

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025331.D
 Acq On : 16 Jun 2018 19:10
 Operator : SY/MD
 Sample : J3550-01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWF3

Quant Time: Jun 18 02:42:02 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	580500	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	486219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	156513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	95158	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	2.63	69	75795	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	3.63	63	176524	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	6.60	46	265581	50.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.22%
24) Chloroform-d	7.20	84	336384	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	7.89	65	136467	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	7.86	84	723408	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	8.90	67	220825	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	9.97	98	622206	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	10.24	79	35632	2.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.20%
46) 2-Hexanone-d5	10.59	63	218399	50.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	91840	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	137313	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

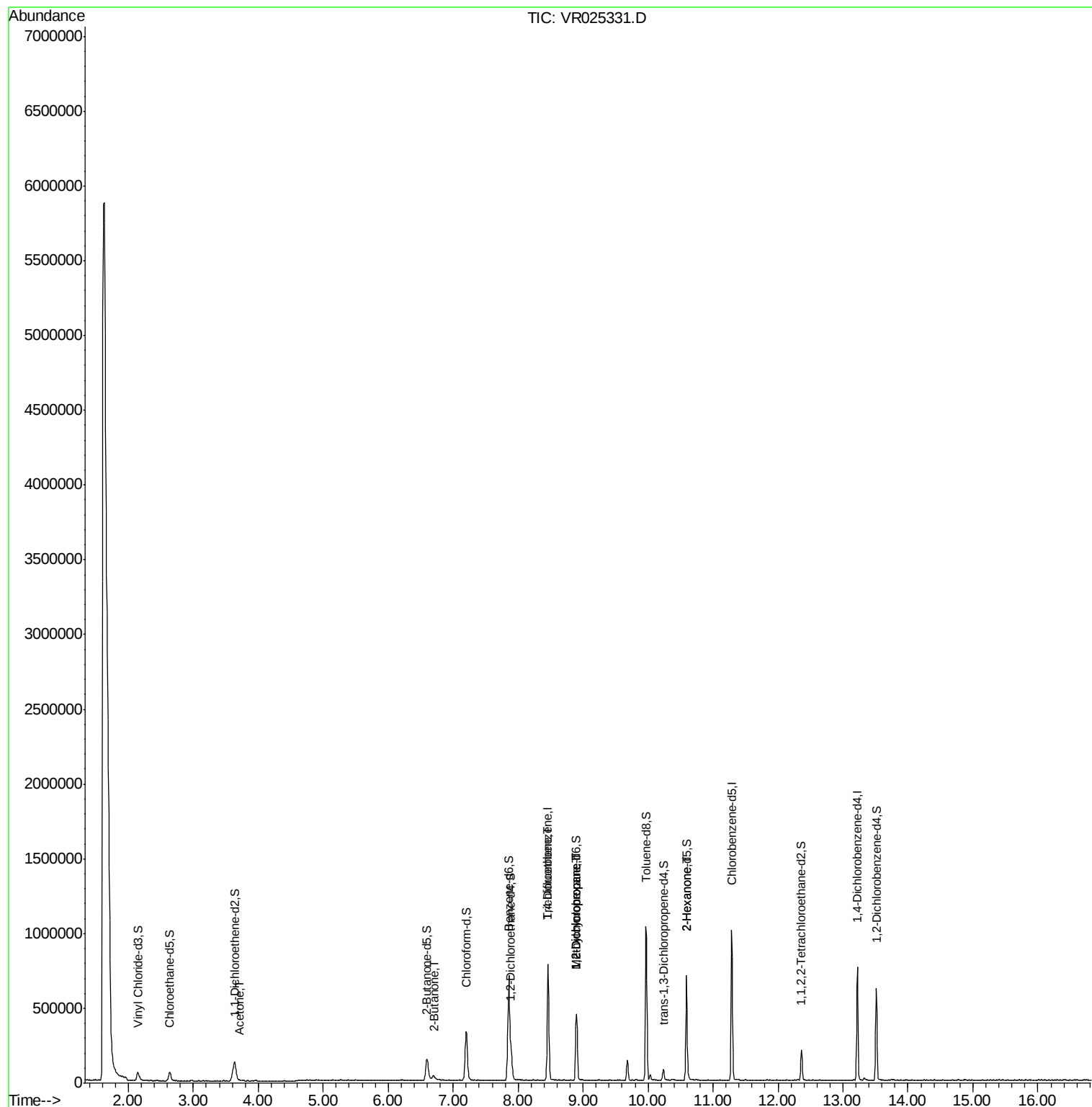
					Qvalue
13) Acetone	3.71	43	5431	2.269 ug/L	84
21) 2-Butanone	6.69	43	22982	4.062 ug/L	97
34) Trichloroethene	8.46	95	17318	0.375 ug/L #	10
35) Methylcyclohexane	8.90	83	47853	0.657 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	21894	0.516 ug/L #	98
48) 2-Hexanone	10.59	43	28233	3.225 ug/L #	74

