

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR025312.D
 Acq On : 15 Jun 2018 22:13
 Operator : SY/MD
 Sample : J3549-09
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWE4

Quant Time: Jun 16 05:05:15 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	620788	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	514290	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	181940	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	98546	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	2.63	69	78288	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	3.63	63	184831	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	6.59	46	279556	49.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.64%
24) Chloroform-d	7.20	84	352508	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	7.89	65	146245	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	7.86	84	791868	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	8.90	67	232795	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	9.97	98	682332	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	10.24	79	50163	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	10.59	63	233543	51.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.08%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	95756	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	150198	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

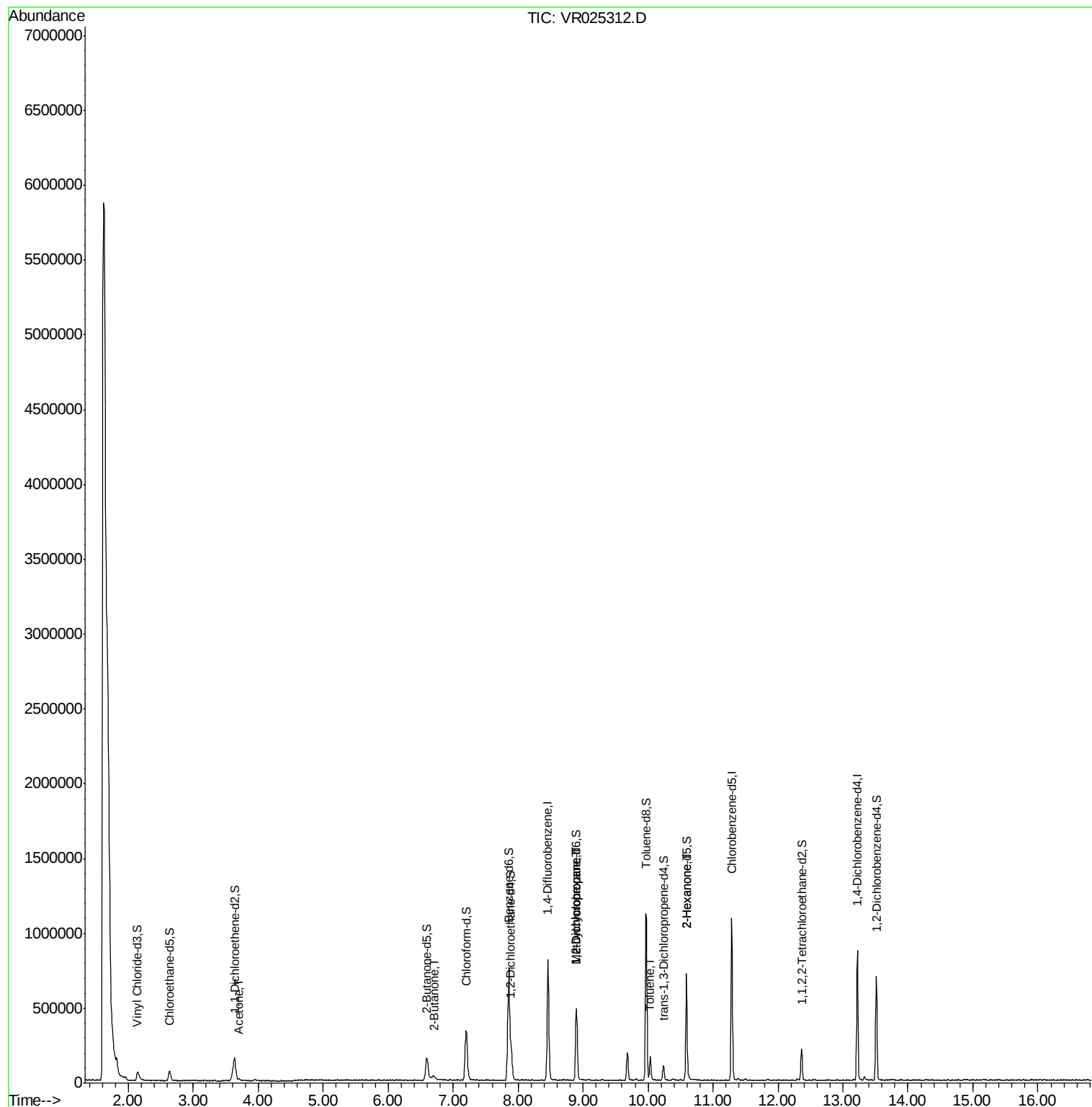
					Qvalue
13) Acetone	3.70	43	14232	5.560 ug/L	97
21) 2-Butanone	6.69	43	1411	0.233 ug/L	79
35) Methylcyclohexane	8.90	83	51057	0.662 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24540	0.547 ug/L #	97
42) Toluene	10.03	91	108036	0.499 ug/L	97
48) 2-Hexanone	10.59	43	28005	3.024 ug/L #	67

