

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025333.D
 Acq On : 16 Jun 2018 20:16
 Operator : SY/MD
 Sample : J3550-03
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWF5

Quant Time: Jun 18 02:42:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 02:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	520658	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	419518	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	119129	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	92582	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	2.64	69	76031	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.60%
11) 1,1-Dichloroethene-d2	3.63	63	162950	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	6.60	46	275645	57.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.98%
24) Chloroform-d	7.21	84	319804	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	7.89	65	136868	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	7.86	84	683523	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	8.90	67	212815	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	9.97	98	535224	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	10.24	79	35589	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	10.59	63	225321	60.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	90922	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	115829	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

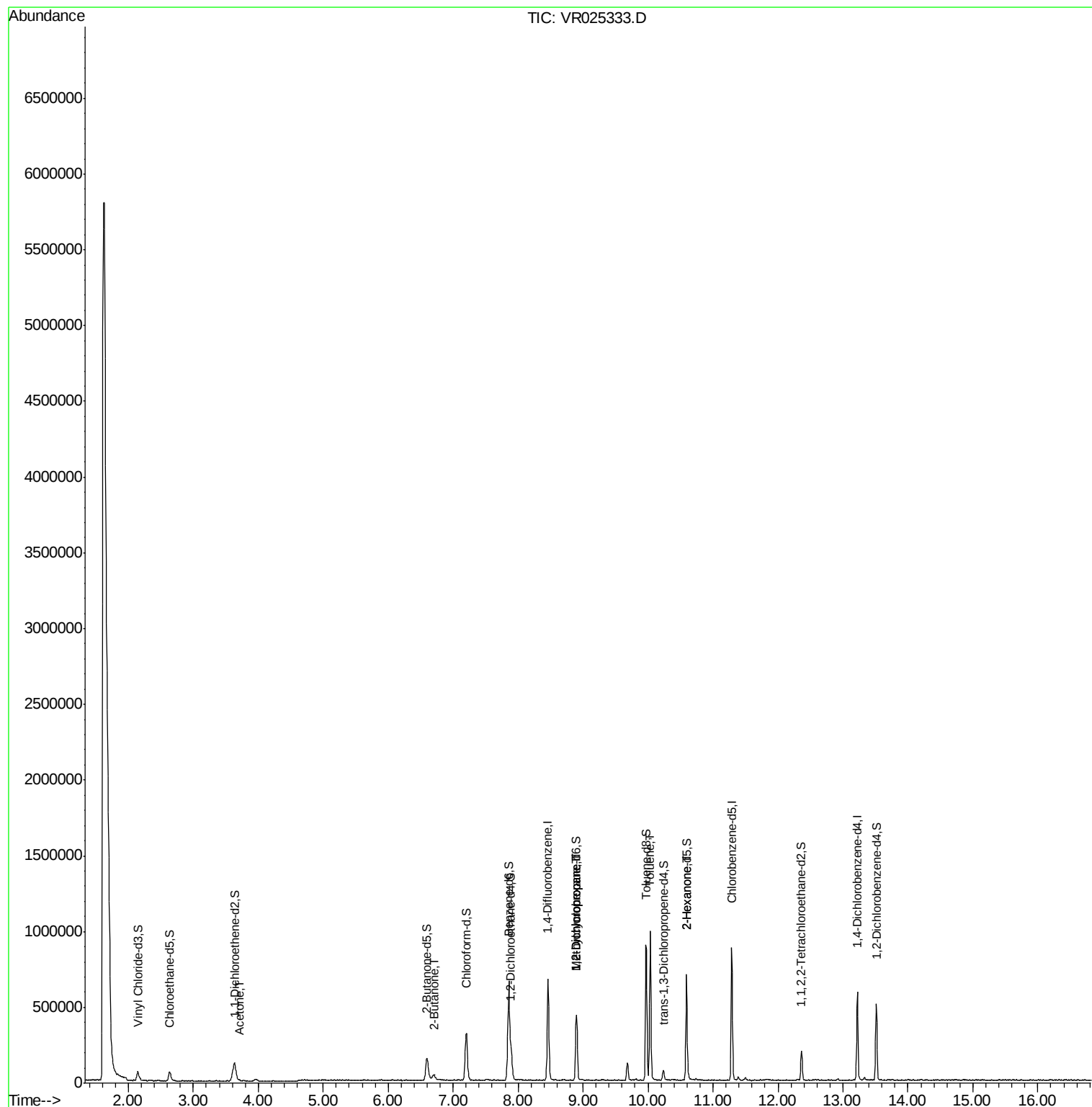
					Qvalue
13) Acetone	3.71	43	8054	3.752 ug/L	98
21) 2-Butanone	6.71	43	30777	6.065 ug/L	97
35) Methylcyclohexane	8.90	83	47649	0.758 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	21023	0.574 ug/L #	93
42) Toluene	10.03	91	649476	3.680 ug/L	96
48) 2-Hexanone	10.59	43	28243	3.739 ug/L #	70

