

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025356.D
 Acq On : 17 Jun 2018 10:31
 Operator : SY/MD
 Sample : J3550-17
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWG7

Quant Time: Jun 18 04:11:21 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	563888	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	470248	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	77214	4.02	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	2.64	69	65834	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	3.63	63	141186	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	6.59	46	249753	48.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.02%
24) Chloroform-d	7.20	84	291318	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	7.89	65	118699	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	7.85	84	602425	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
36) 1,2-Dichloropropane-d6	8.90	67	189587	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	9.97	98	511688	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	10.24	79	23638	1.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	39.20%#
46) 2-Hexanone-d5	10.59	63	206583	49.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86762	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	122246	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

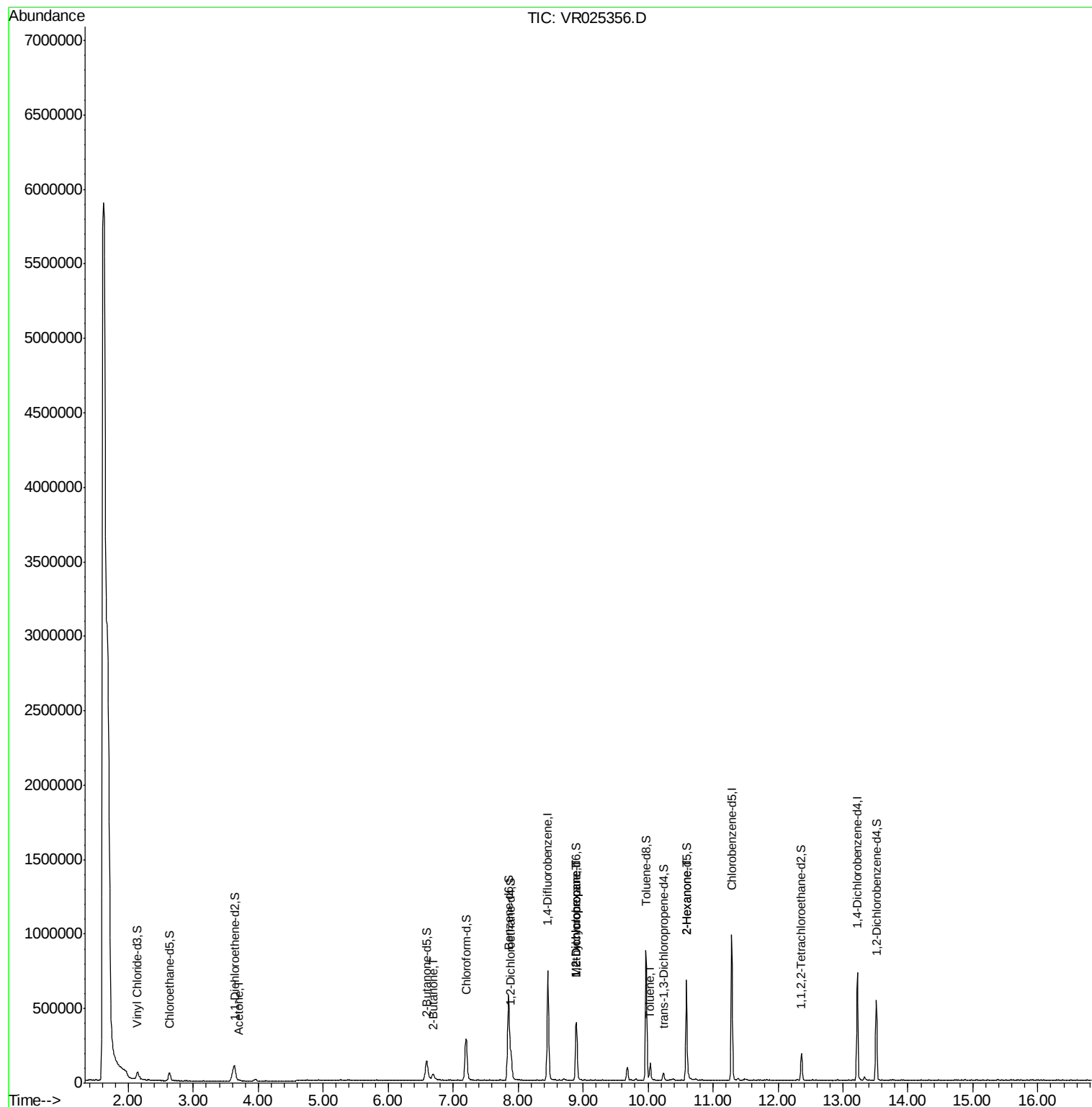
					Qvalue
13) Acetone	3.71	43	9025	3.882 ug/L	92
21) 2-Butanone	6.69	43	29262	5.325 ug/L	81
35) Methylcyclohexane	8.89	83	42100	0.597 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	19958	0.486 ug/L #	93
42) Toluene	10.03	91	74367	0.376 ug/L	100
48) 2-Hexanone	10.59	43	25476	3.009 ug/L #	66

