

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025332.D
 Acq On : 16 Jun 2018 19:43
 Operator : SY/MD
 Sample : J3550-02
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWF4

Quant Time: Jun 18 02:42:09 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	625614	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	518321	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	162453	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	96360	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	2.64	69	59224	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	3.63	63	182420	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	6.59	46	294268	51.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.04%
24) Chloroform-d	7.20	84	356593	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	7.89	65	145393	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.85	84	791877	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	8.90	67	238889	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	9.97	98	682597	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	10.24	79	36588	2.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.00%
46) 2-Hexanone-d5	10.59	63	237878	51.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	99779	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	147771	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

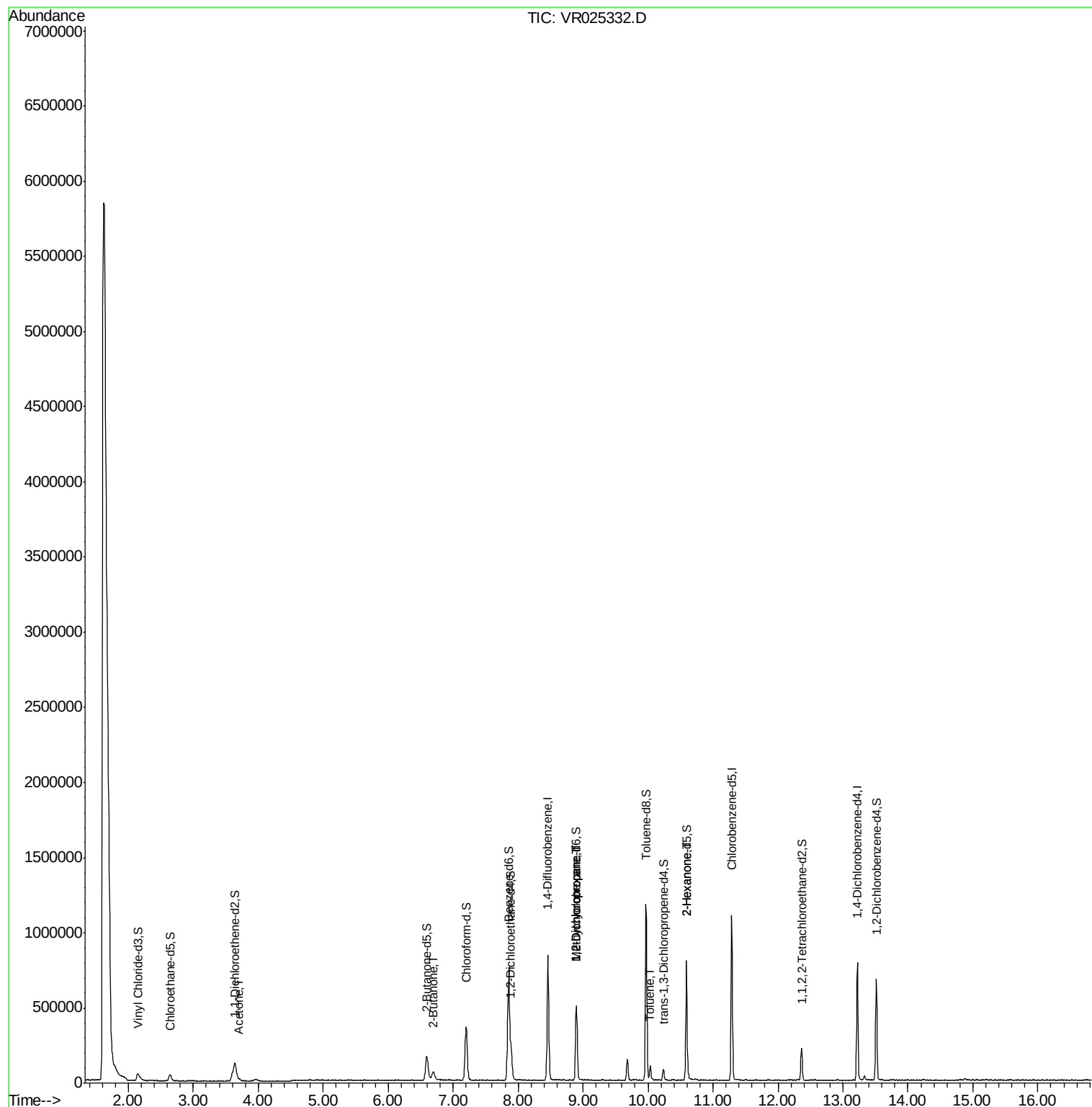
					Qvalue
13) Acetone	3.70	43	12253	4.750 ug/L	94
21) 2-Butanone	6.69	43	47023	7.712 ug/L	99
35) Methylcyclohexane	8.90	83	51998	0.669 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	23545	0.520 ug/L #	90
42) Toluene	10.03	91	62592	0.287 ug/L	89
48) 2-Hexanone	10.59	43	29300	3.140 ug/L #	71