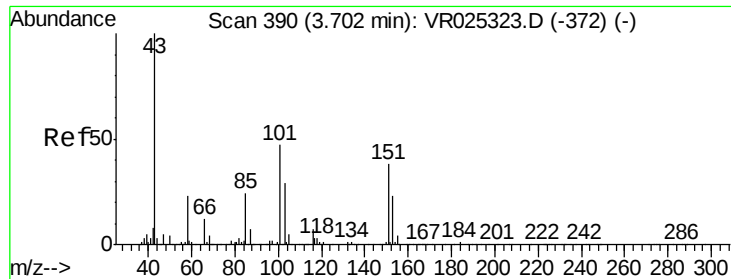
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.752 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025333.D

Acq: 16 Jun 2018 20:16

Instrument :

MSVOA_R

ClientSampleId :

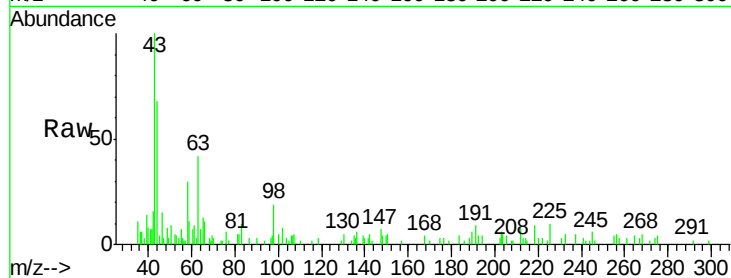
ESWF5

Tgt Ion: 43 Resp: 8054

Ion Ratio Lower Upper

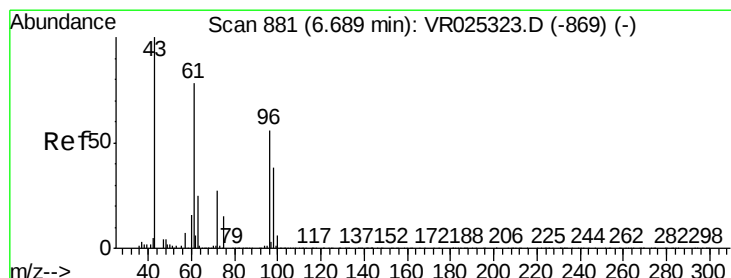
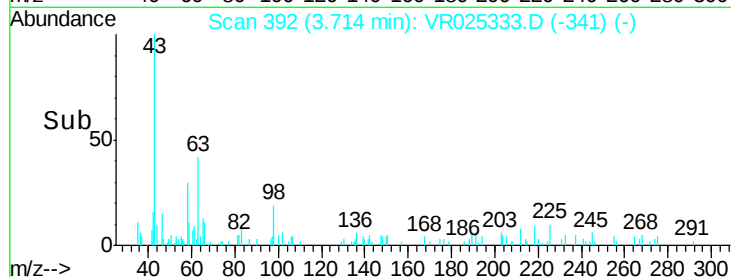
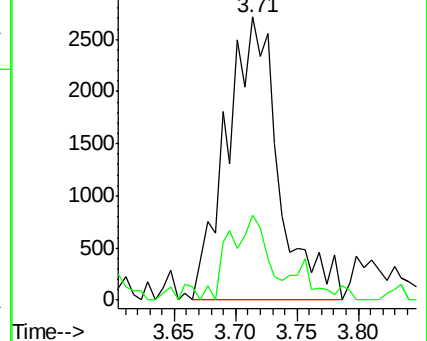
43 100

