

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061918\
 Data File : VR025369.D
 Acq On : 19 Jun 2018 17:01
 Operator : SY/MD
 Sample : J3553-13
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KK1

Quant Time: Jun 20 01:38:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 20 01:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	564565	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	485001	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	156472	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	74596	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	2.64	69	57539	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	3.65	63	161685	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	6.60	46	314091	60.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.88%
24) Chloroform-d	7.20	84	376300	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	7.90	65	157214	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	7.86	84	814198	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	8.90	67	247242	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	9.97	98	716206	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	10.24	79	46599	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	10.59	63	267487	61.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	107975	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	159684	6.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.40%#

Target Compounds

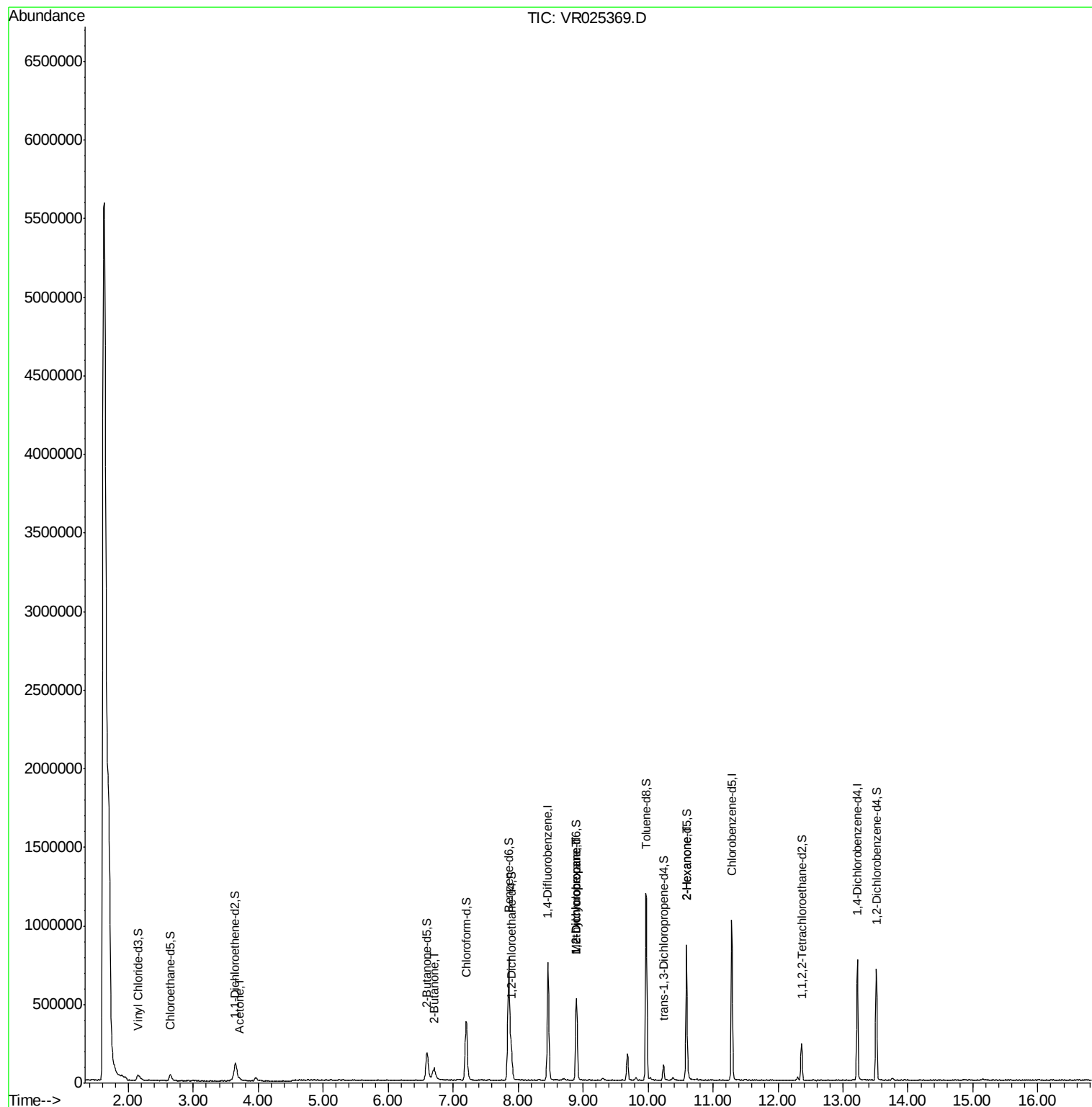
					Qvalue
13) Acetone	3.71	43	10154	4.362 ug/L	96
21) 2-Butanone	6.71	43	6943	1.262 ug/L	96
35) Methylcyclohexane	8.90	83	55017	0.757 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	25421	0.601 ug/L #	90
48) 2-Hexanone	10.59	43	31972	3.661 ug/L #	65