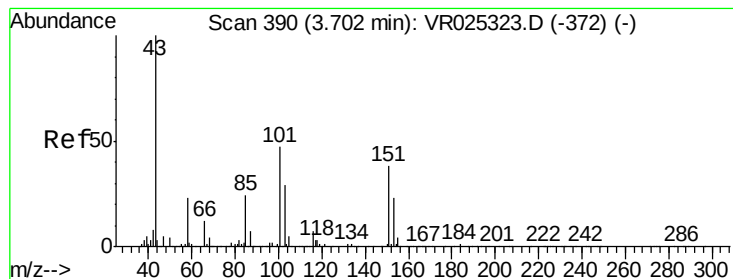
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.750 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025332.D

Acq: 16 Jun 2018 19:43

Instrument :

MSVOA_R

ClientSampled :

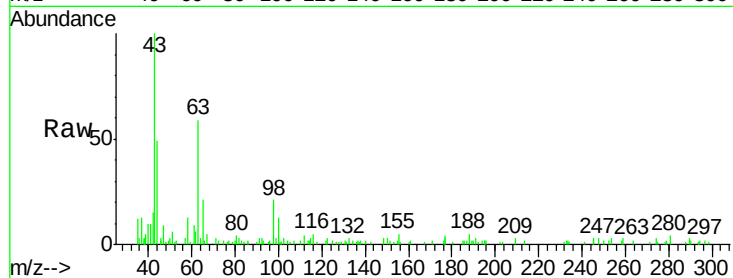
ESWF4

Tgt Ion: 43 Resp: 12253

Ion Ratio Lower Upper

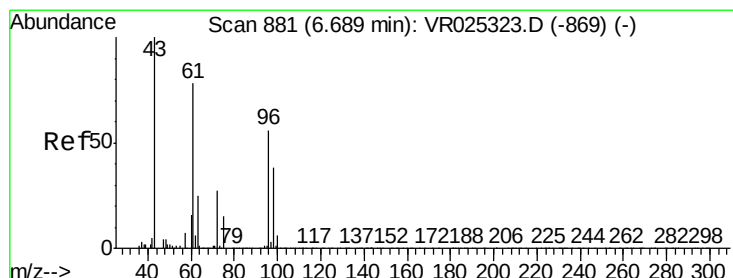
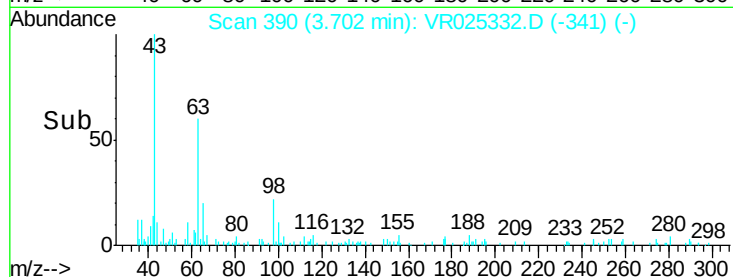
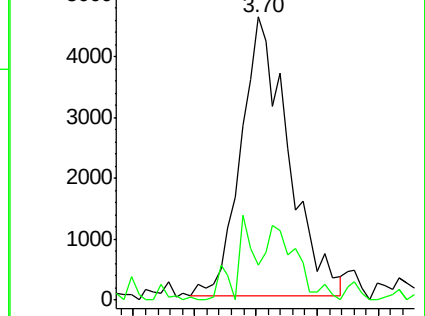
43 100

