

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR025306.D
 Acq On : 15 Jun 2018 18:57
 Operator : SY/MD
 Sample : J3549-03
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWD8

Quant Time: Jun 16 05:04:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 16:03:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	683459	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	558212	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	199967	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	103247	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	2.64	69	77247	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	3.63	63	192238	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	6.59	46	228982	36.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.40%
24) Chloroform-d	7.20	84	360104	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	7.89	65	145982	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	7.86	84	802481	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	8.90	67	229039	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	9.97	98	702608	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	10.24	79	55175	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	10.59	63	230307	46.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.74%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	95751	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	157581	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

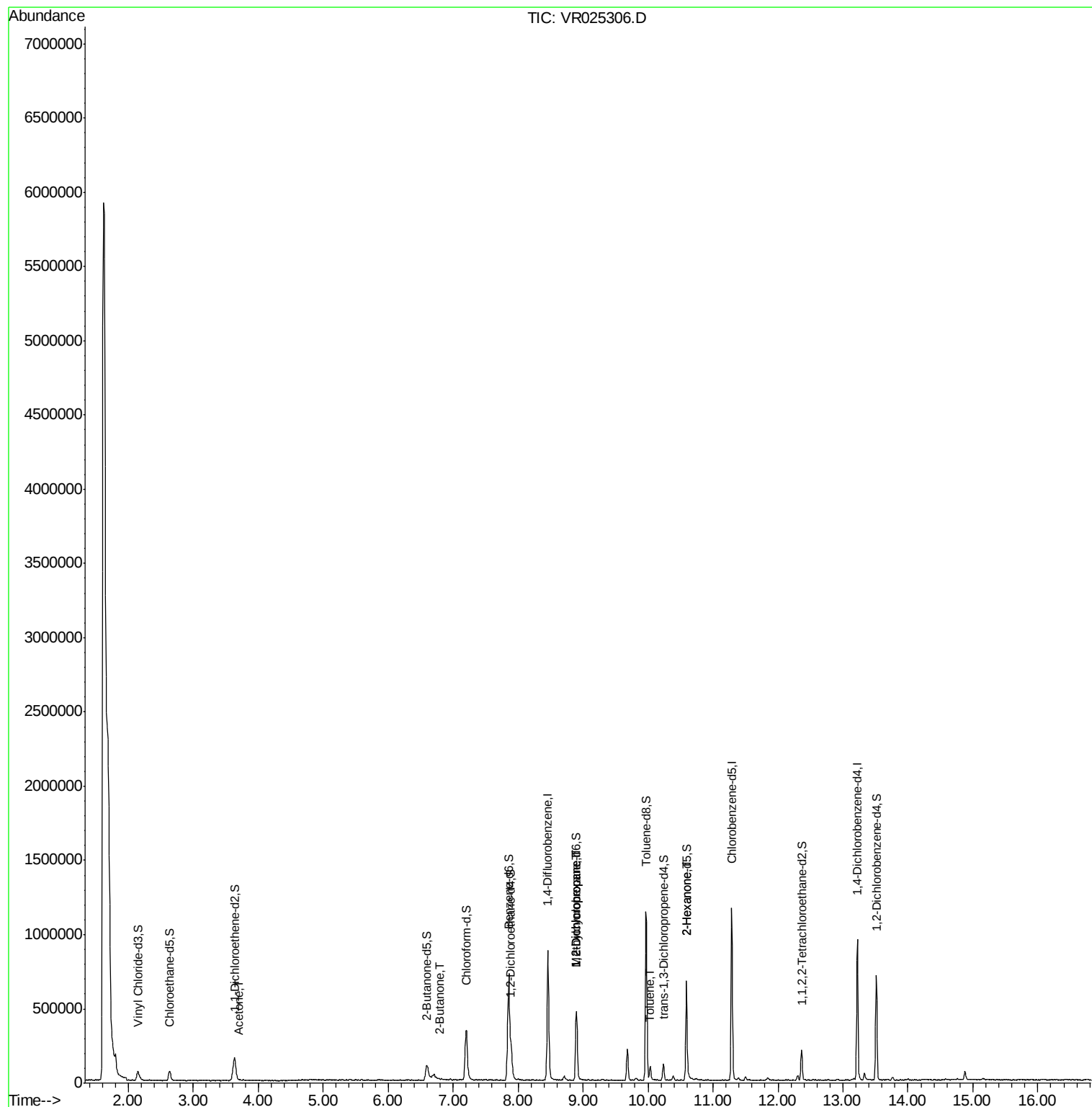
					Qvalue
13) Acetone	3.71	43	8535	3.029 ug/L	89
21) 2-Butanone	6.80	43	1675	0.251 ug/L	75
35) Methylcyclohexane	8.90	83	51515	0.616 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24460	0.502 ug/L #	91
42) Toluene	10.03	91	63602	0.271 ug/L	97
48) 2-Hexanone	10.59	43	28827	2.868 ug/L #	70