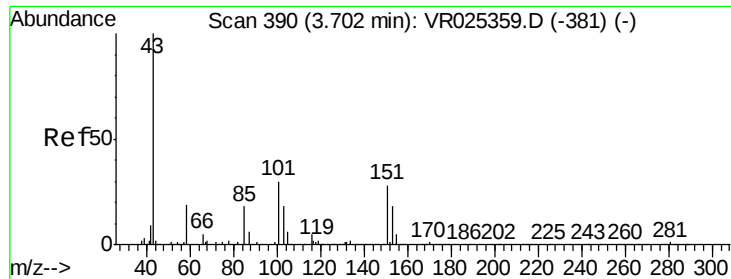
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.362 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025369.D

Acq: 19 Jun 2018 17:01

Instrument :

MSVOA_R

ClientSampleId :

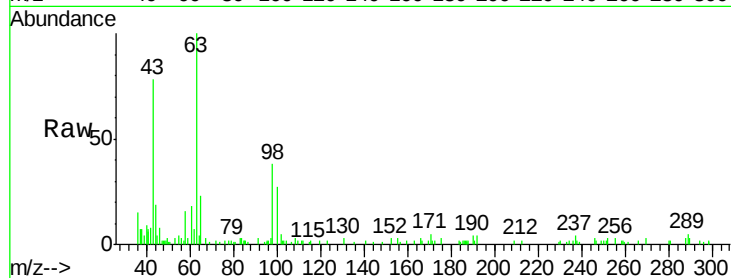
C0KK1

Tgt Ion: 43 Resp: 10154

Ion Ratio Lower Upper

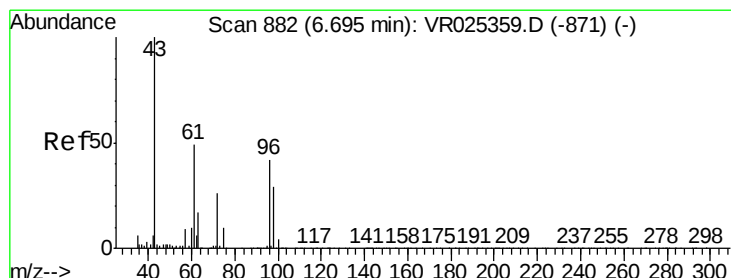
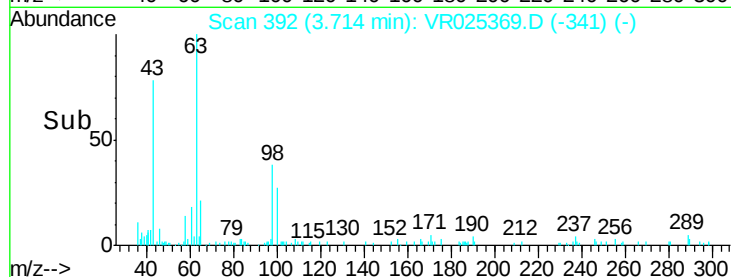
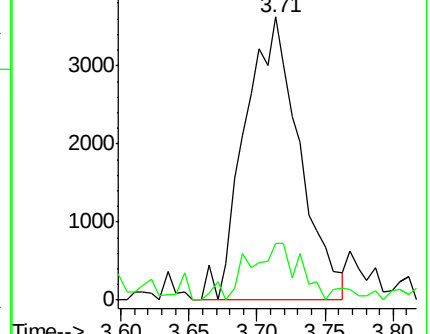
43 100

