

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080618\
 Data File : VR025562.D
 Acq On : 6 Aug 2018 19:15
 Operator : SY/MD
 Sample : J4243-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AD7

Quant Time: Aug 06 23:41:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 23:40:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	483658	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	426575	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	143589	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	128802	4.29	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	2.63	69	109795	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	3.63	63	226855	3.28	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	6.60	46	124233	50.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.30%
24) Chloroform-d	7.21	84	244907	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	7.89	65	88746	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	7.86	84	535982	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.90	67	151810	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	9.97	98	491616	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	10.24	79	31837	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	10.59	63	147229	59.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73322	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	145166	6.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.40%#

Target Compounds

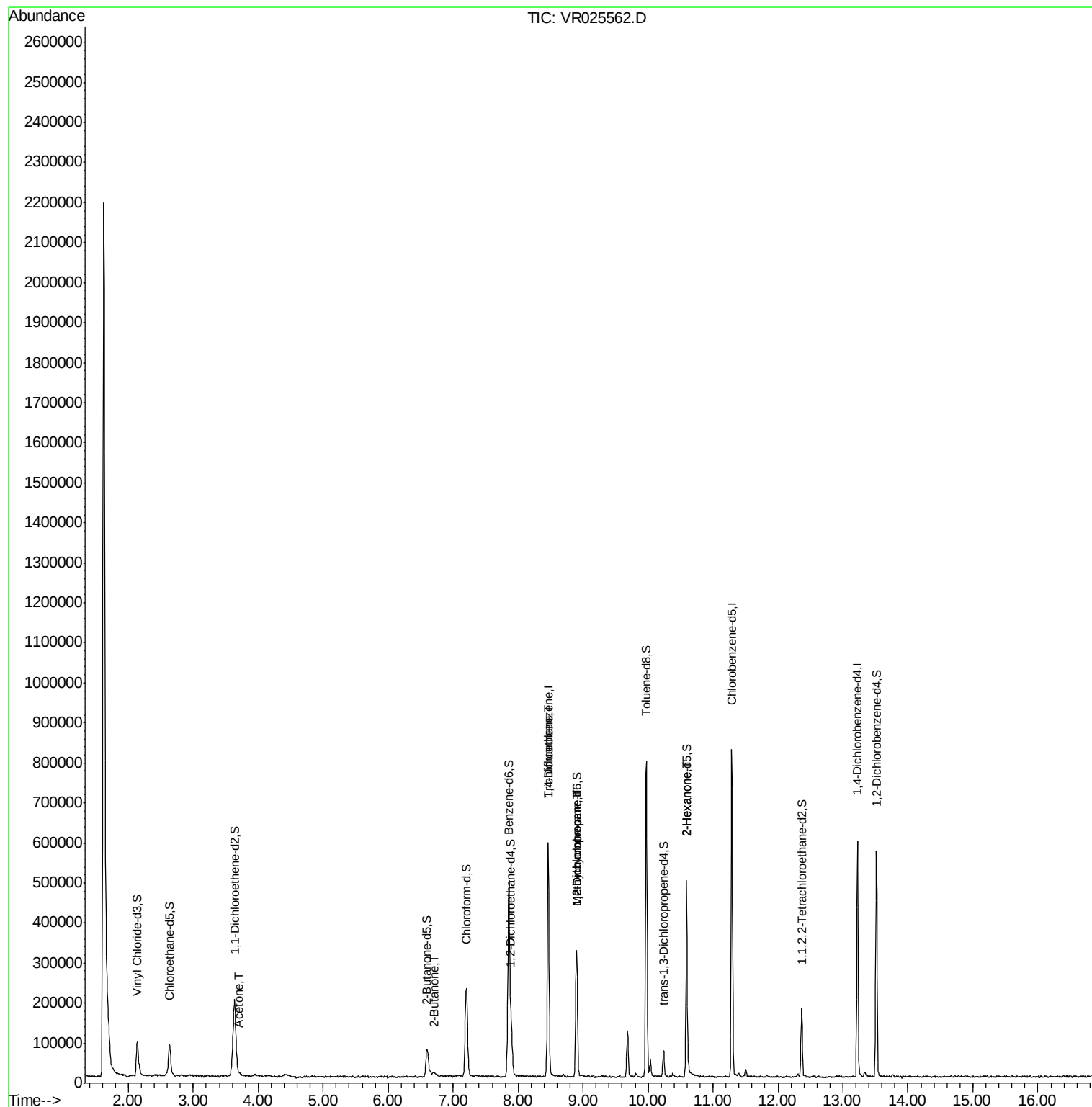
					Qvalue
13) Acetone	3.71	43	5437	2.611 ug/L	68
21) 2-Butanone	6.69	43	1146	0.396 ug/L	84
34) Trichloroethene	8.46	95	12476	0.381 ug/L #	6
35) Methylcyclohexane	8.90	83	35560	0.722 ug/L #	21
37) 1,2-Dichloropropane	8.90	63	14744	0.532 ug/L #	94
48) 2-Hexanone	10.59	43	17591	3.337 ug/L #	70

