

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025348.D
 Acq On : 17 Jun 2018 6:07
 Operator : SY/MD
 Sample : J3513-08
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 COKE4

Quant Time: Jun 18 04:10:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	558172	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	468283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	140661	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	73697	3.87	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	2.64	69	60459	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	3.63	63	137595	2.81	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	6.59	46	265598	52.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.24%
24) Chloroform-d	7.20	84	286386	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	7.89	65	117782	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	7.86	84	586322	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.80%
36) 1,2-Dichloropropane-d6	8.90	67	192718	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	9.97	98	467788	3.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.60%#
43) trans-1,3-Dichloropropene-	10.23	79	23743	1.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	39.60%#
46) 2-Hexanone-d5	10.59	63	209375	50.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84758	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	107182	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

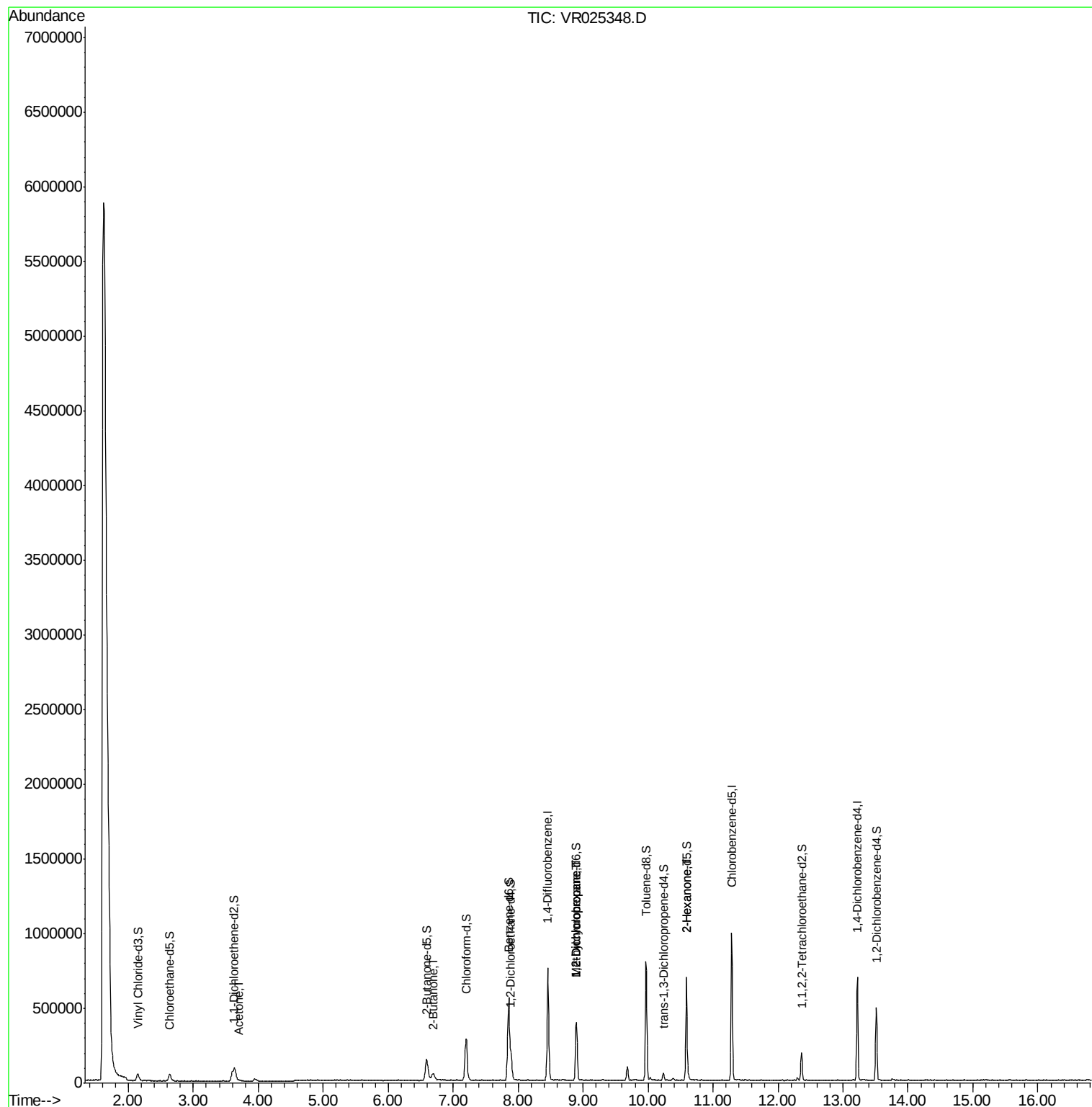
					Qvalue
13) Acetone	3.70	43	9434	4.099 ug/L	92
21) 2-Butanone	6.69	43	3681	0.677 ug/L #	60
35) Methylcyclohexane	8.90	83	42532	0.606 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	19902	0.487 ug/L #	92
48) 2-Hexanone	10.59	43	27543	3.267 ug/L #	74

