

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061918\
 Data File : VR025372.D
 Acq On : 19 Jun 2018 18:40
 Operator : SY/MD
 Sample : J3553-16
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KK5

Quant Time: Jun 20 01:38:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 20 01:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	496567	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	434031	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	149226	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	77442	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	2.65	69	60261	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	3.64	63	153999	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	6.60	46	282685	62.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.70%
24) Chloroform-d	7.20	84	334849	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	7.90	65	138480	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	7.86	84	703637	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	8.90	67	218769	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	9.97	98	613473	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	10.24	79	37185	3.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.80%
46) 2-Hexanone-d5	10.59	63	238020	61.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	100212	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.20%#
64) 1,2-Dichlorobenzene-d4	13.51	152	150089	5.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.60%

Target Compounds

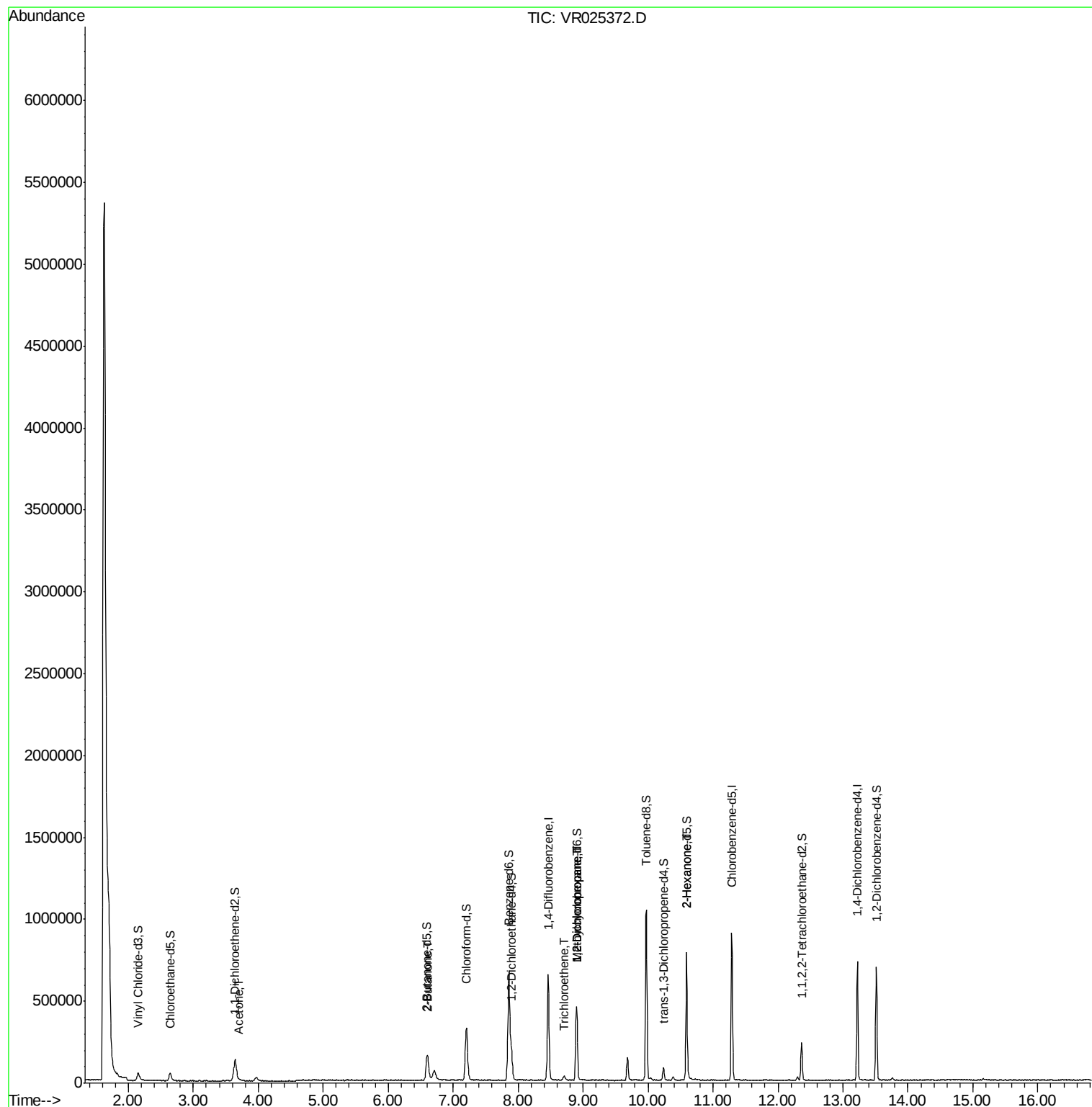
					Qvalue
13) Acetone	3.71	43	13844	6.761	ug/L 97
21) 2-Butanone	6.62	43	1174	0.243	ug/L 86
34) Trichloroethene	8.71	95	9638	0.234	ug/L # 83
35) Methylcyclohexane	8.90	83	48951	0.752	ug/L # 17
37) 1,2-Dichloropropane	8.90	63	22660	0.598	ug/L # 95
48) 2-Hexanone	10.59	43	30874	3.951	ug/L # 68

