

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061918\
 Data File : VR025365.D
 Acq On : 19 Jun 2018 14:48
 Operator : SY/MD
 Sample : J3553-09
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KJ7

Quant Time: Jun 20 01:37:55 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	8.47	114	581118	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	496593	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	174800	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	81044	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	2.64	69	63662	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	3.64	63	160612	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	6.60	46	266509	50.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.46%
24) Chloroform-d	7.21	84	328024	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	7.90	65	140459	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	7.86	84	708896	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	8.90	67	214666	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	9.97	98	624107	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	10.24	79	42170	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	10.59	63	230122	52.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	96473	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	147610	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

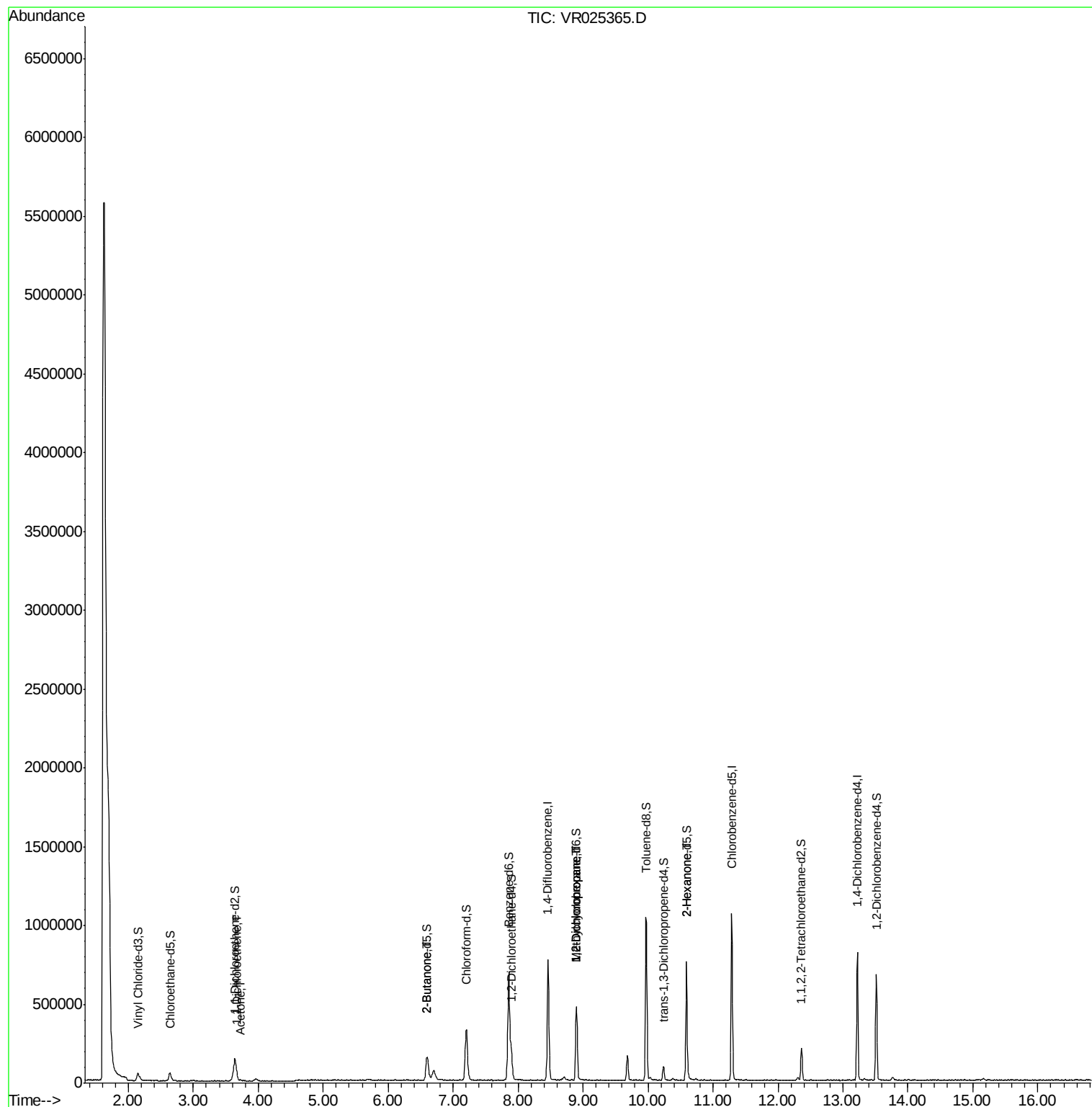
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.67	96	8851	0.433	ug/L #	1
13) Acetone	3.72	43	6972	2.910	ug/L	90
21) 2-Butanone	6.60	43	1853	0.327	ug/L	75
35) Methylcyclohexane	8.90	83	50157	0.674	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	22216	0.513	ug/L #	92
48) 2-Hexanone	10.59	43	27835	3.113	ug/L #	72