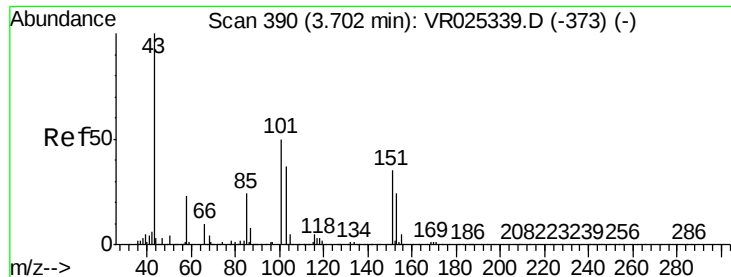
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.882 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025356.D

Acq: 17 Jun 2018 10:31

Instrument :

MSVOA_R

ClientSampleId :

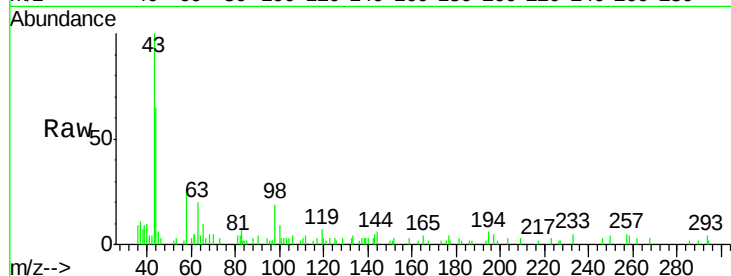
ESWG7

Tgt Ion: 43 Resp: 9025

Ion Ratio Lower Upper

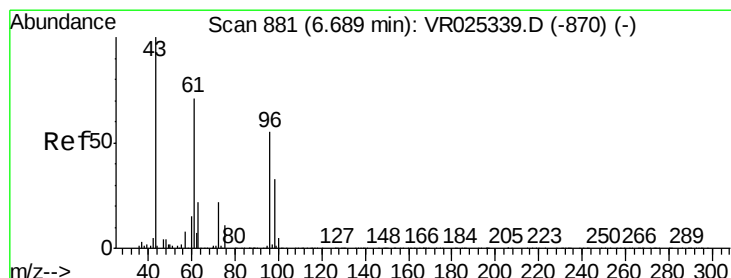
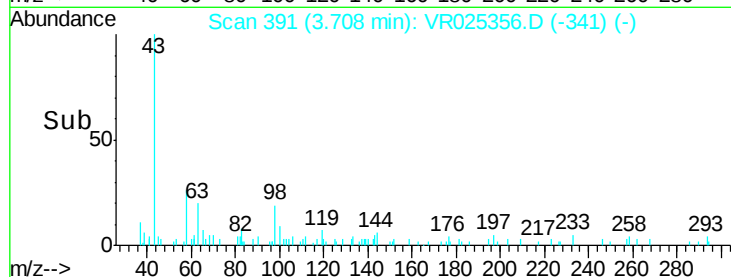
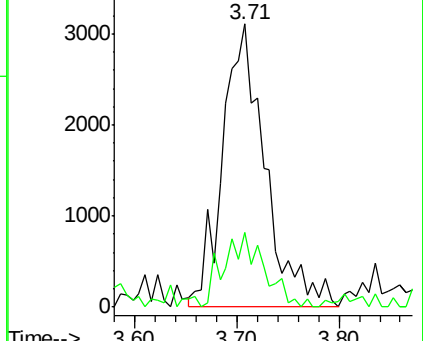
43 100

