

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025334.D
 Acq On : 16 Jun 2018 20:49
 Operator : SY/MD
 Sample : J3550-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWF6

Quant Time: Jun 18 02:42:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 02:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	529639	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	436670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	135561	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	94658	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	2.63	69	77577	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	3.63	63	168077	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	6.60	46	227023	46.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	7.21	84	322912	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	7.89	65	133777	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	7.85	84	698111	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	8.90	67	214251	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	9.97	98	579748	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	10.24	79	33404	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	10.59	63	211435	54.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.84%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	91303	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	125117	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

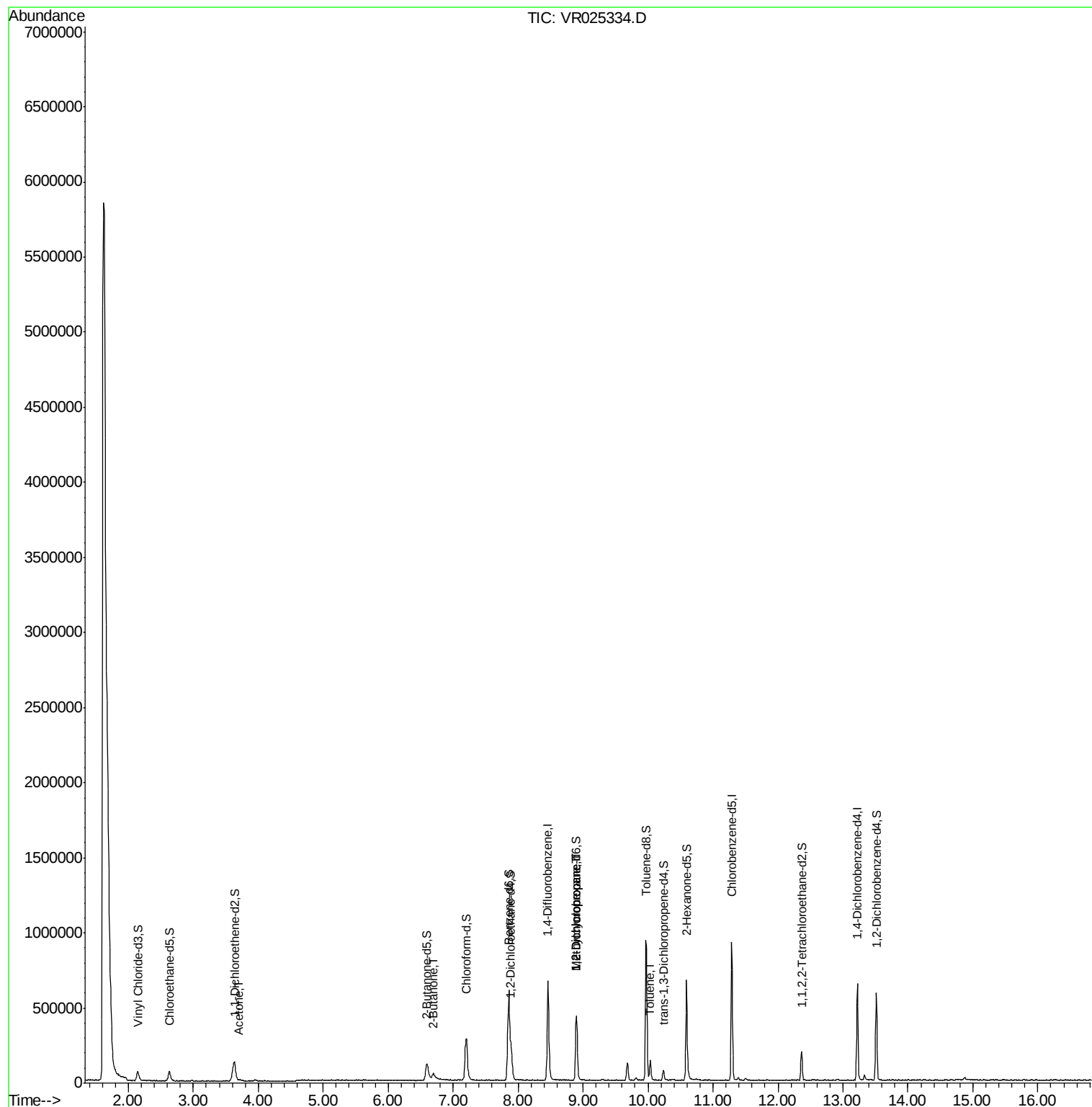
					Qvalue
13) Acetone	3.70	43	9334	4.274 ug/L	94
21) 2-Butanone	6.69	43	30159	5.843 ug/L	97
35) Methylcyclohexane	8.90	83	44608	0.682 ug/L #	19
37) 1,2-Dichloropropane	8.90	63	21746	0.571 ug/L #	94
42) Toluene	10.03	91	90520	0.493 ug/L	93