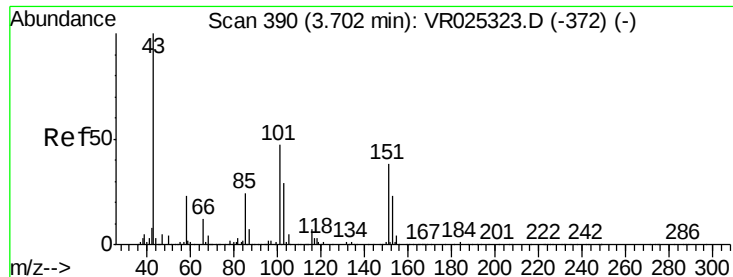
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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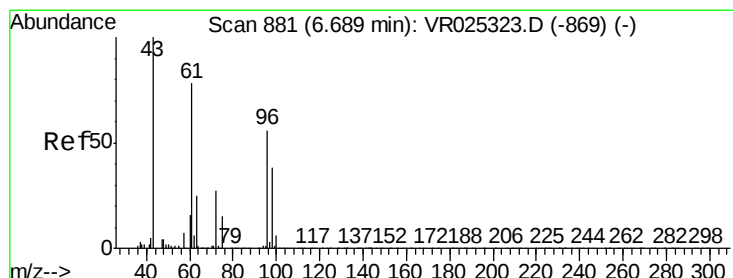
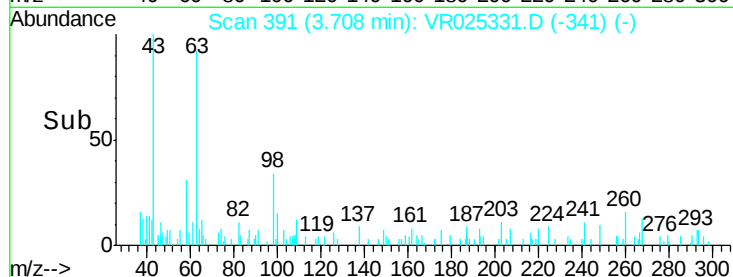
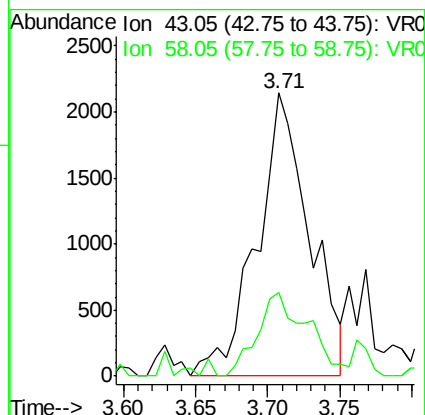
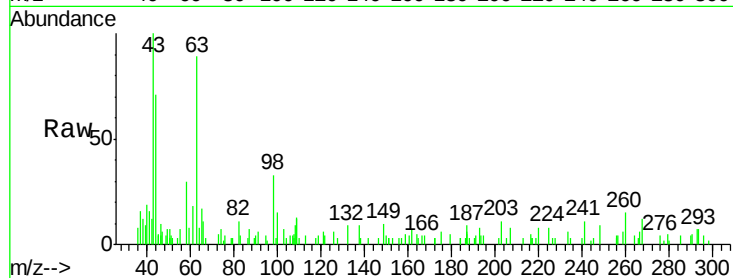




#13
Acetone
Concen: 2.269 ug/L
RT: 3.71 min Scan# 391
Delta R.T. 0.01 min
Lab File: VR025331.D
Acq: 16 Jun 2018 19:10