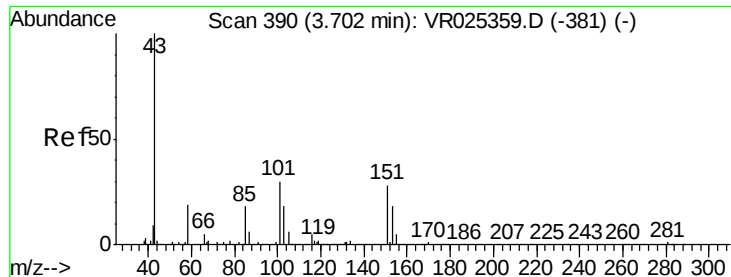
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 20 01:37:06 2018
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#13

Acetone

Concen: 6.761 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025372.D

Acq: 19 Jun 2018 18:40

Instrument :

MSVOA_R

ClientSampled :

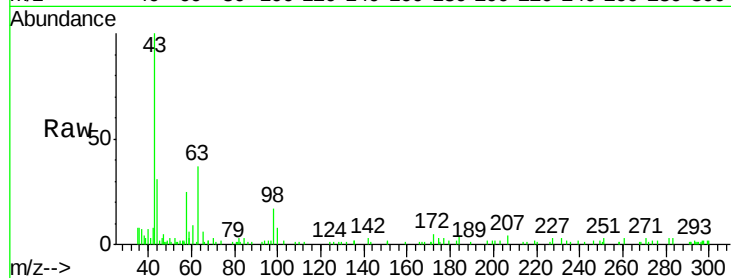
C0KK5

Tgt Ion: 43 Resp: 13844

Ion Ratio Lower Upper

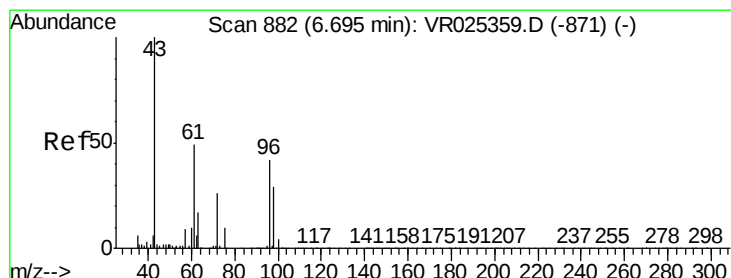
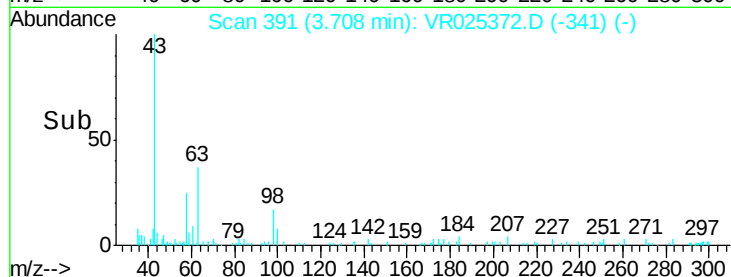
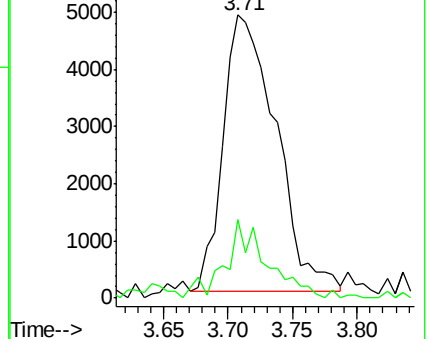
43 100