58 17.8 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: 7.712 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025332.D

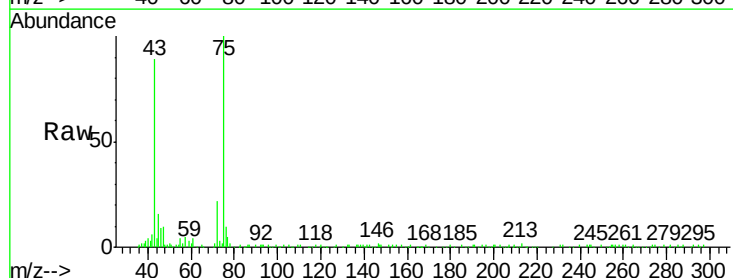
Acq: 16 Jun 2018 19:43

Tgt Ion: 43 Resp: 47023

Ion Ratio Lower Upper

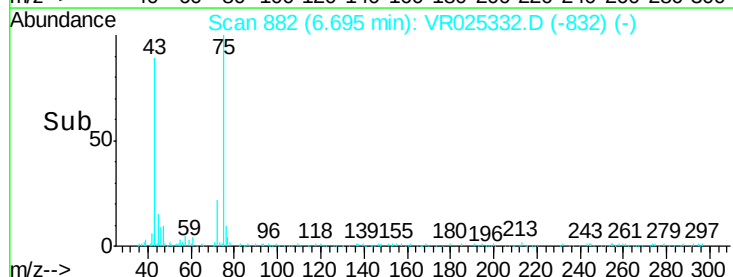
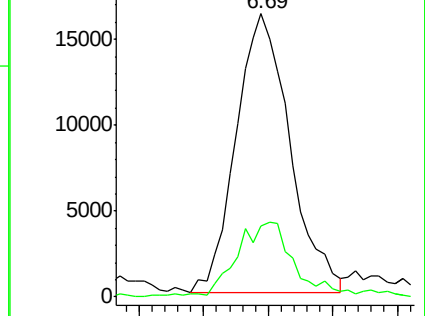
43 100

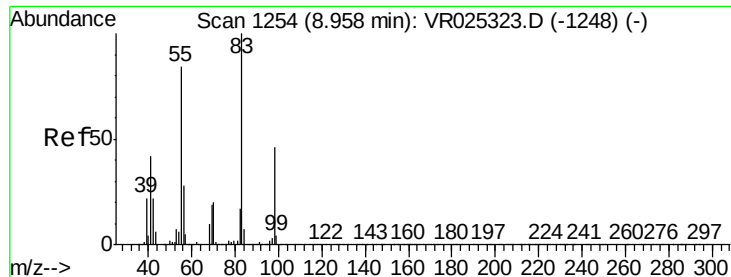
72 26.4 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