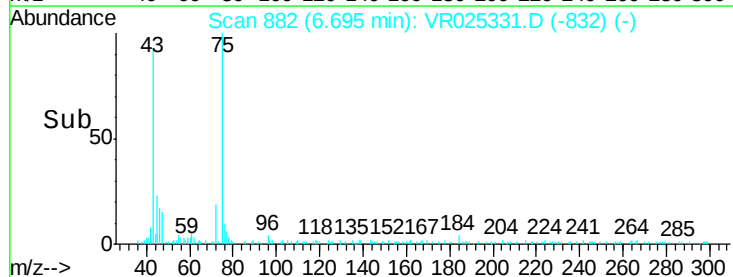
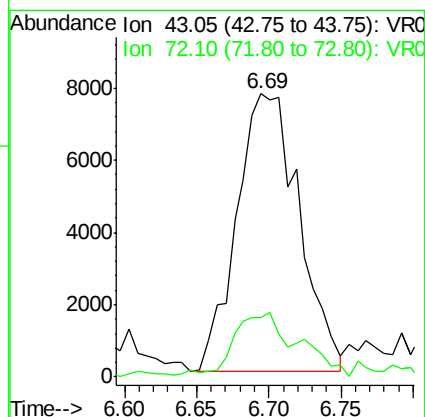
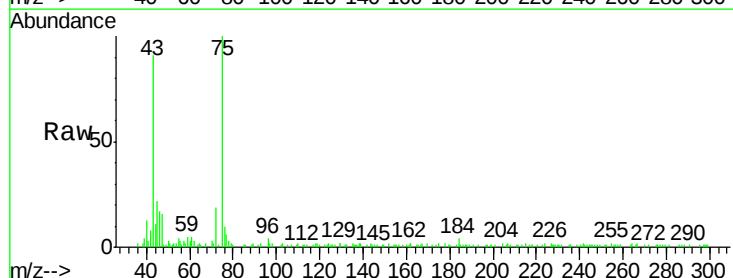
Instrument :
MSVOA_R
ClientSampleID :
ESWF3

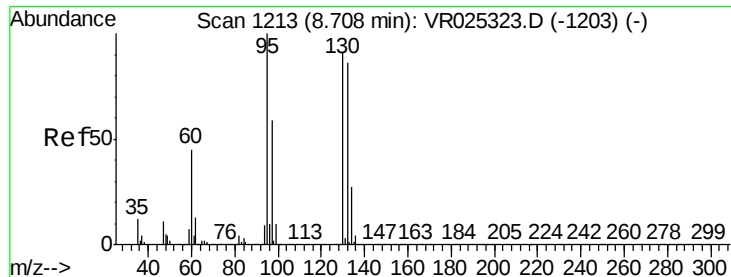
Tgt Ion: 43 Resp: 5431
Ion Ratio Lower Upper
43 100
58 28.5 0.0 41.6



#21
2-Butanone
Concen: 4.062 ug/L
RT: 6.69 min Scan# 882
Delta R.T. 0.01 min
Lab File: VR025331.D
Acq: 16 Jun 2018 19:10

Tgt Ion: 43 Resp: 22982
Ion Ratio Lower Upper
43 100
72 24.1 13.0 38.9





#34

Trichloroethene

Concen: 0.375 ug/L

RT: 8.46 min Scan# 1173

Delta R.T. -0.24 min

Lab File: VR025331.D

Acq: 16 Jun 2018 19:10

Instrument :

MSVOA_R

ClientSampleId :