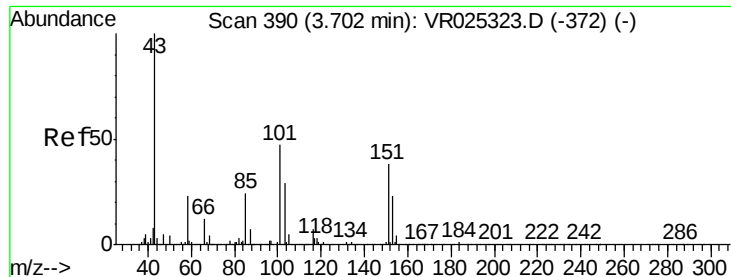
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.274 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

Lab File: VR025334.D

Acq: 16 Jun 2018 20:49

Instrument :

MSVOA_R

ClientSampled :

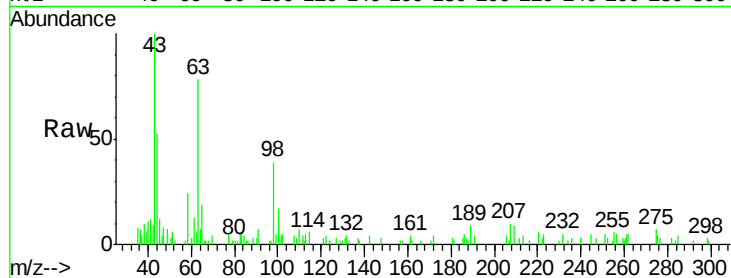
ESWF6

Tgt Ion: 43 Resp: 9334

Ion Ratio Lower Upper

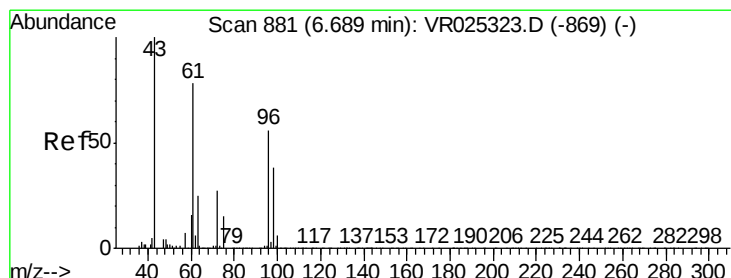
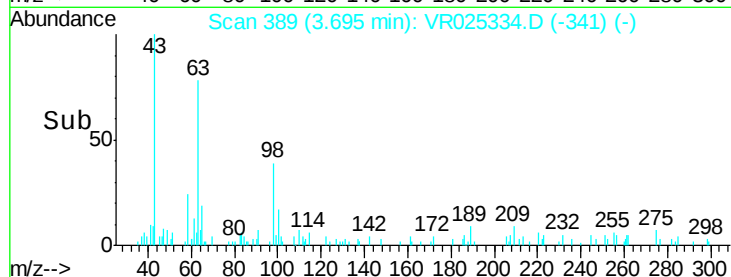
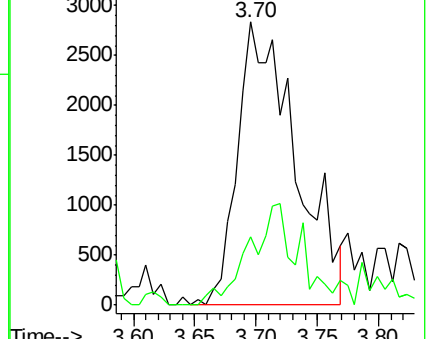
43 100

58 23.8 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 5.843 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025334.D