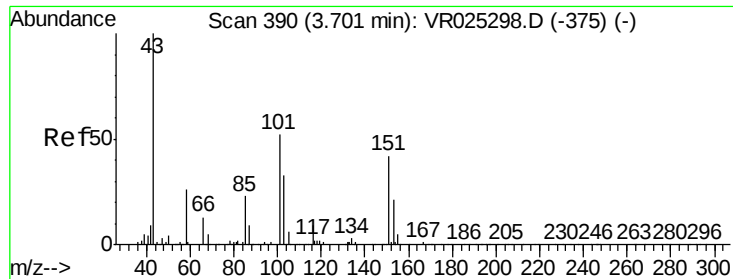
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.029 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025306.D

Acq: 15 Jun 2018 18:57

Instrument :

MSVOA_R

ClientSampled :

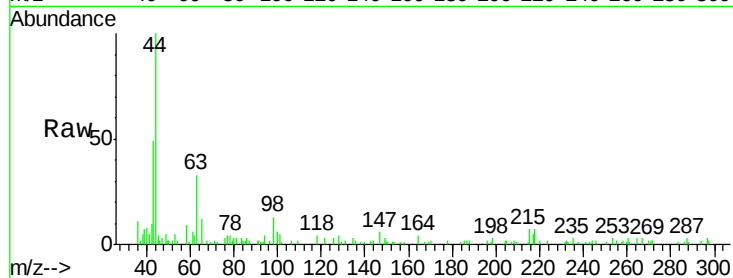
ESWD8

Tgt Ion: 43 Resp: 8535

Ion Ratio Lower Upper

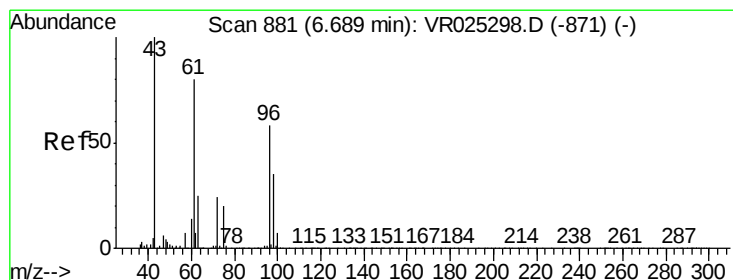
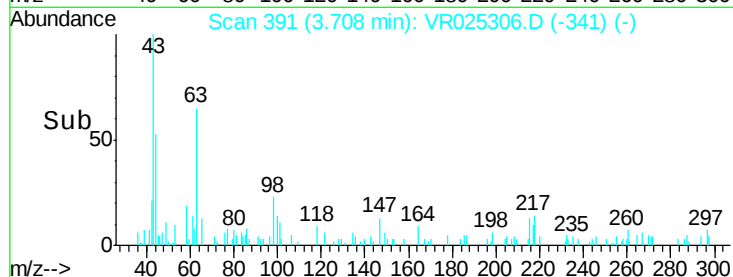
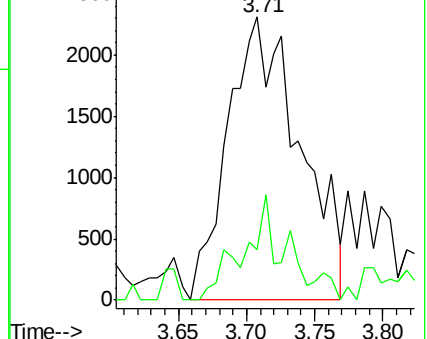
43 100