58 18.9 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: 1.262 ug/L

RT: 6.71 min Scan# 885

Delta R.T. 0.02 min

Lab File: VR025369.D

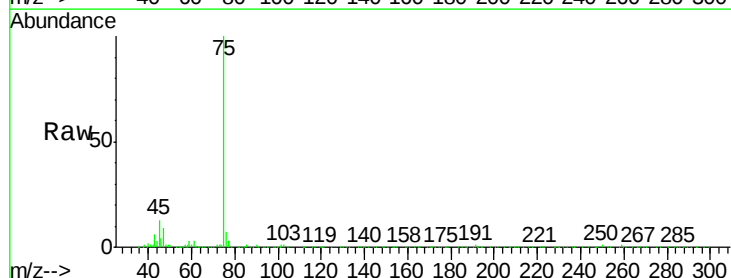
Acq: 19 Jun 2018 17:01

Tgt Ion: 43 Resp: 6943

Ion Ratio Lower Upper

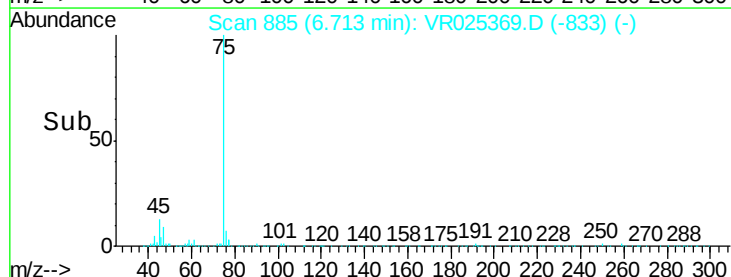
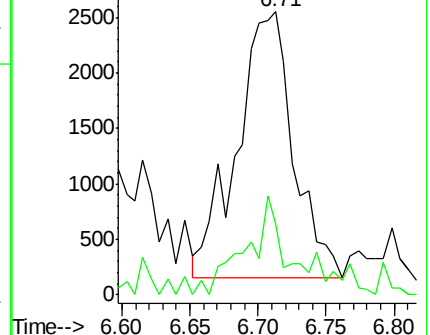
43 100

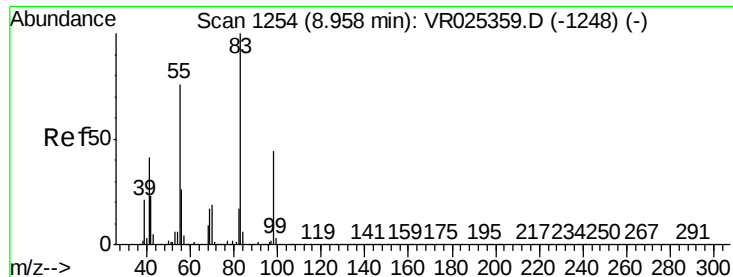
72 24.1 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

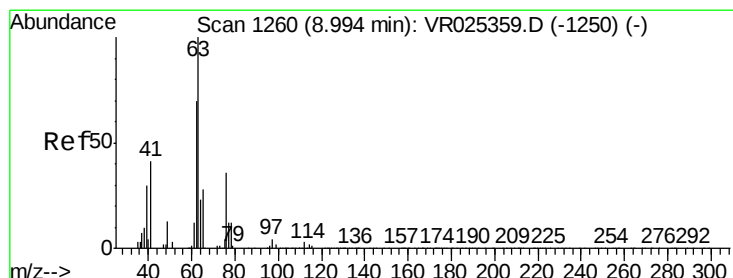
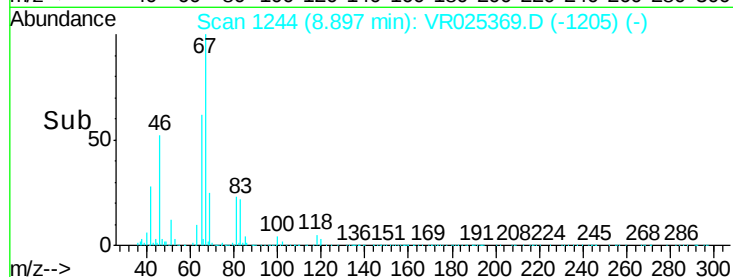
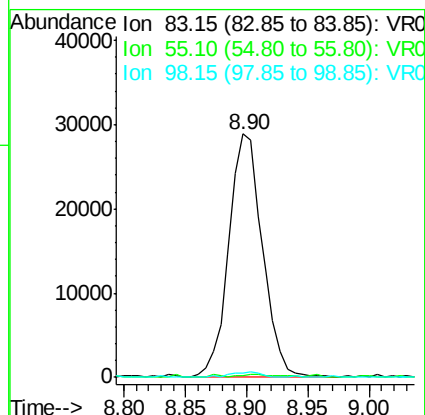
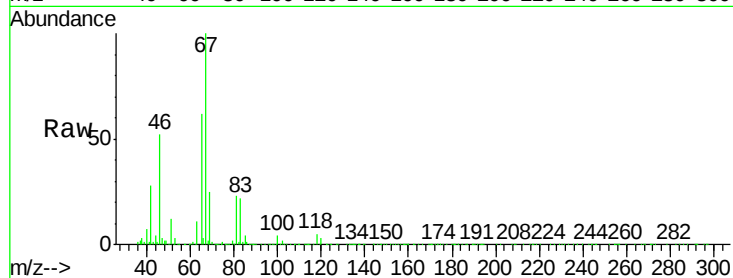