58 24.7 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: 5.325 ug/L

RT: 6.69 min Scan# 881

Delta R.T. 0.00 min

Lab File: VR025356.D

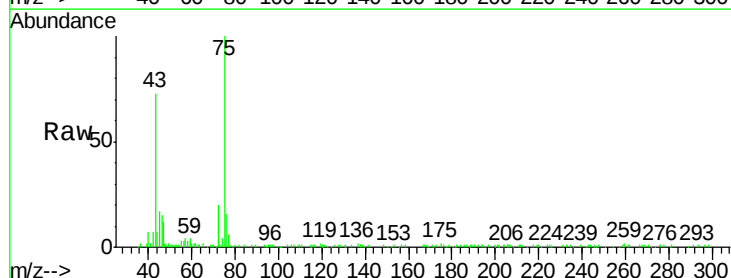
Acq: 17 Jun 2018 10:31

Tgt Ion: 43 Resp: 29262

Ion Ratio Lower Upper

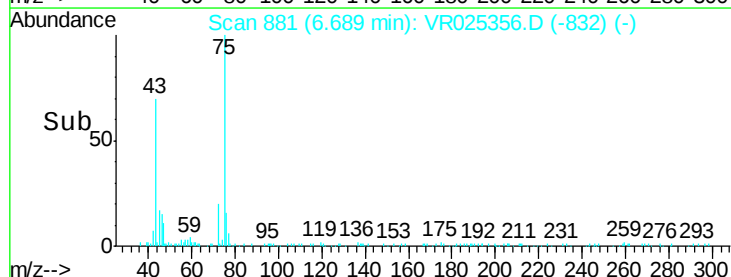
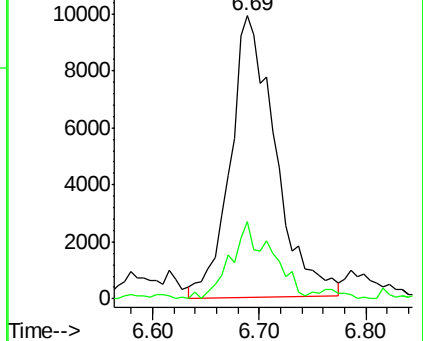
43 100

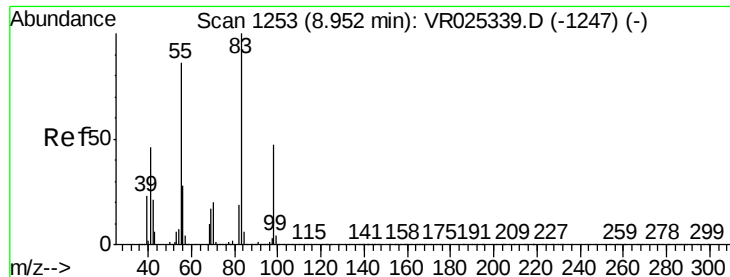
72 16.0 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