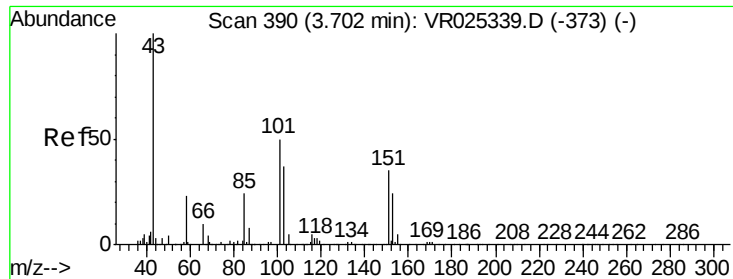
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.099 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.00 min

Lab File: VR025348.D

Acq: 17 Jun 2018 6:07

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MSVOA_R

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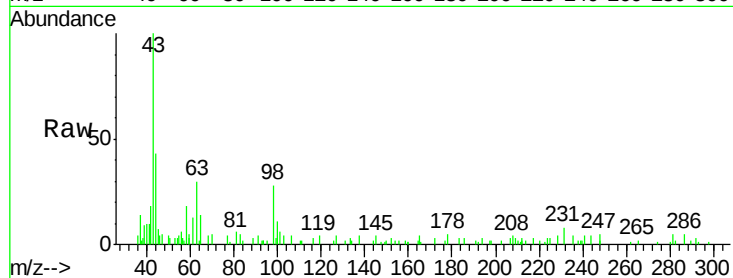
COKE4

Tgt Ion: 43 Resp: 9434

Ion Ratio Lower Upper

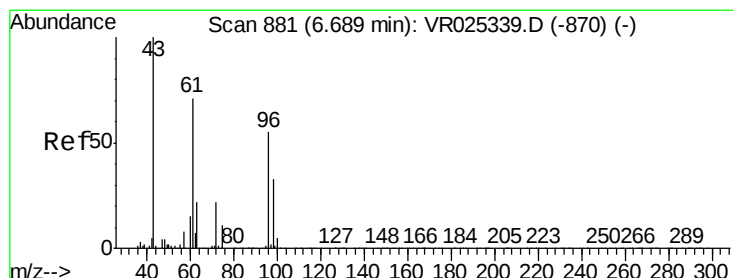
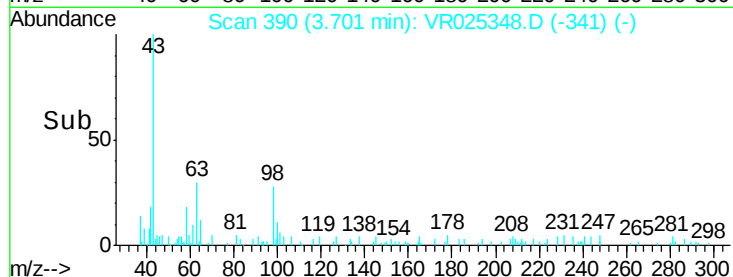
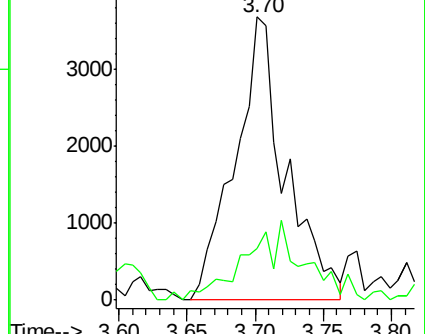
43 100

58 17.1 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: 0.677 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025348.D