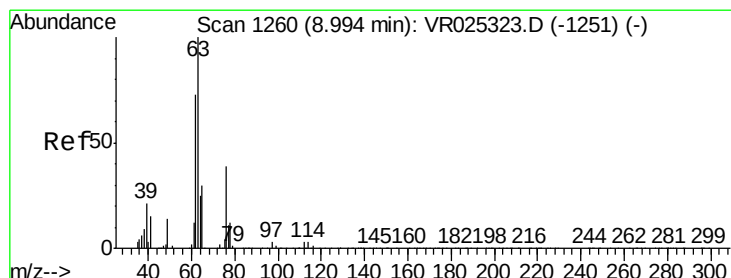
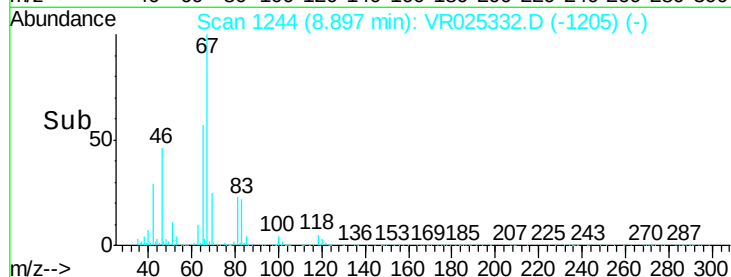
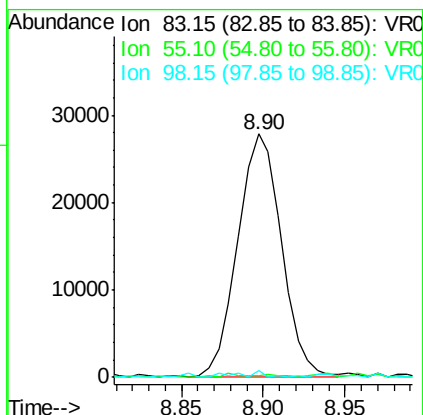
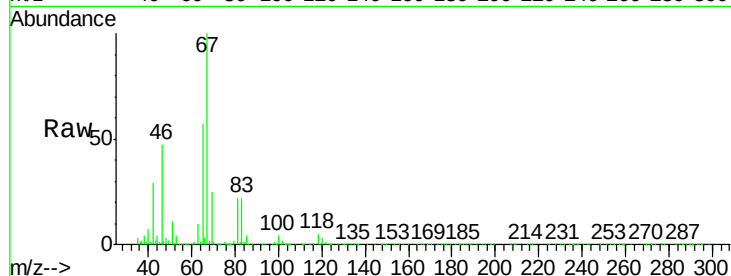




#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025332.D
Acq: 16 Jun 2018 19:43

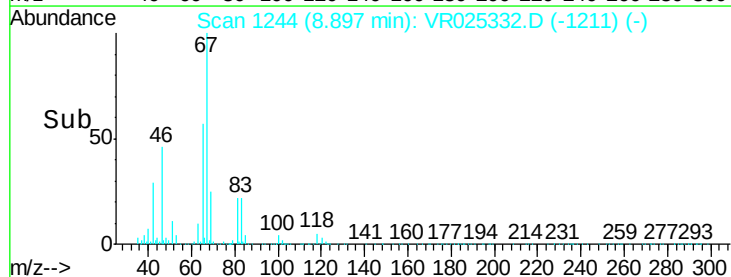
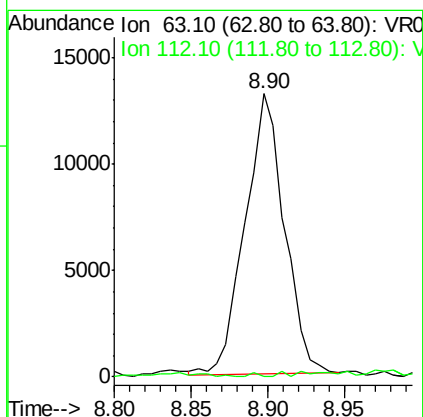
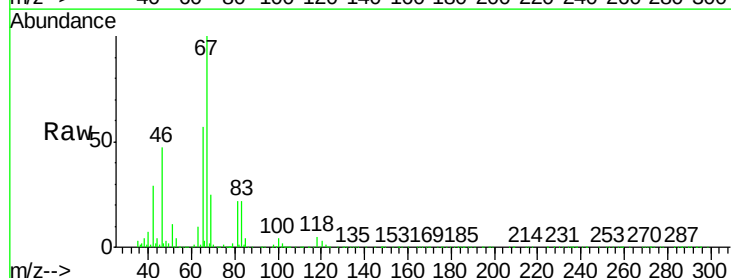
Instrument :
MSVOA_R
ClientSampleId :
ESWF4