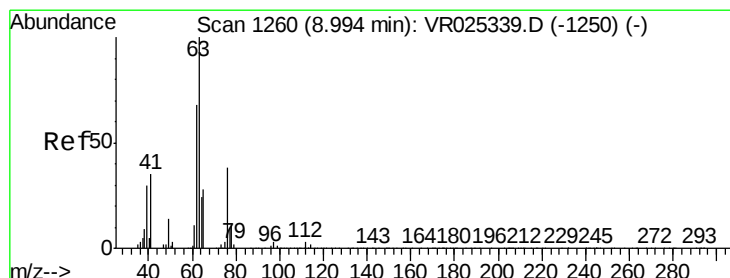
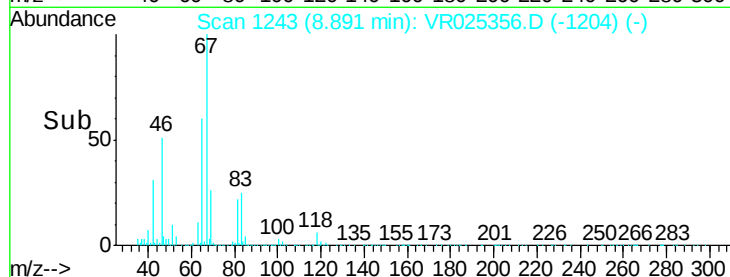
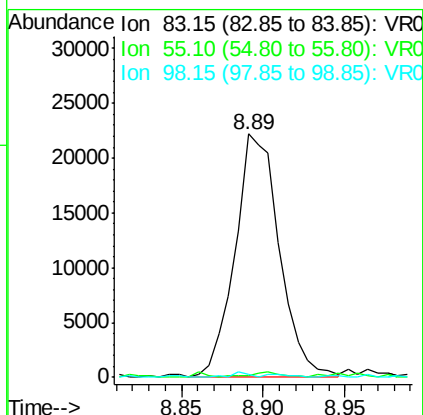
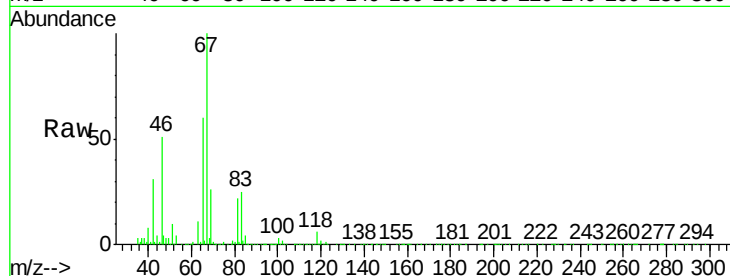




#35
Methylcyclohexane
Concen: 0.597 ug/L
RT: 8.89 min Scan# 1243
Delta R.T. -0.06 min
Lab File: VR025356.D
Acq: 17 Jun 2018 10:31

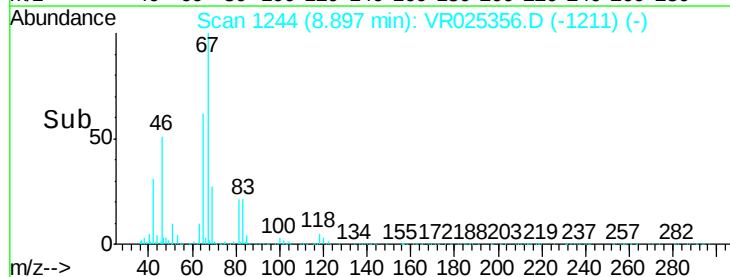
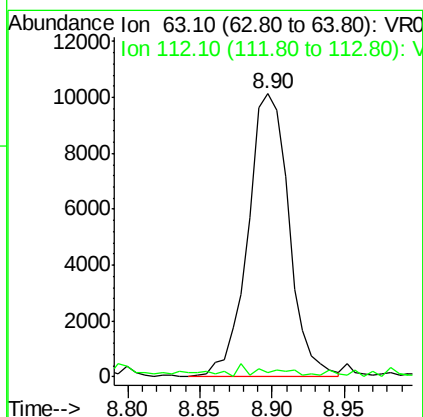
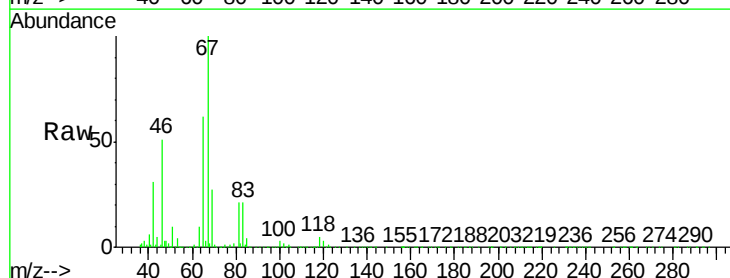
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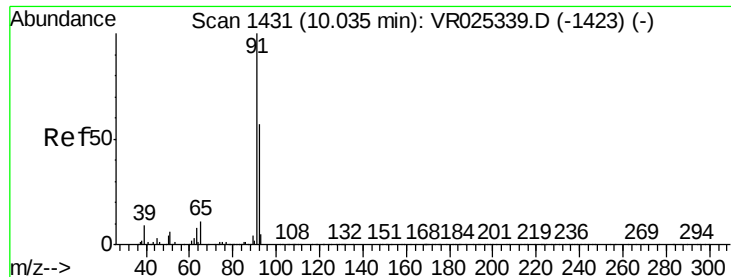
Tgt Ion: 83 Resp: 42100
Ion Ratio Lower Upper
83 100
55 0.0 66.1 99.1#
98 0.9 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025356.D
Acq: 17 Jun 2018 10:31