58 21.7 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: 6.065 ug/L

RT: 6.71 min Scan# 884

Delta R.T. 0.02 min

Lab File: VR025333.D

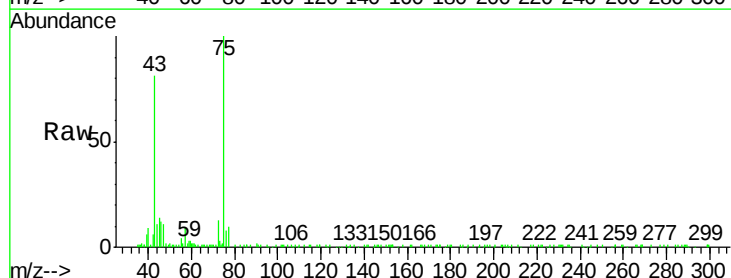
Acq: 16 Jun 2018 20:16

Tgt Ion: 43 Resp: 30777

Ion Ratio Lower Upper

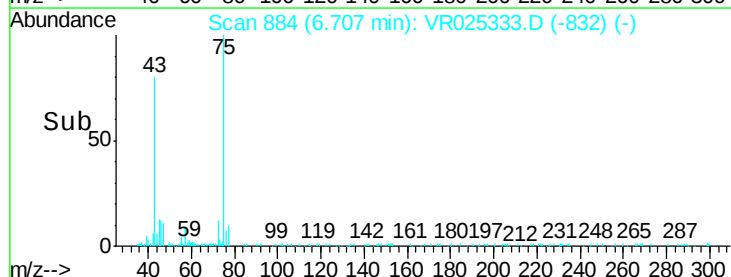
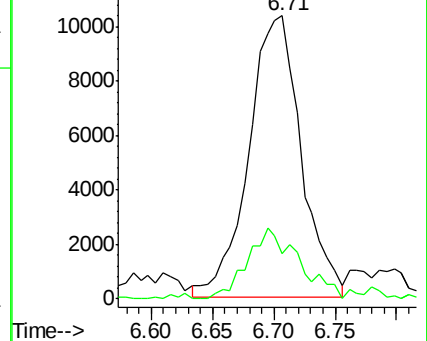
43 100

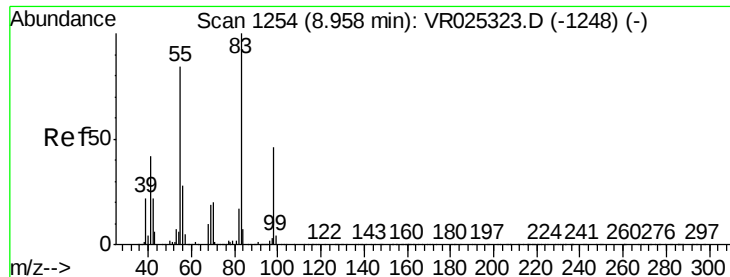
72 24.6 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#35