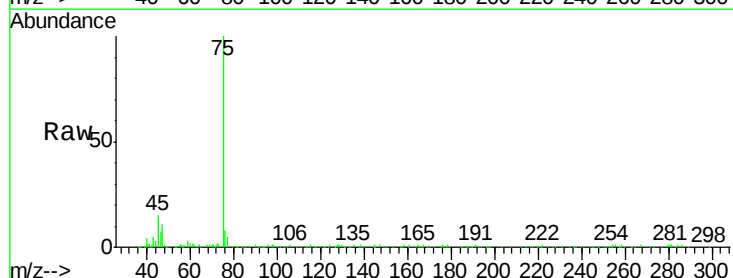
Acq: 17 Jun 2018 6:07

Tgt Ion: 43 Resp: 3681

Ion Ratio Lower Upper

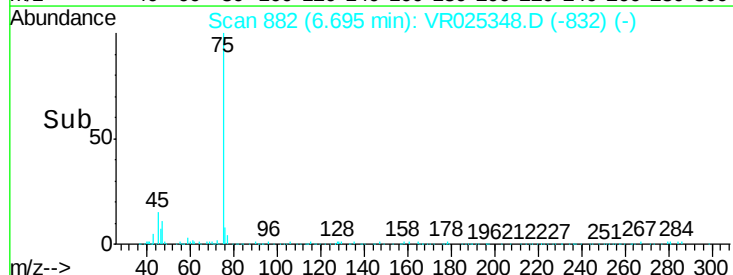
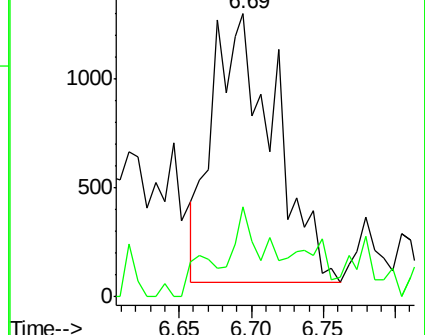
43 100

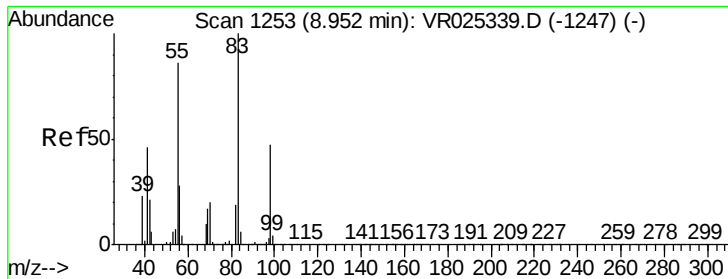
72 5.7 13.0 38.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

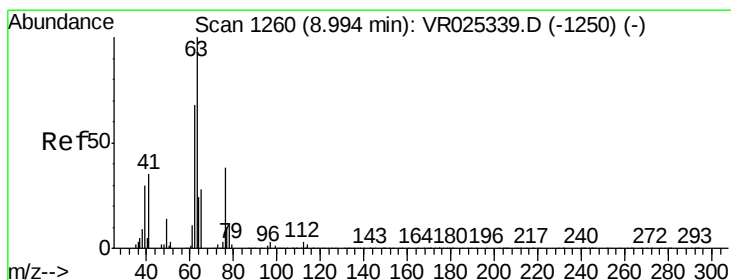
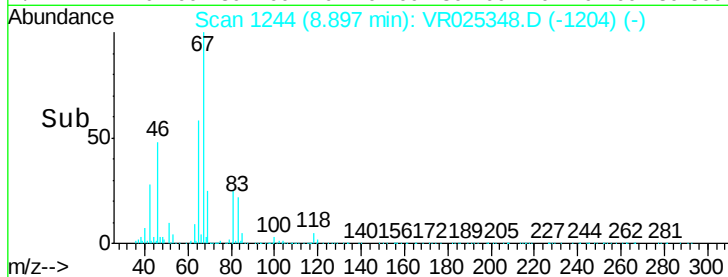
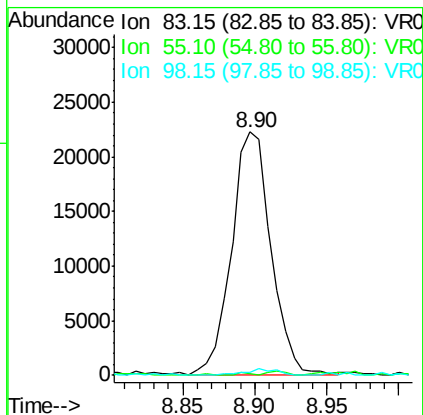
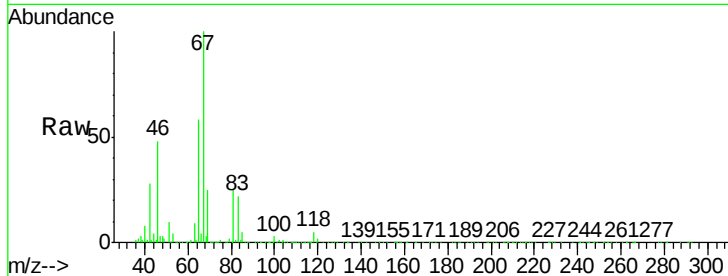