#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025369.D
Acq: 19 Jun 2018 17:01

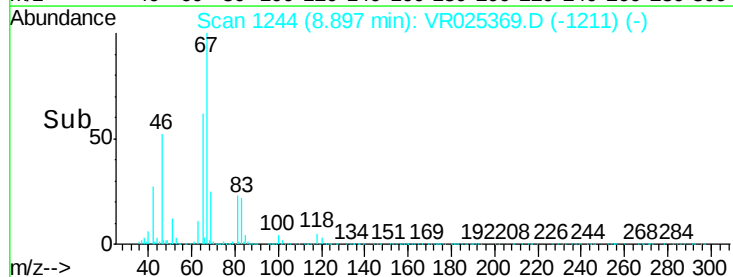
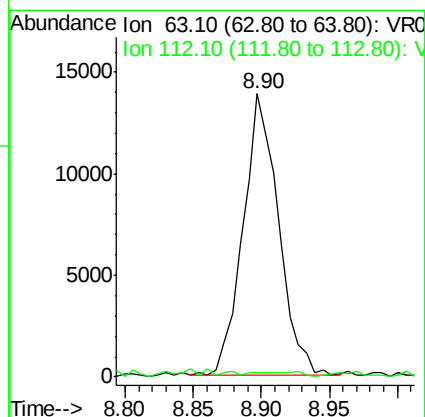
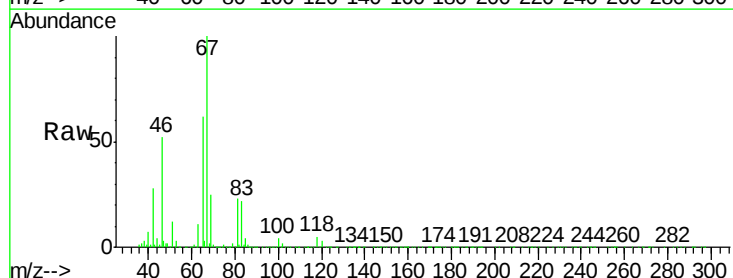
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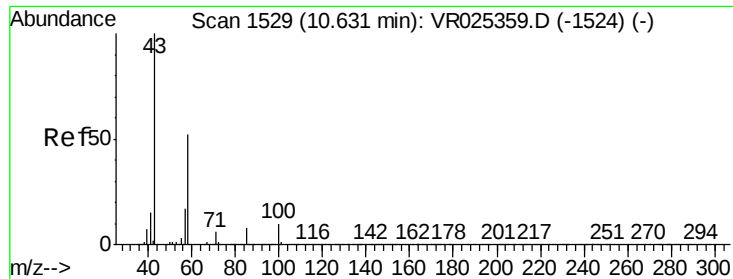
Tgt Ion: 83 Resp: 55017
Ion Ratio Lower Upper
83 100
55 1.3 66.1 99.1#
98 2.2 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025369.D
Acq: 19 Jun 2018 17:01

Tgt Ion: 63 Resp: 25421
Ion Ratio Lower Upper
63 100
112 0.4 2.9 4.3#





#48

2-Hexanone

Concen: 3.661 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025369.D

Acq: 19 Jun 2018 17:01

Instrument :

MSVOA_R

ClientSampleId :

C0KK1

Tgt Ion: 43 Resp: 31972

Ion Ratio Lower Upper

43 100

58 27.7 43.1 64.7#

57 35.8 15.3 22.9#

100 2.6 7.9 11.9#