Methylcyclohexane

Concen: 0.758 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

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ESWF5

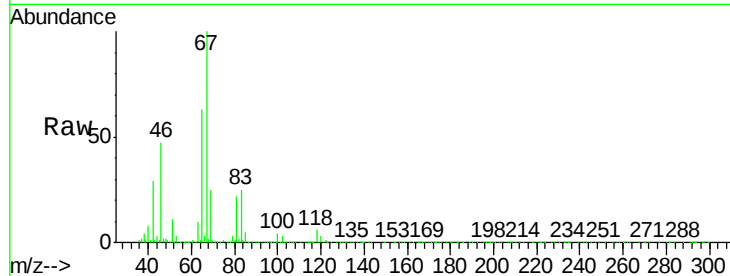
Tgt Ion: 83 Resp: 47649

Ion Ratio Lower Upper

83 100

55 1.0 66.1 99.1#

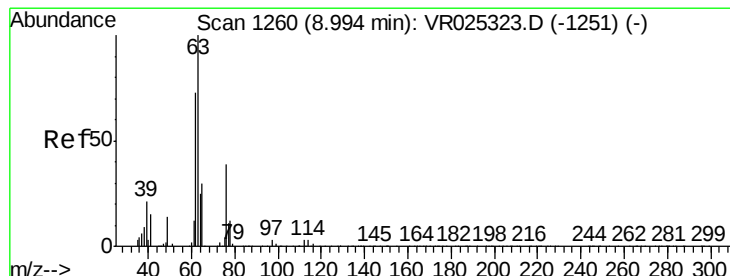
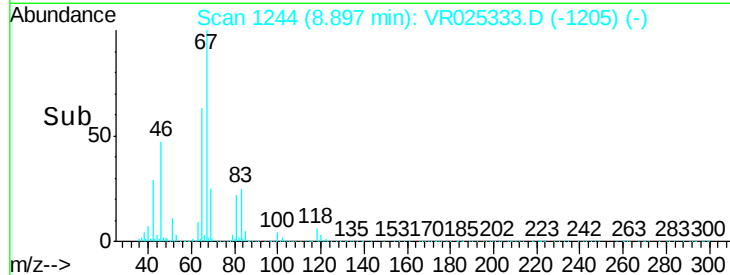
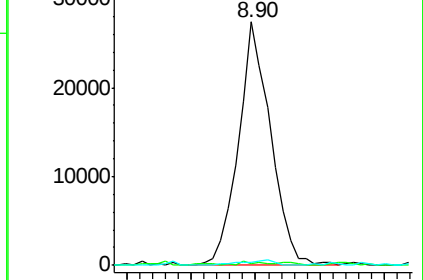
98 0.0 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025333.D

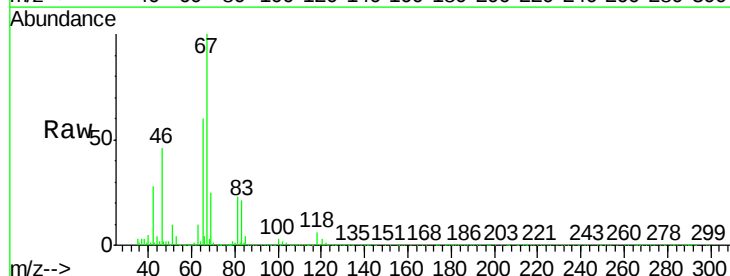
Acq: 16 Jun 2018 20:16

Tgt Ion: 63 Resp: 21023

Ion Ratio Lower Upper

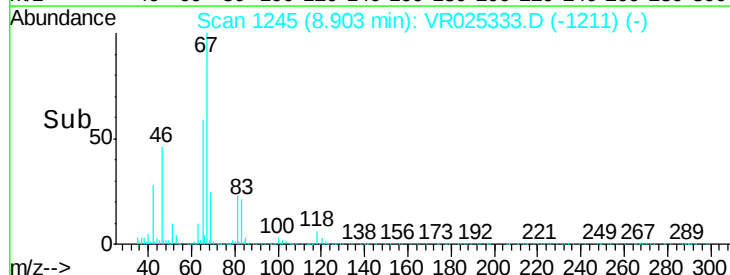
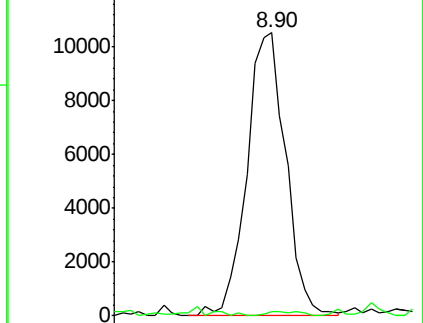
63 100