#35
Methylcyclohexane
Concen: 0.606 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025348.D
Acq: 17 Jun 2018 6:07

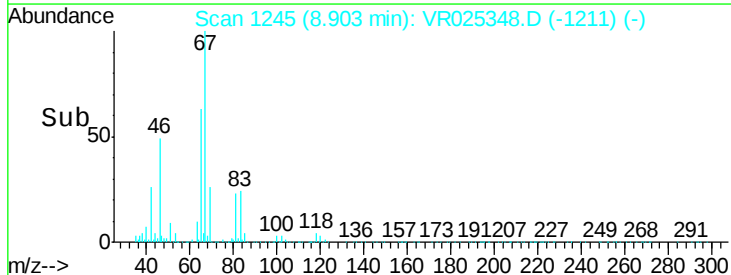
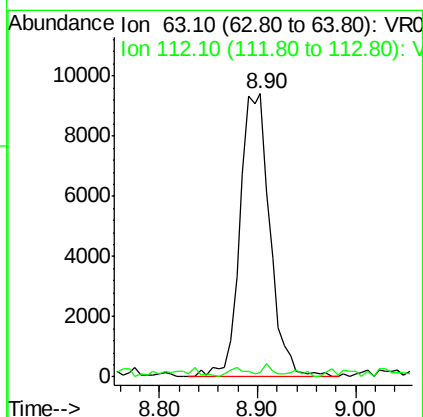
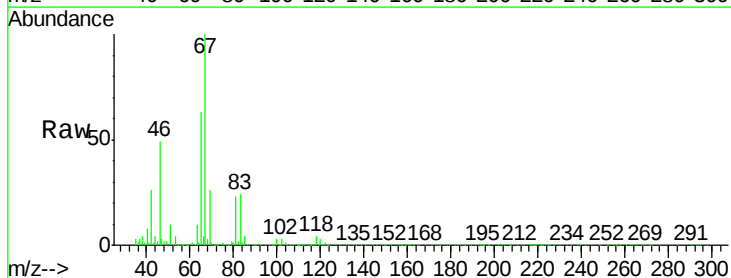
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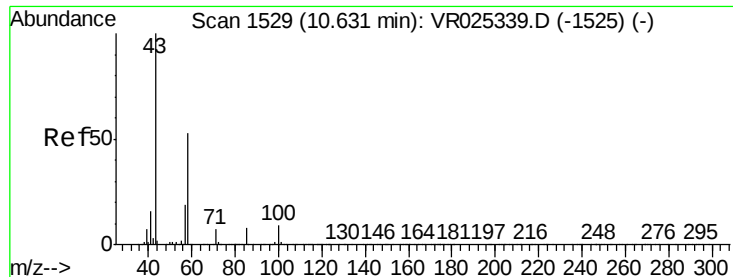
Tgt Ion: 83 Resp: 42532
Ion Ratio Lower Upper
83 100
55 0.4 66.1 99.1#
98 2.4 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.487 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025348.D
Acq: 17 Jun 2018 6:07

Tgt Ion: 63 Resp: 19902
Ion Ratio Lower Upper
63 100
112 1.1 2.9 4.3#





#48

2-Hexanone

Concen: 3.267 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025348.D

Acq: 17 Jun 2018 6:07

Instrument :

MSVOA_R

ClientSampleId :

COKE4

Tgt Ion: 43 Resp: 27543

Ion Ratio Lower Upper

43 100

58 32.0 43.1 64.7#

57 28.2 15.3 22.9#

100 5.9 7.9 11.9#