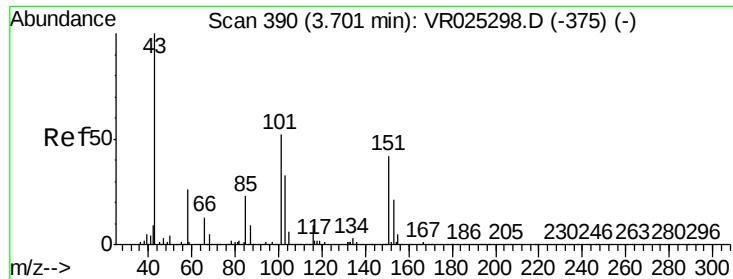
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.560 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.00 min

Lab File: VR025312.D

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ClientSampleId :

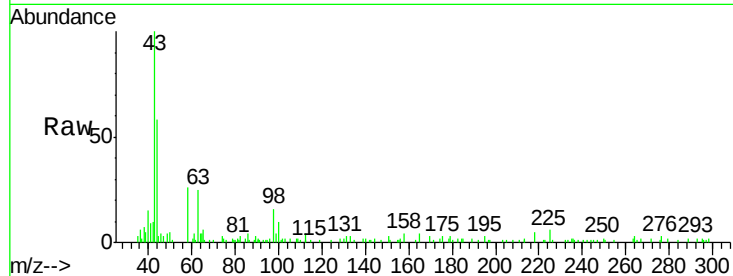
ESWE4

Tgt Ion: 43 Resp: 14232

Ion Ratio Lower Upper

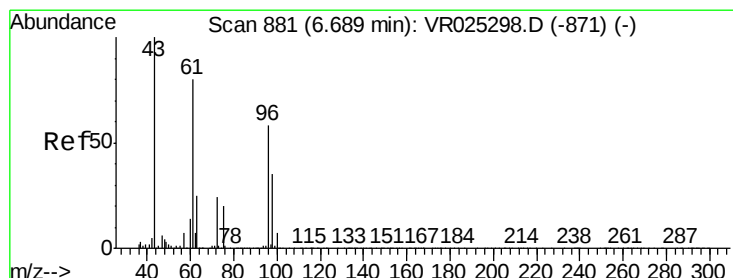
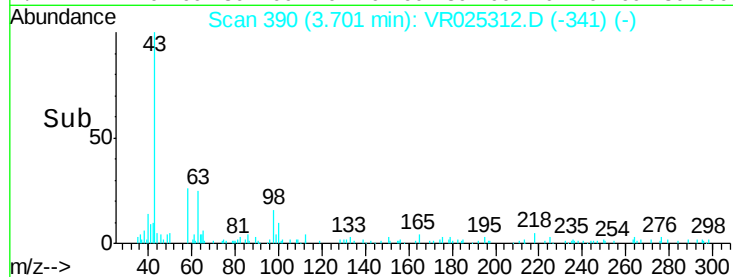
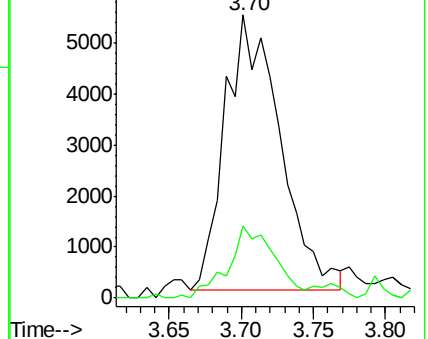
43 100