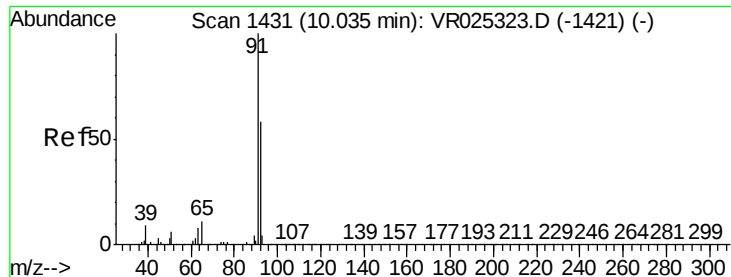
112 1.4 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 3.680 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VR025333.D

Acq: 16 Jun 2018 20:16

Instrument :

MSVOA_R

ClientSampleId :

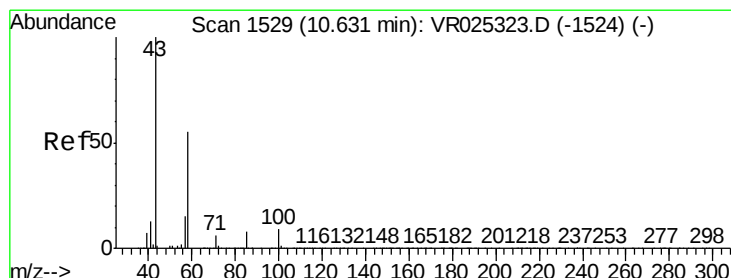
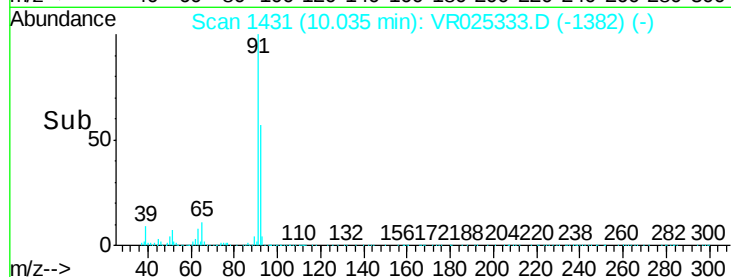
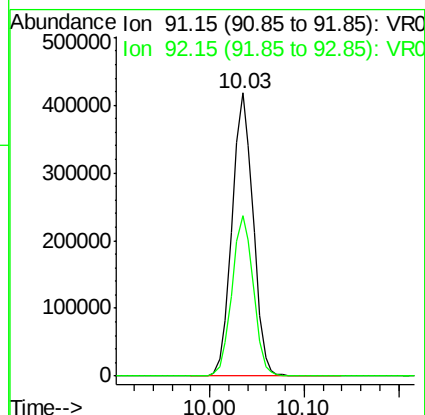
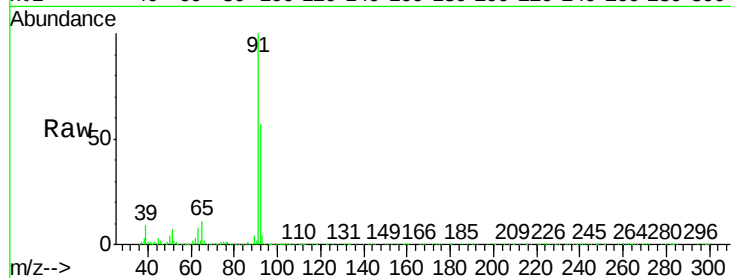
ESWF5

Tgt Ion: 91 Resp: 649476

Ion Ratio Lower Upper

91 100

92 56.9 41.9 77.7



#48

2-Hexanone

Concen: 3.739 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025333.D

Acq: 16 Jun 2018 20:16

Tgt Ion: 43 Resp: 28243

Ion Ratio Lower Upper

43 100

58 29.9 43.1 64.7#

57 31.4 15.3 22.9#

100 4.1 7.9 11.9#