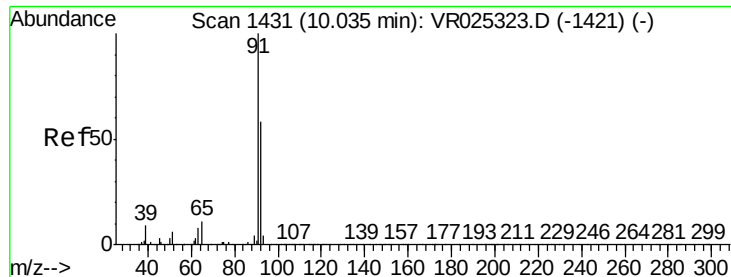
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.1	99.1#
98	0.8	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025332.D
Acq: 16 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	2.9	4.3#





#42

Toluene

Concen: 0.287 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025332.D

Acq: 16 Jun 2018 19:43

Instrument :

MSVOA_R

ClientSampleId :

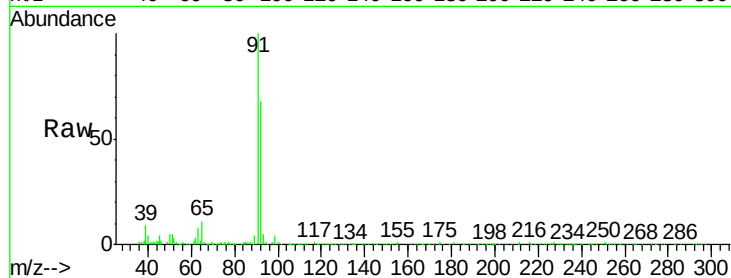
ESWF4

Tgt Ion: 91 Resp: 62592

Ion Ratio Lower Upper

91 100

92 67.8 41.9 77.7



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0

10.03

40000

30000

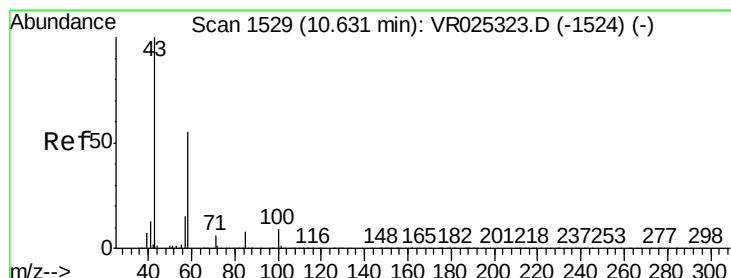
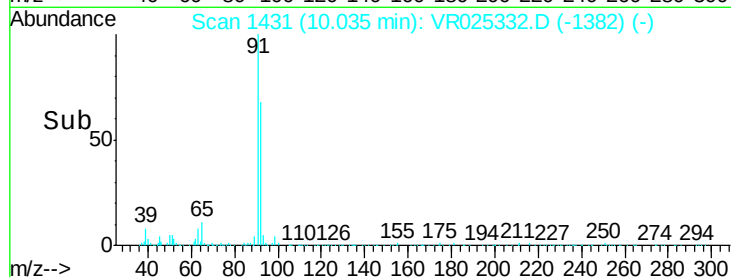
20000

10000

0

9.95 10.00 10.05 10.10

Time-->



#48

2-Hexanone

Concen: 3.140 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025332.D

Acq: 16 Jun 2018 19:43

Tgt Ion: 43 Resp: 29300

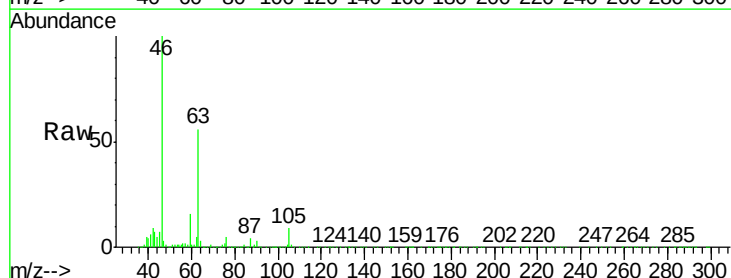
Ion Ratio Lower Upper

43 100

58 29.9 43.1 64.7#

57 29.0 15.3 22.9#

100 3.3 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

10.59

30000

25000

20000

15000

10000

5000

0

10.55 10.60 10.65

Time-->