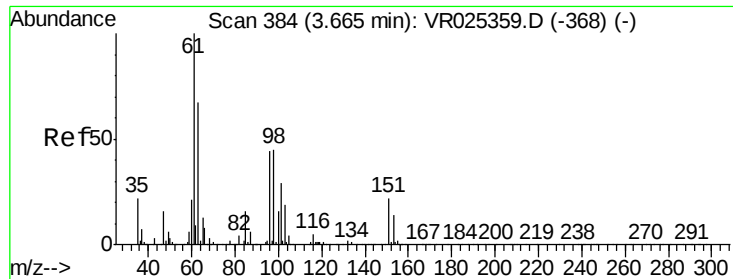
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 20 01:37:06 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.433 ug/L

RT: 3.67 min Scan# 385

Delta R.T. 0.01 min

Lab File: VR025365.D

Acq: 19 Jun 2018 14:48

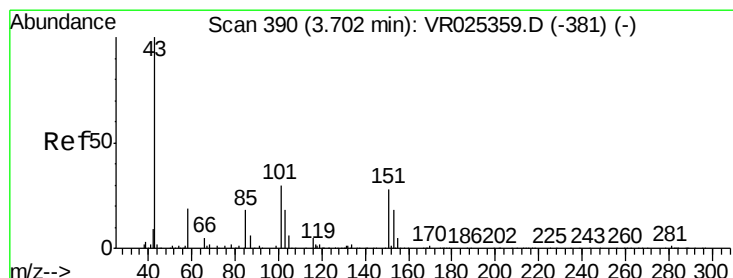
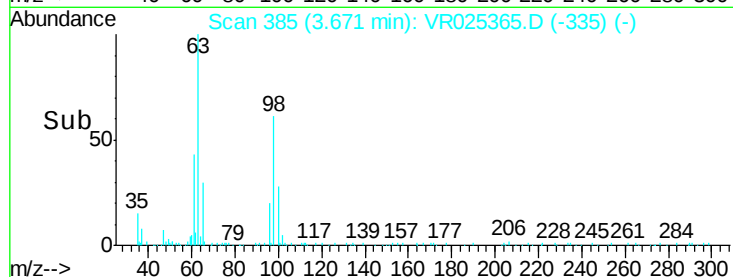
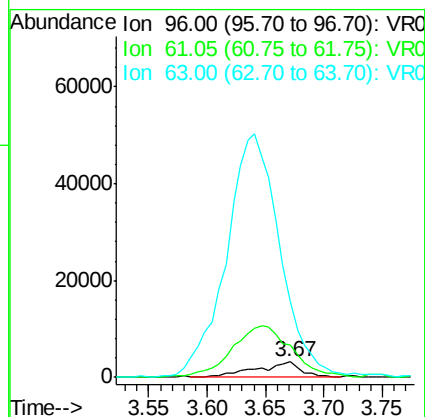
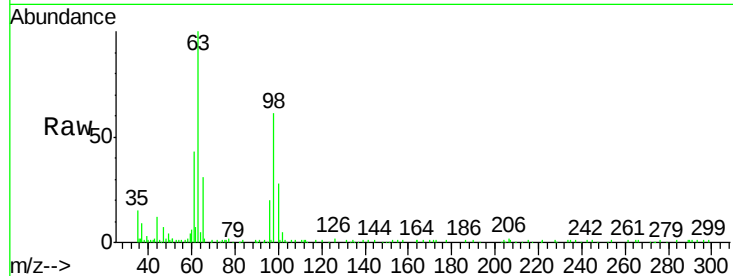
Instrument :