58 22.3 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: 0.243 ug/L

RT: 6.62 min Scan# 869

Delta R.T. -0.08 min

Lab File: VR025372.D

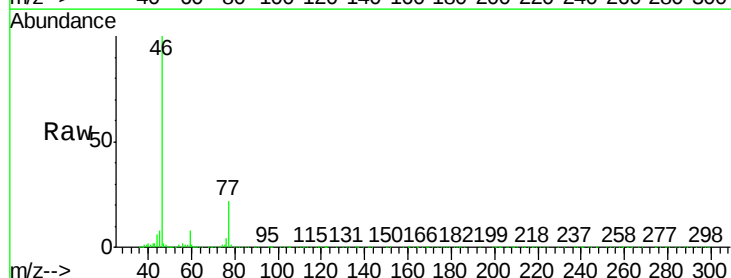
Acq: 19 Jun 2018 18:40

Tgt Ion: 43 Resp: 1174

Ion Ratio Lower Upper

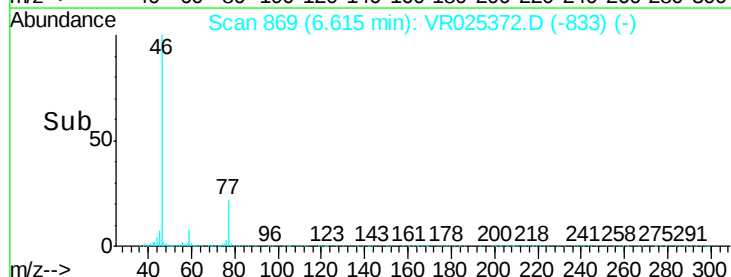
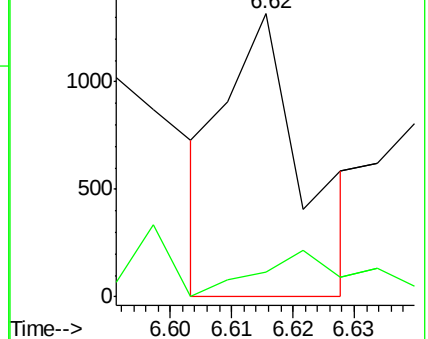
43 100

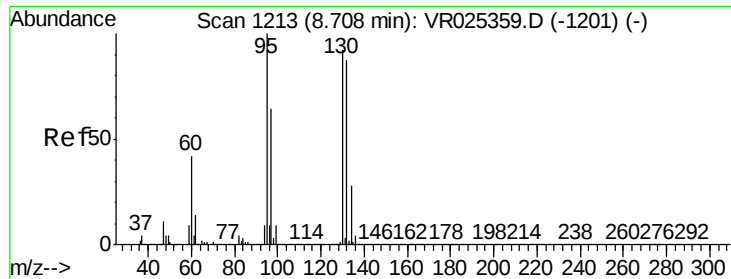
72 18.7 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#34

Trichloroethene

Concen: 0.234 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VR025372.D

Acq: 19 Jun 2018 18:40

Instrument :

MSVOA_R

ClientSampleId :

C0KK5

Tgt Ion: 95 Resp: 9638

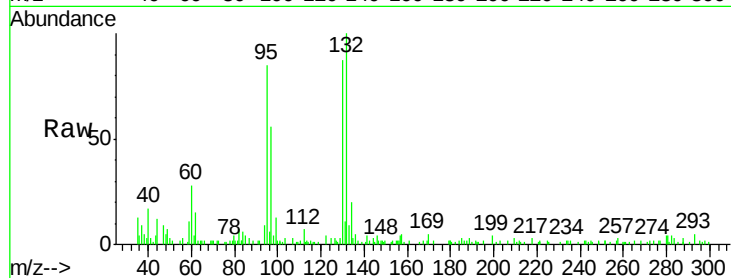
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.6