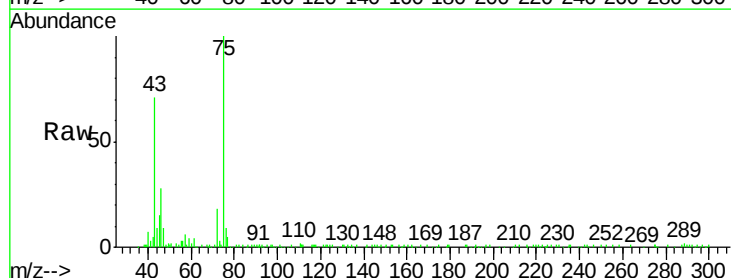
Acq: 16 Jun 2018 20:49

Tgt Ion: 43 Resp: 30159

Ion Ratio Lower Upper

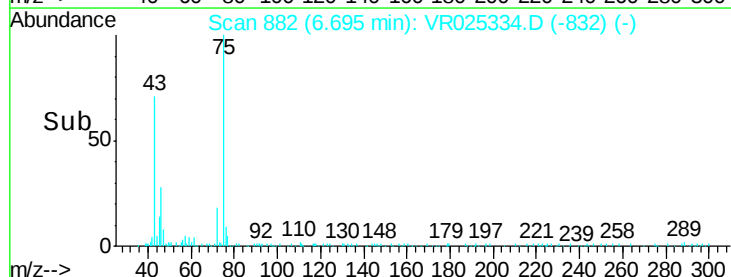
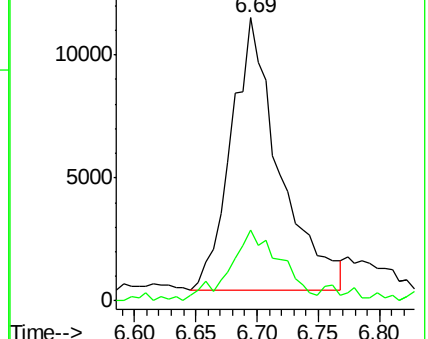
43 100

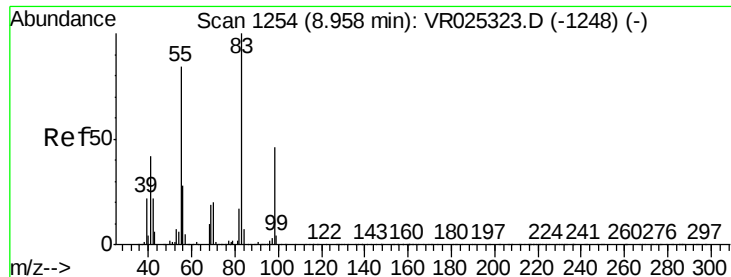
72 27.5 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

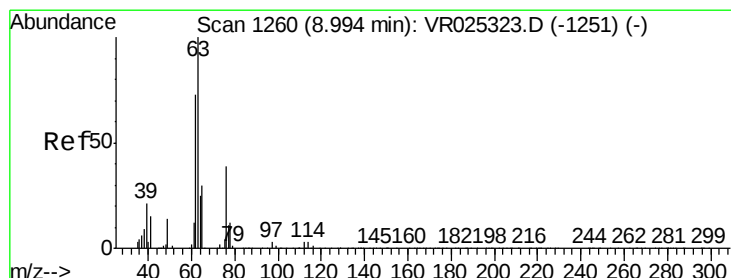
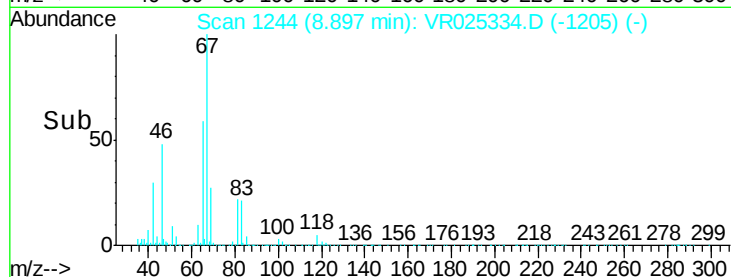
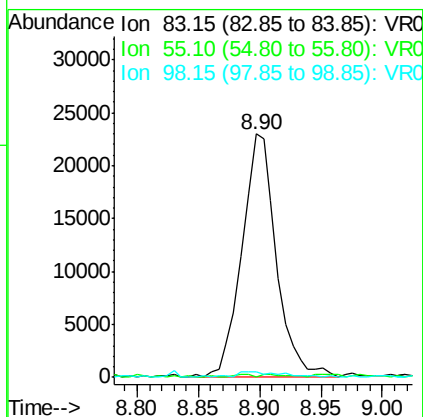
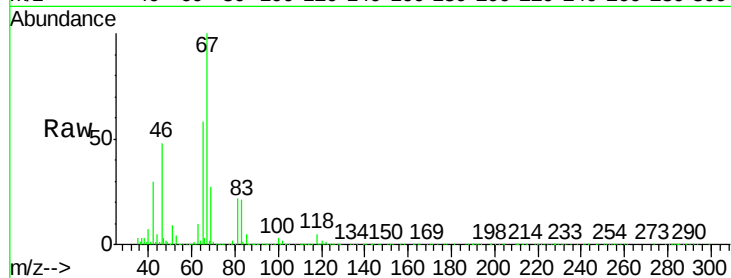




