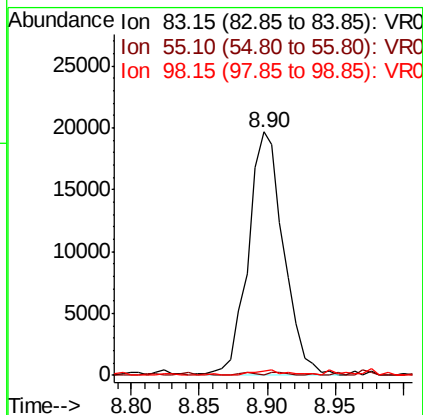
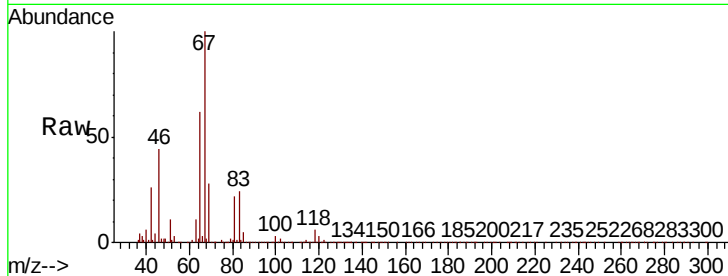




#35
Methvlcvclohexane
Concen: 0.67 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
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Instrument :
MSVOA_R
ClientSampled :

Tot Ion	83	Resp	35836
Ion Ratio	Lower	Upper	
83	100		
55	0.4	56.7	85.1#
98	2.1	35.8	53.8#



#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
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Tgt Ion	63	Resp	15120
Ion Ratio	Lower	Upper	
63	100		
112	1.3	2.5	3.7#