ESWF3

Tgt Ion: 95 Resp: 17318

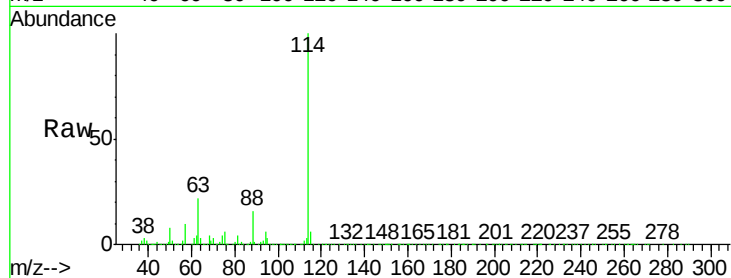
Ion Ratio Lower Upper

95 100

97 0.6 45.6 84.6#

132 1.3 60.9 113.1#

130 0.5 62.0 115.2#

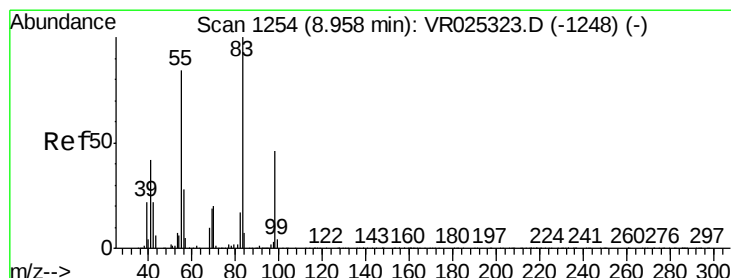
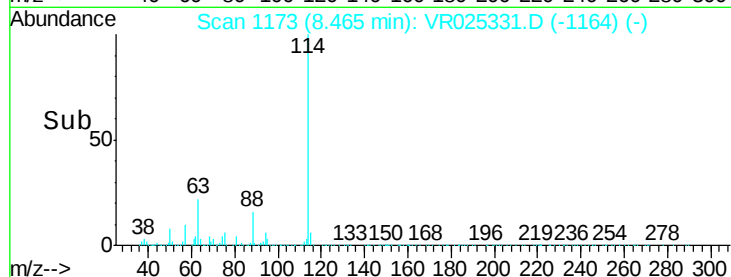
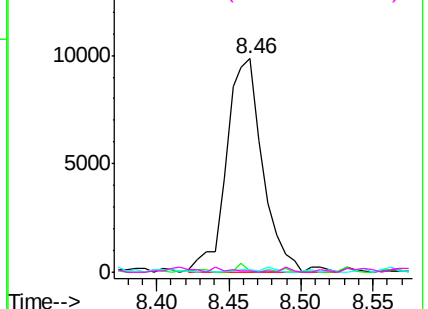


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025331.D

Acq: 16 Jun 2018 19:10

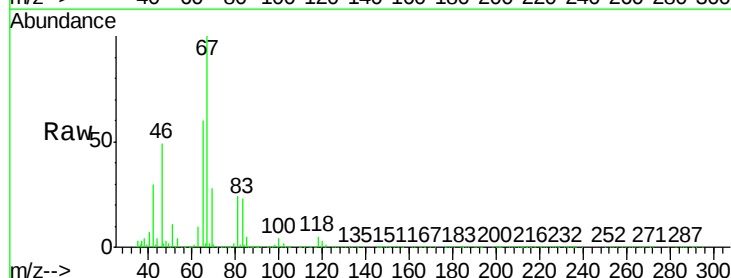
Tgt Ion: 83 Resp: 47853

Ion Ratio Lower Upper

83 100

55 1.0 66.1 99.1#

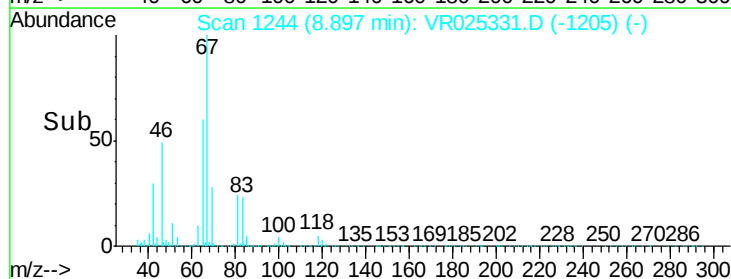
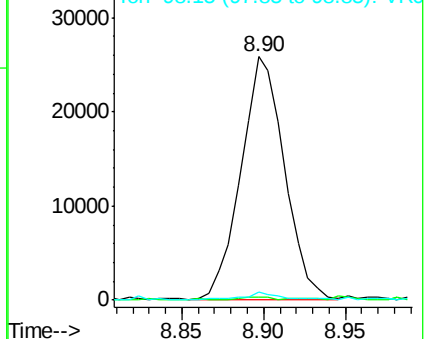
98 2.9 36.2 54.4#