#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025334.D
Acq: 16 Jun 2018 20:49

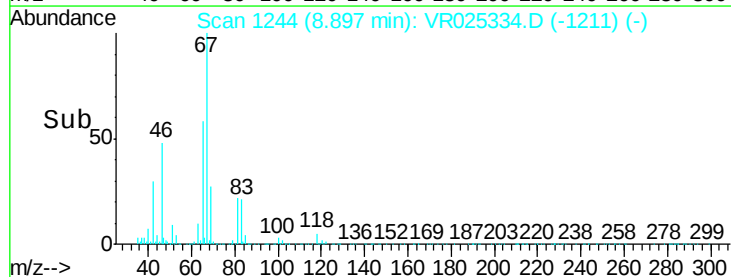
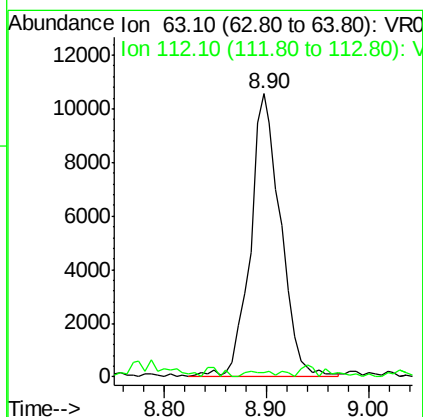
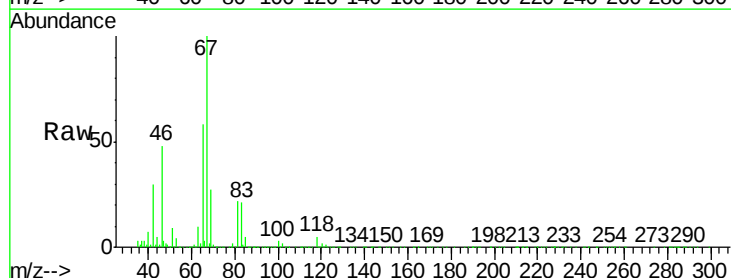
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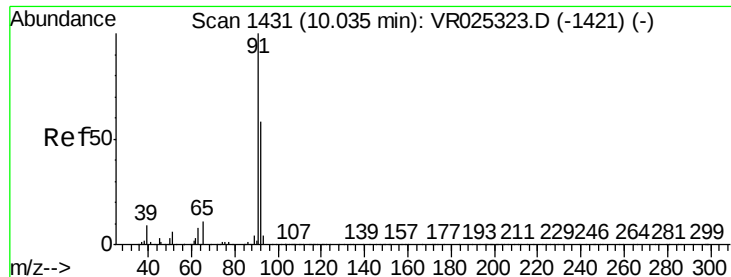
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.1	66.1	99.1#
98	3.1	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025334.D
Acq: 16 Jun 2018 20:49

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.7	2.9	4.3#





#42

Toluene

Concen: 0.493 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VR025334.D

Acq: 16 Jun 2018 20:49

Instrument :

MSVOA_R

ClientSampleId :

ESWF6

Tgt Ion: 91 Resp: 90520

Ion Ratio Lower Upper

91 100

92 54.5 41.9 77.7