MSVOA_R

ClientSampleId :

C0KJ7

Tgt Ion:	96	Resp:	8851
Ion	Ratio	Lower	Upper
96	100		
61	213.8	155.0	287.9
63	495.3	122.3	227.1#



#13

Acetone

Concen: 2.910 ug/L

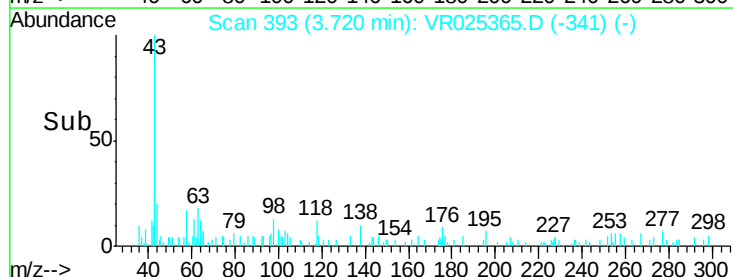
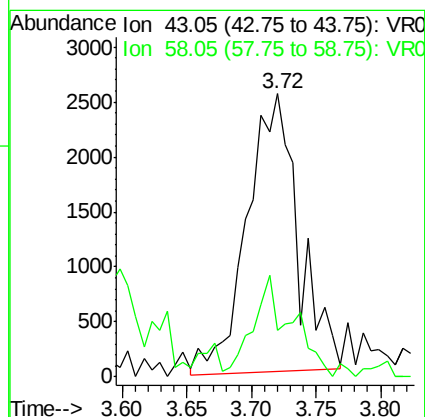
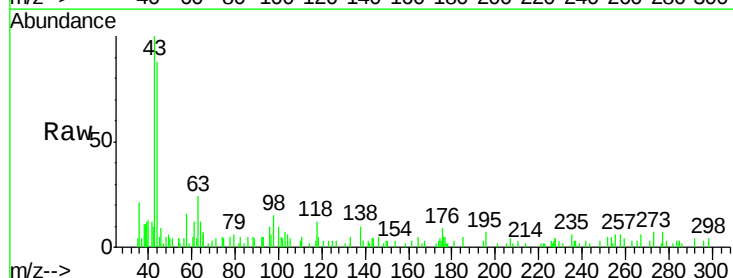
RT: 3.72 min Scan# 393

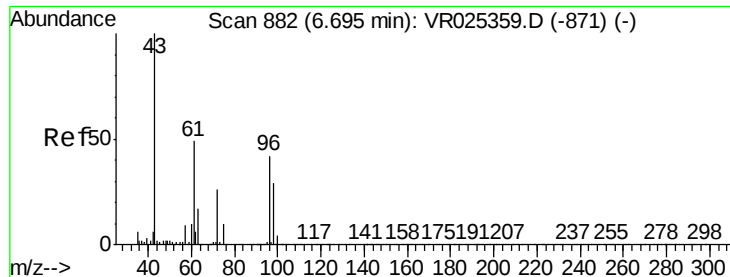
Delta R.T. 0.02 min

Lab File: VR025365.D

Acq: 19 Jun 2018 14:48

Tgt Ion:	43	Resp:	6972
Ion	Ratio	Lower	Upper
43	100		
58	16.4	0.0	41.6





#21

2-Butanone

Concen: 0.327 ug/L

RT: 6.60 min Scan# 866

Delta R.T. -0.10 min

Lab File: VR025365.D

Acq: 19 Jun 2018 14:48

Instrument :

MSVOA_R

ClientSampleId :