132 117.2 60.9 113.1#

130 101.4 62.0 115.2

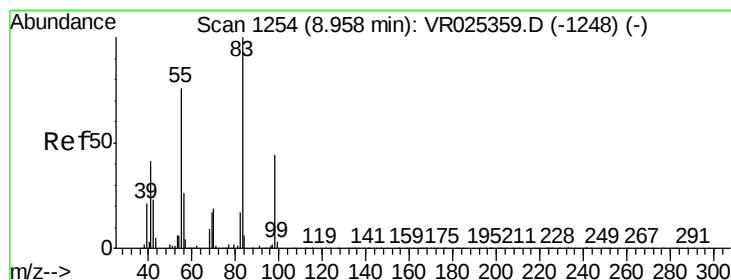
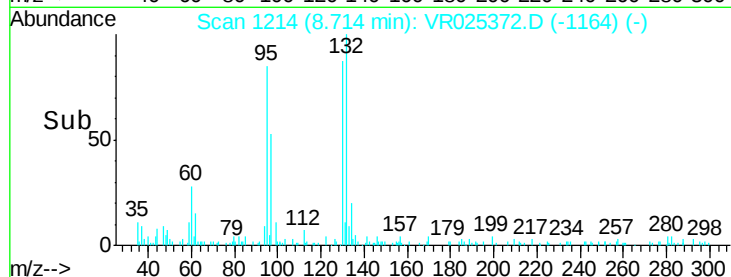
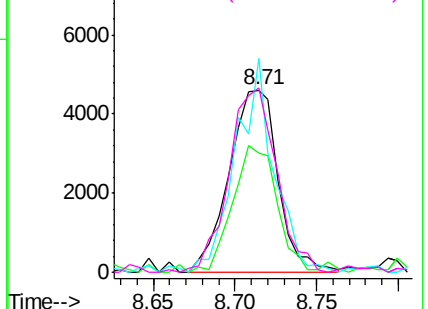


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.752 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025372.D

Acq: 19 Jun 2018 18:40

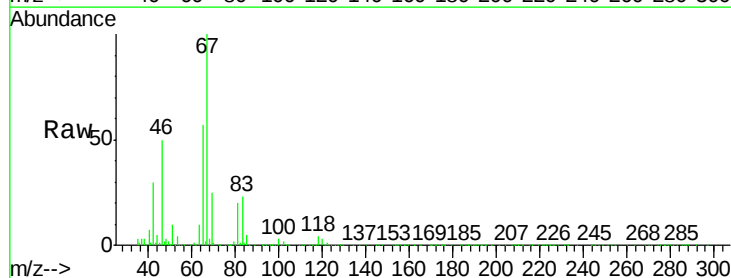
Tgt Ion: 83 Resp: 48951

Ion Ratio Lower Upper

83 100

55 1.5 66.1 99.1#

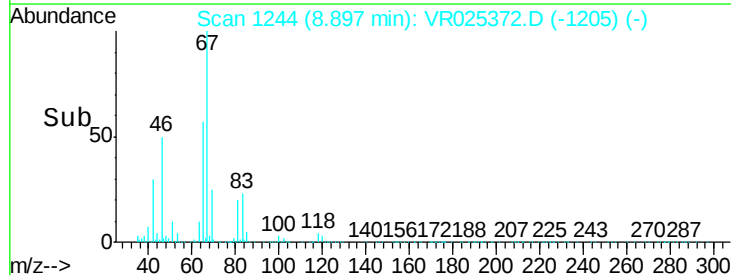
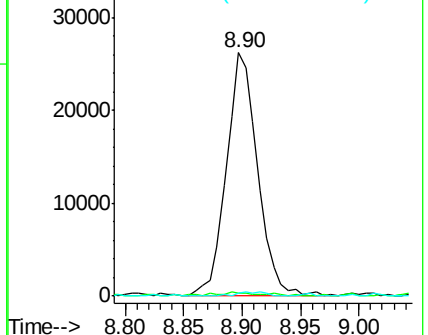
98 0.0 36.2 54.4#