58 22.1 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: 0.233 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025312.D

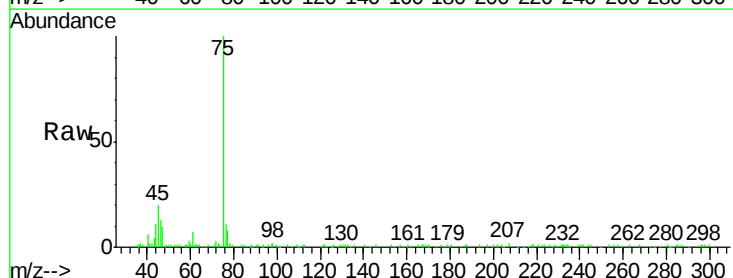
Acq: 15 Jun 2018 22:13

Tgt Ion: 43 Resp: 1411

Ion Ratio Lower Upper

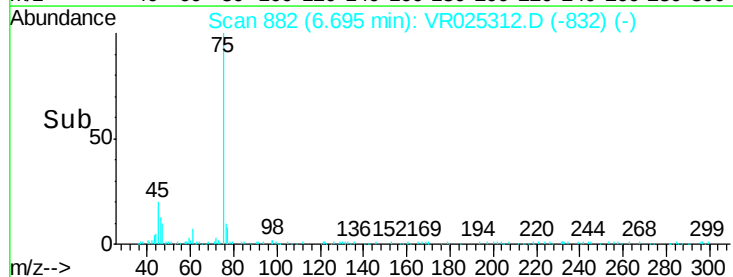
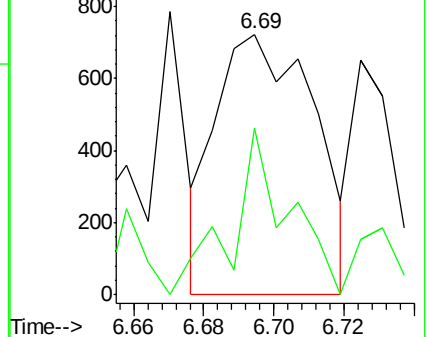
43 100

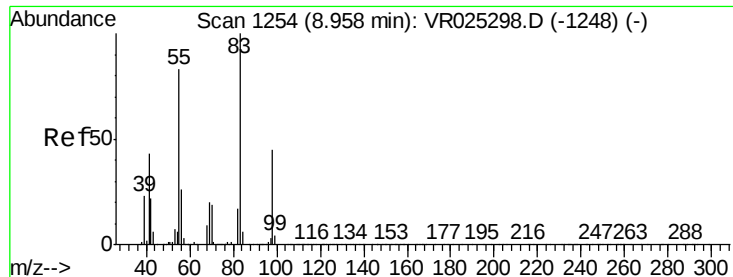
72 36.6 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