58 15.5 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: 0.251 ug/L

RT: 6.80 min Scan# 899

Delta R.T. 0.11 min

Lab File: VR025306.D

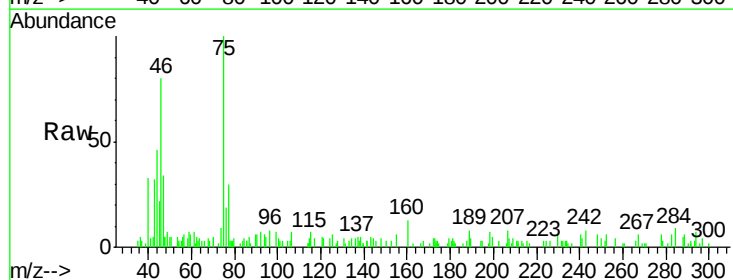
Acq: 15 Jun 2018 18:57

Tgt Ion: 43 Resp: 1675

Ion Ratio Lower Upper

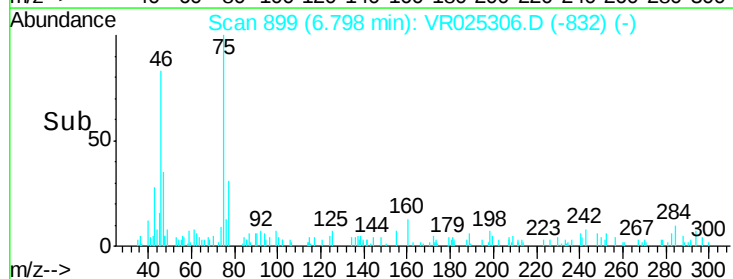
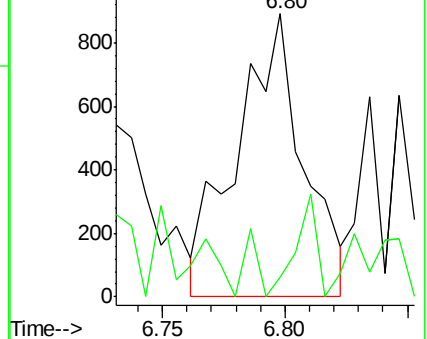
43 100

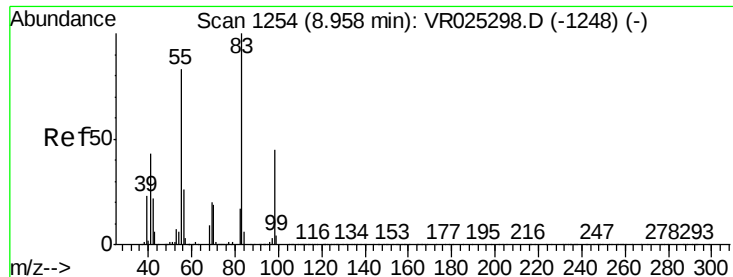
72 13.0 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