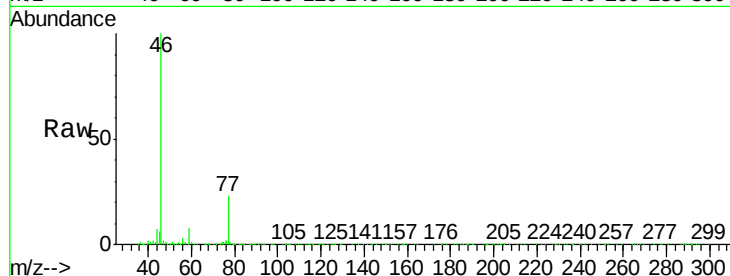
C0KJ7

Tgt Ion: 43 Resp: 1853

Ion Ratio Lower Upper

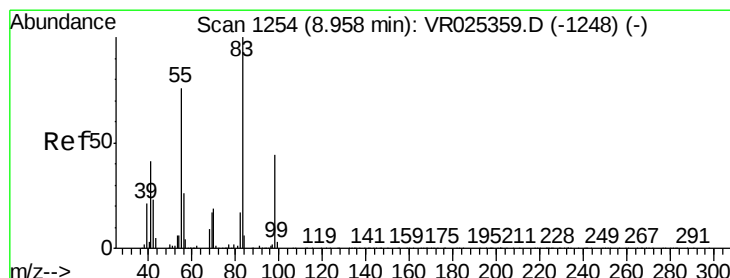
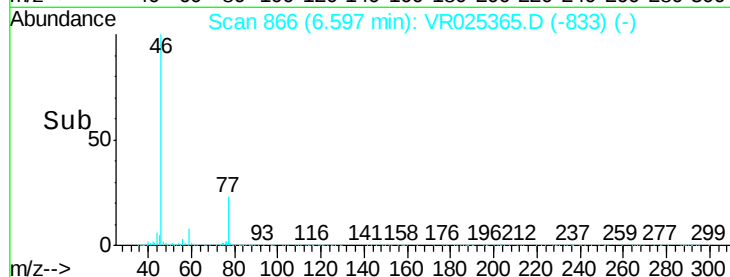
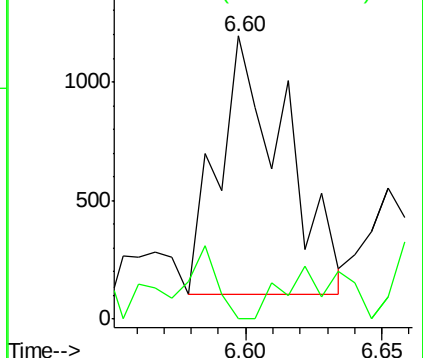
43 100

72 13.1 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: 0.674 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025365.D

Acq: 19 Jun 2018 14:48

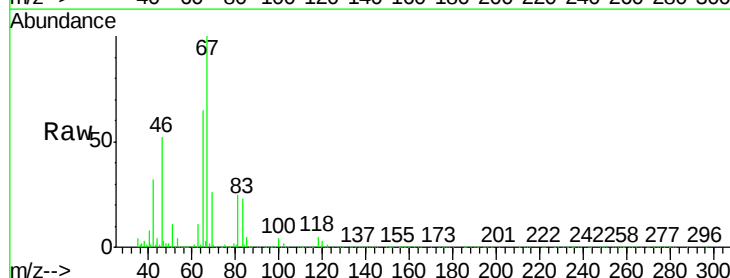
Tgt Ion: 83 Resp: 50157

Ion Ratio Lower Upper

83 100

55 0.7 66.1 99.1#

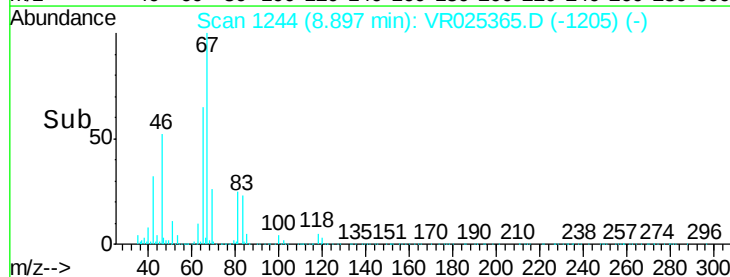
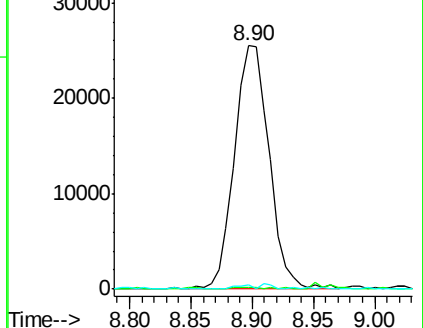
98 0.8 36.2 54.4#