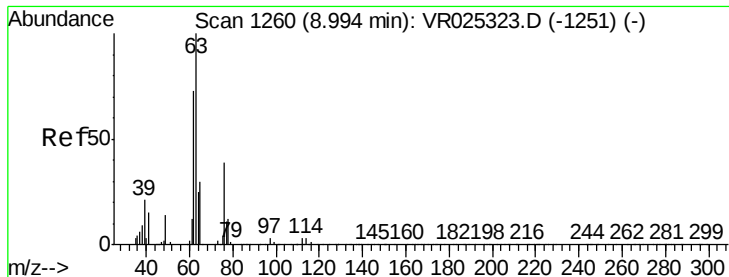


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.516 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025331.D

Acq: 16 Jun 2018 19:10

Instrument :

MSVOA_R

ClientSampleId :

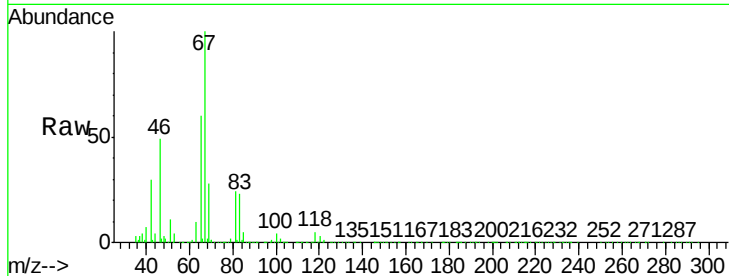
ESWF3

Tgt Ion: 63 Resp: 21894

Ion Ratio Lower Upper

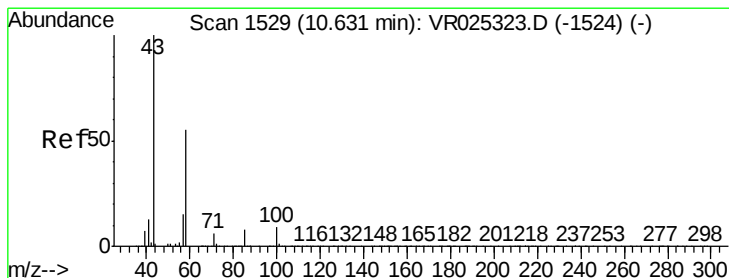
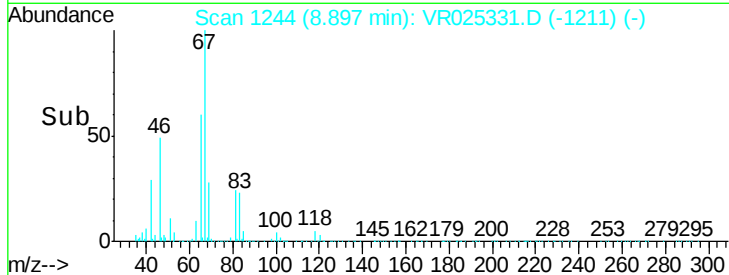
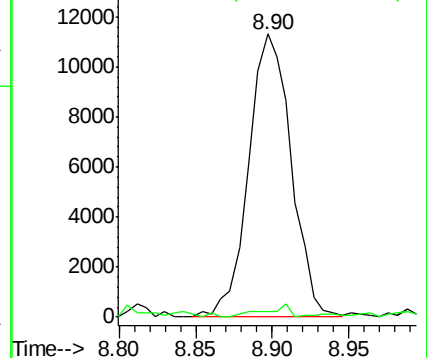
63 100

112 2.8 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 3.225 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025331.D

Acq: 16 Jun 2018 19:10

Tgt Ion: 43 Resp: 28233

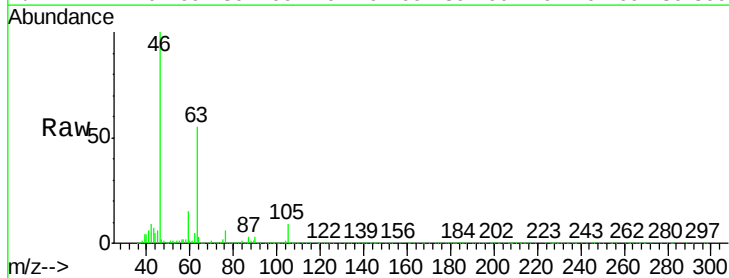
Ion Ratio Lower Upper

43 100

58 31.3 43.1 64.7#

57 27.3 15.3 22.9#

100 5.1 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