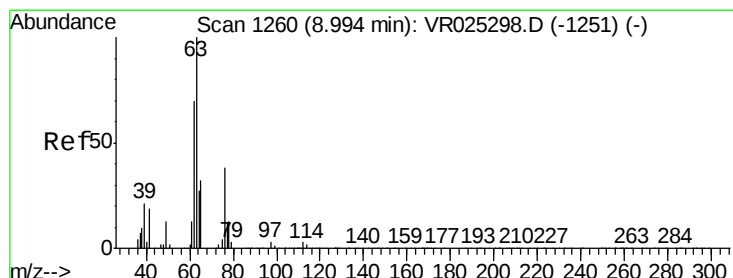
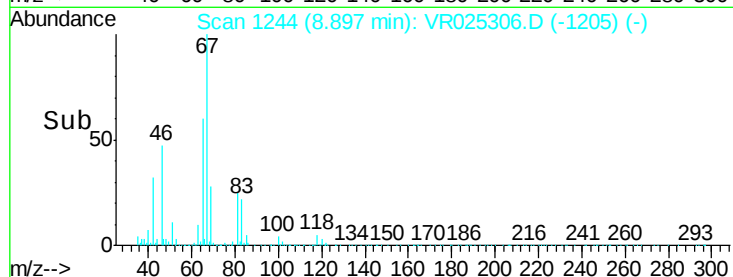
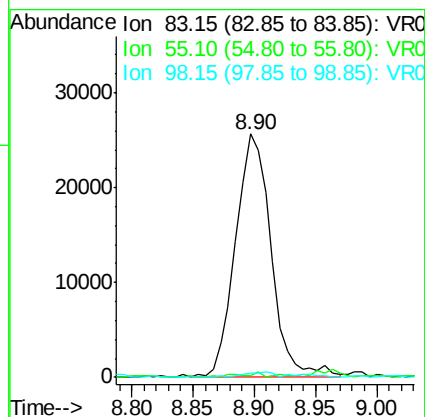
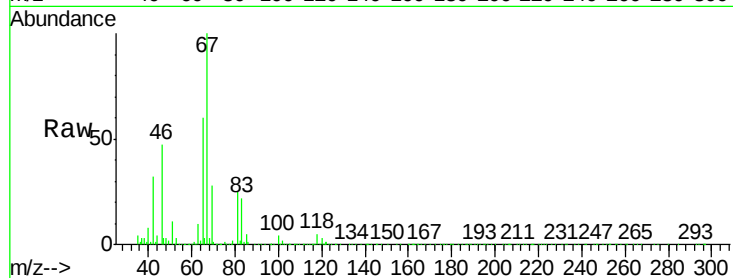




#35
Methylcyclohexane
Concen: 0.616 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025306.D
Acq: 15 Jun 2018 18:57

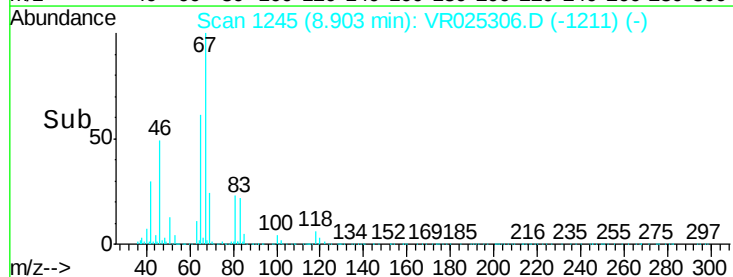
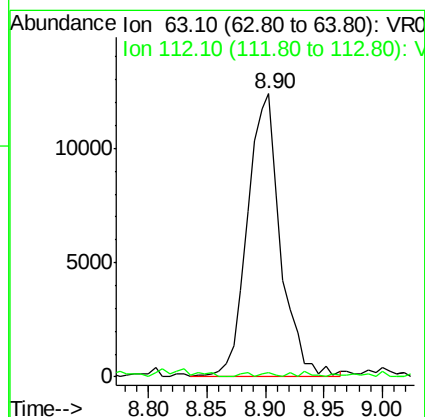
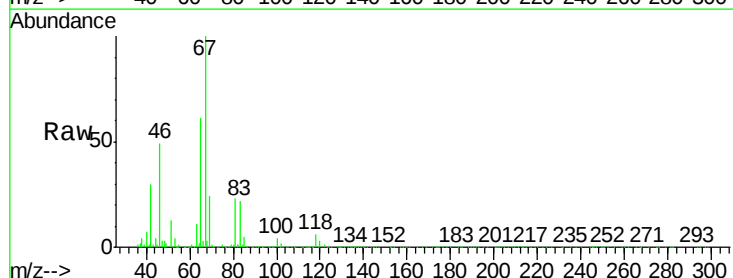
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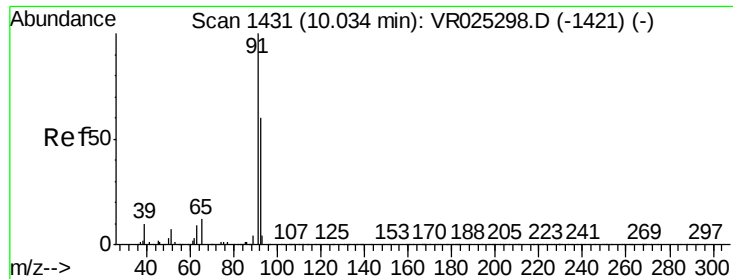
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.1	99.1#
98	2.0	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025306.D
Acq: 15 Jun 2018 18:57