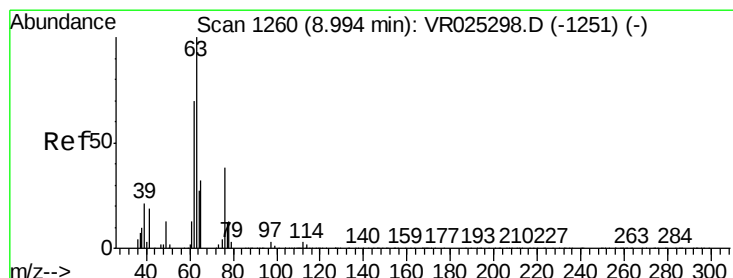
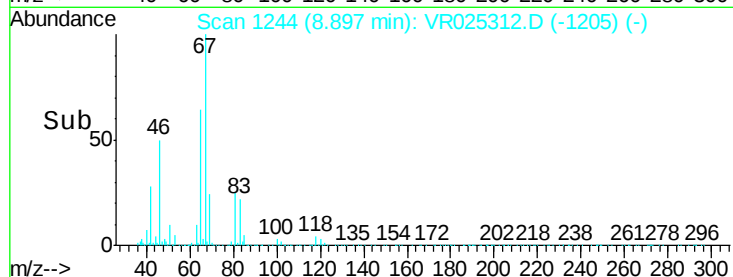
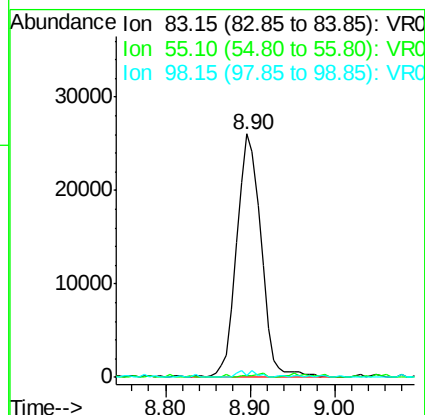
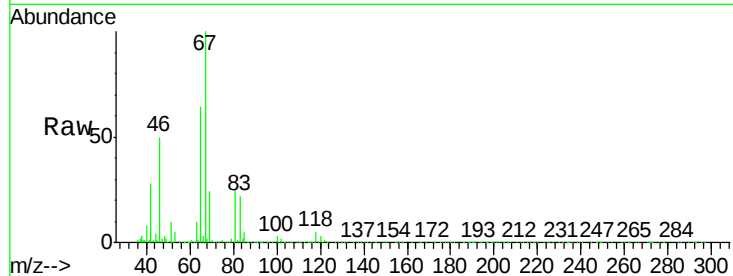




#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025312.D
Acq: 15 Jun 2018 22:13

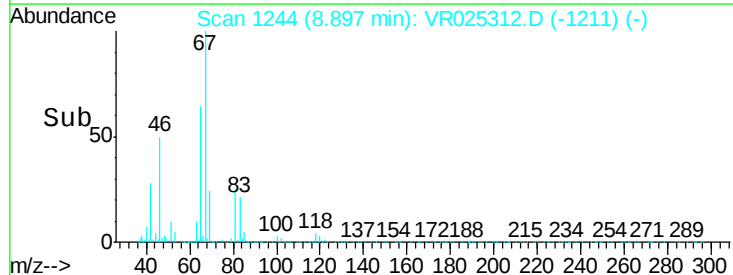
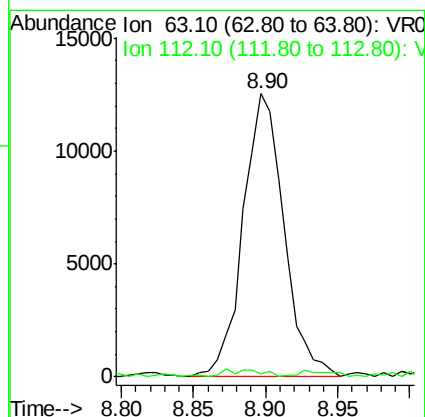
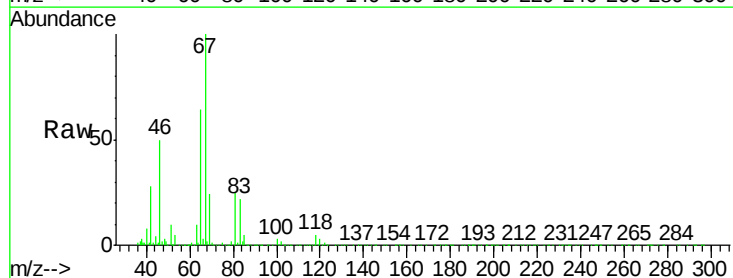
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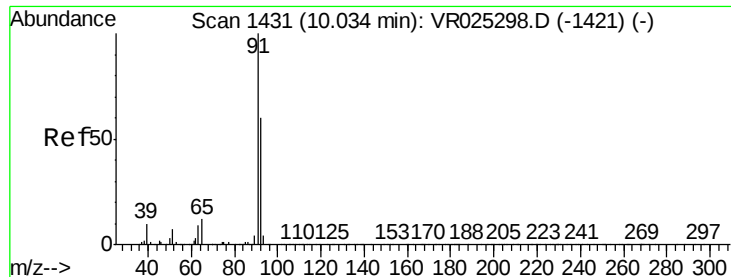
Tgt Ion: 83 Resp: 51057
Ion Ratio Lower Upper
83 100
55 1.0 66.1 99.1#
98 1.9 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.547 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025312.D
Acq: 15 Jun 2018 22:13