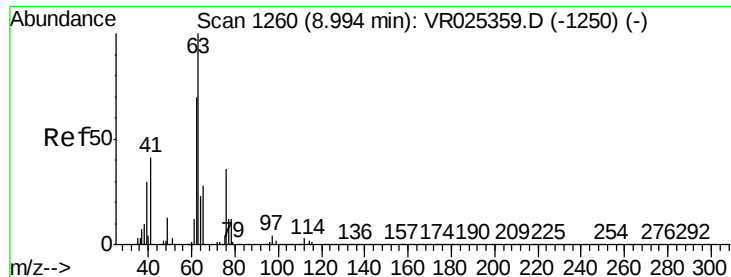


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.513 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025365.D

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ClientSampleId :

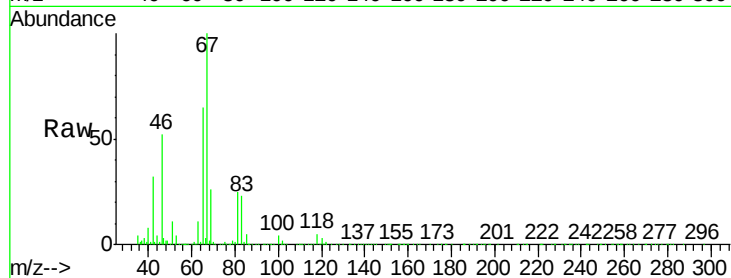
C0KJ7

Tgt Ion: 63 Resp: 22216

Ion Ratio Lower Upper

63 100

112 0.9 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

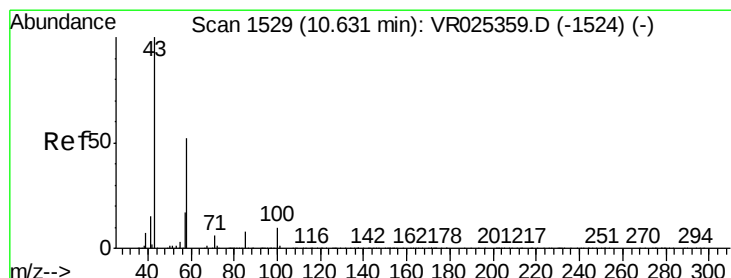
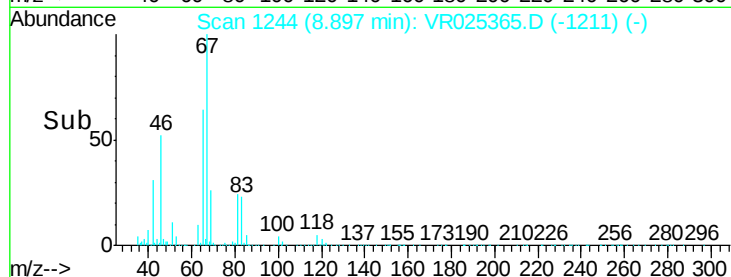
8.90

10000

5000

0

Time--> 8.80 8.85 8.90 8.95 9.00



#48

2-Hexanone

Concen: 3.113 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025365.D

Acq: 19 Jun 2018 14:48

Tgt Ion: 43 Resp: 27835

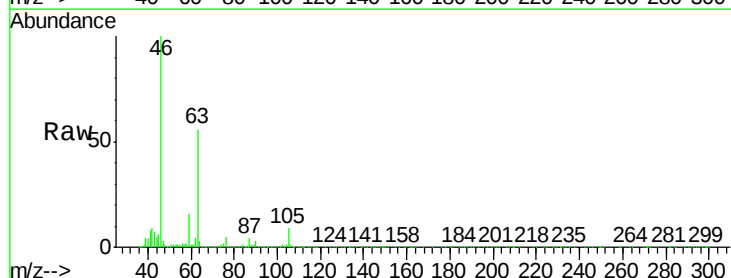
Ion Ratio Lower Upper

43 100

58 30.2 43.1 64.7#

57 29.8 15.3 22.9#

100 6.9 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

Time--> 10.55 10.60 10.65