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.6	2.9	4.3#





#42

Toluene

Concen: 0.271 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025306.D

Acq: 15 Jun 2018 18:57

Instrument :

MSVOA_R

ClientSampleId :

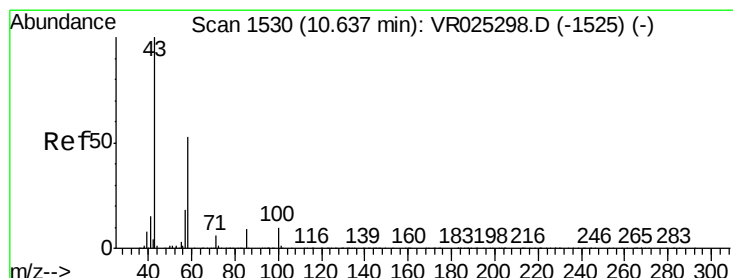
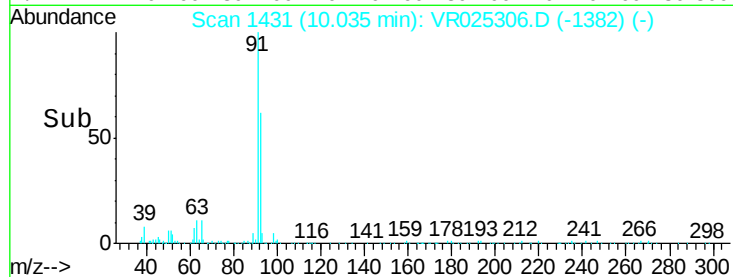
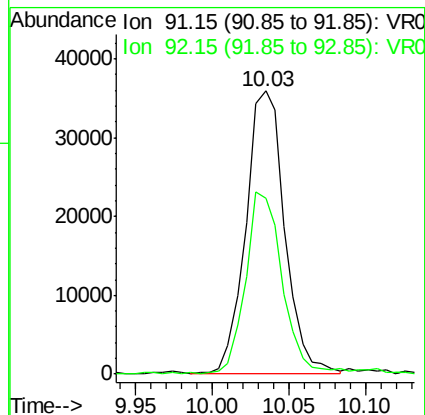
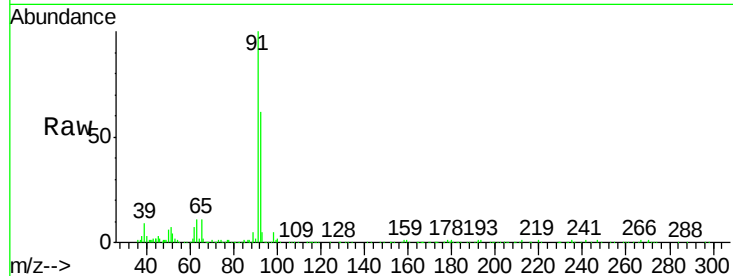
ESWD8

Tgt Ion: 91 Resp: 63602

Ion Ratio Lower Upper

91 100

92 62.0 41.9 77.7



#48

2-Hexanone

Concen: 2.868 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025306.D

Acq: 15 Jun 2018 18:57

Tgt Ion: 43 Resp: 28827

Ion Ratio Lower Upper

43 100

58 27.0 43.1 64.7#

57 24.4 15.3 22.9#

100 0.7 7.9 11.9#