Tgt Ion: 63 Resp: 24540
Ion Ratio Lower Upper
63 100
112 2.5 2.9 4.3#





#42

Toluene

Concen: 0.499 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VR025312.D

Acq: 15 Jun 2018 22:13

Instrument :

MSVOA_R

ClientSampleId :

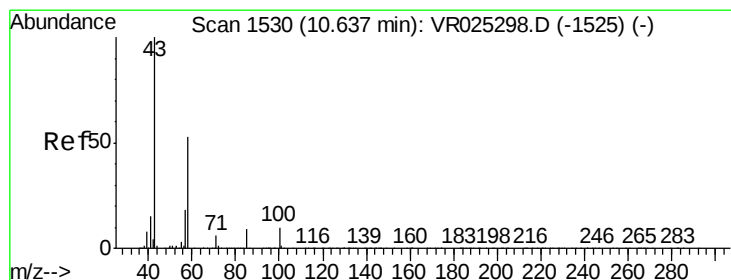
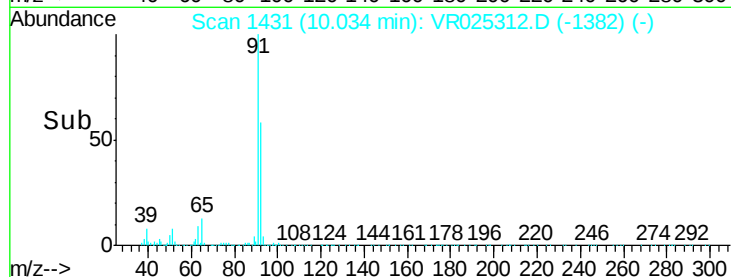
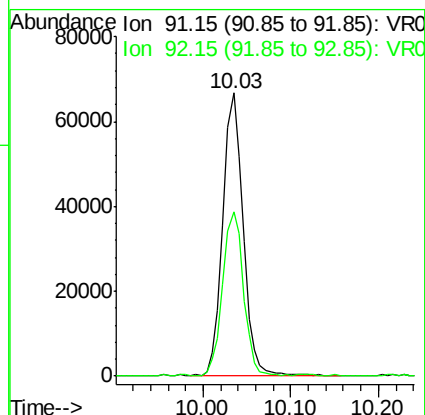
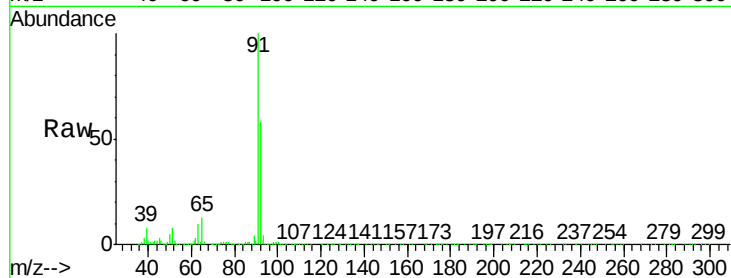
ESWE4

Tgt Ion: 91 Resp: 108036

Ion Ratio Lower Upper

91 100

92 57.9 41.9 77.7



#48

2-Hexanone

Concen: 3.024 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025312.D

Acq: 15 Jun 2018 22:13

Tgt Ion: 43 Resp: 28005

Ion Ratio Lower Upper

43 100

58 26.8 43.1 64.7#

57 31.1 15.3 22.9#

100 2.4 7.9 11.9#