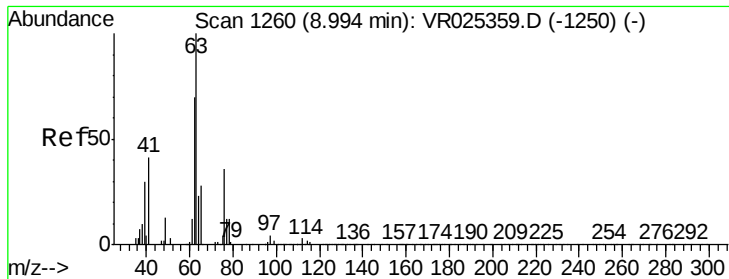


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.598 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025372.D

Acq: 19 Jun 2018 18:40

Instrument :

MSVOA_R

ClientSampleId :

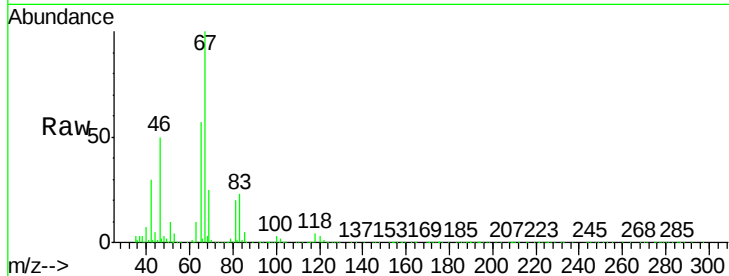
C0KK5

Tgt Ion: 63 Resp: 22660

Ion Ratio Lower Upper

63 100

112 1.9 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

8.90

12000

10000

8000

6000

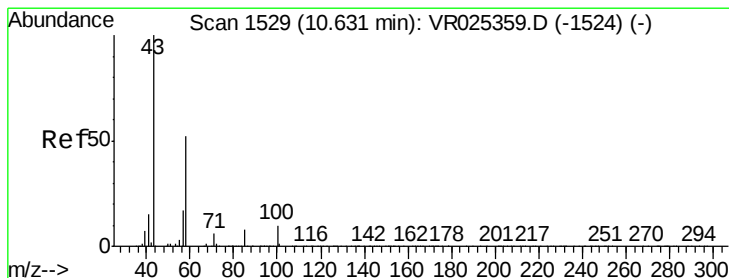
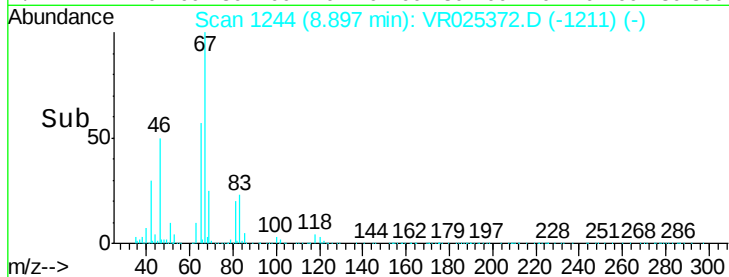
4000

2000

0

8.80 8.90 9.00

Time-->



#48

2-Hexanone

Concen: 3.951 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025372.D

Acq: 19 Jun 2018 18:40

Tgt Ion: 43 Resp: 30874

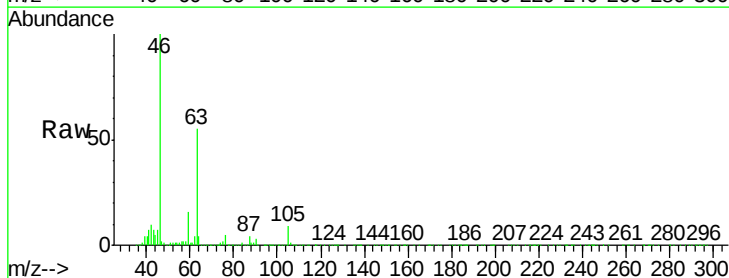
Ion Ratio Lower Upper

43 100

58 28.1 43.1 64.7#

57 31.0 15.3 22.9#

100 2.8 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

10.50 10.60

Time-->