Tgt Ion: 63 Resp: 19958
Ion Ratio Lower Upper
63 100
112 1.2 2.9 4.3#





#42

Toluene

Concen: 0.376 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025356.D

Acq: 17 Jun 2018 10:31

Instrument :

MSVOA_R

ClientSampled :

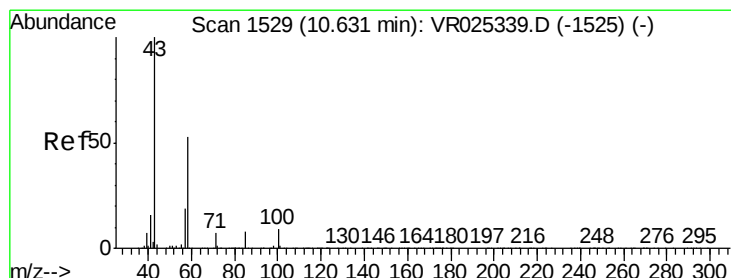
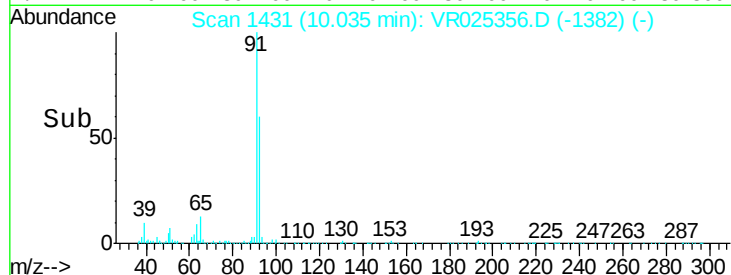
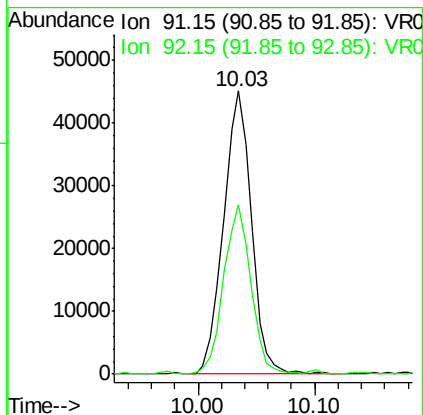
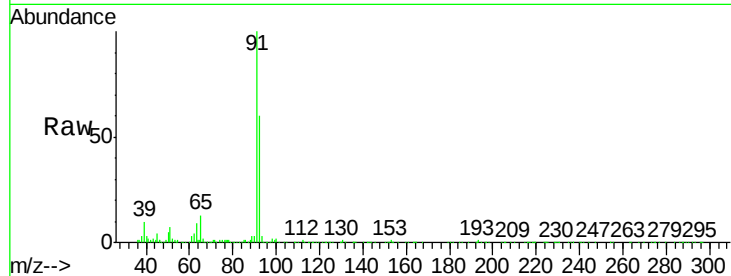
ESWG7

Tgt Ion: 91 Resp: 74367

Ion Ratio Lower Upper

91 100

92 59.9 41.9 77.7



#48

2-Hexanone

Concen: 3.009 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025356.D

Acq: 17 Jun 2018 10:31

Tgt Ion: 43 Resp: 25476

Ion Ratio Lower Upper

43 100

58 28.3 43.1 64.7#

57 35.7 15.3 22.9#

100 3.6 7.9 11.9#