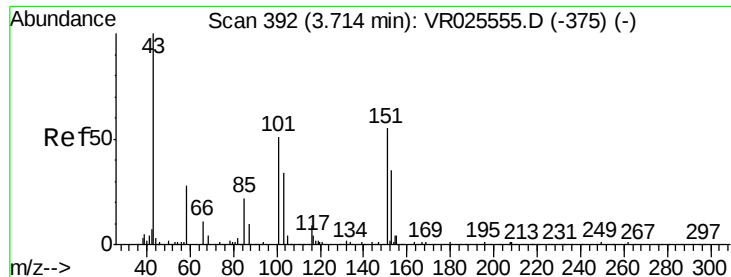
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.611 ug/L

RT: 3.71 min Scan# 391

Delta R.T. -0.01 min

Lab File: VR025562.D

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ClientSampleID :

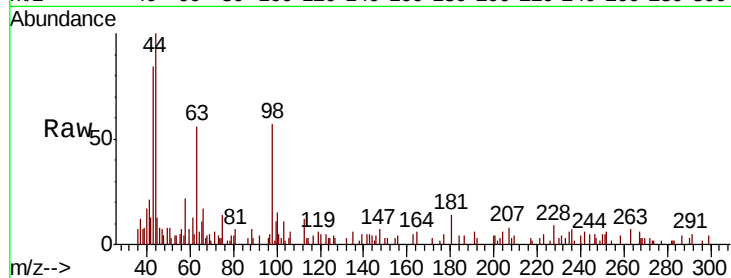
C0AD7

Tgt Ion: 43 Resp: 5437

Ion Ratio Lower Upper

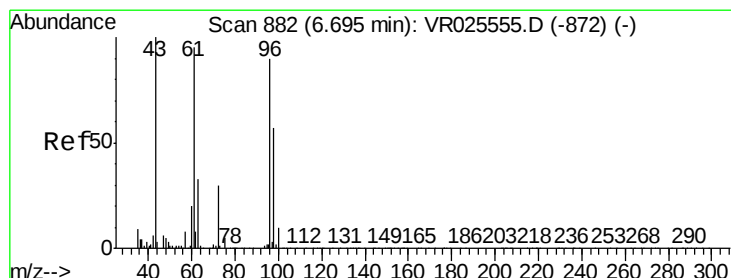
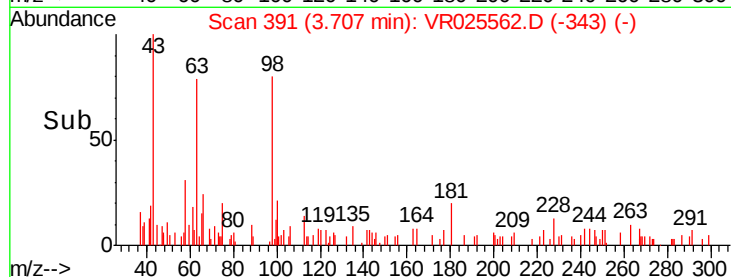
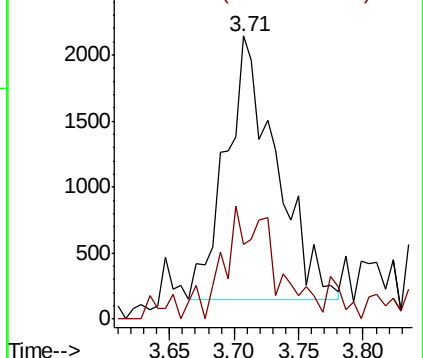
43 100

58 43.4 0.0 53.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.396 ug/L

RT: 6.69 min Scan# 882

Delta R.T. -0.00 min

Lab File: VR025562.D

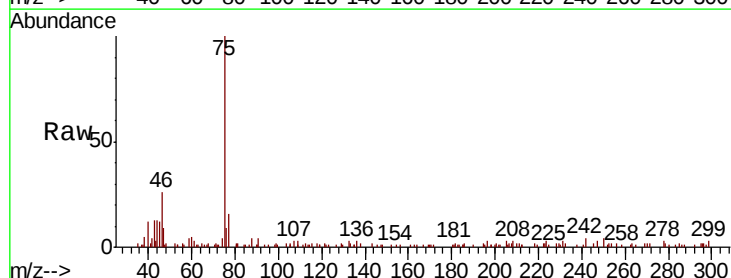
Acq: 6 Aug 2018 19:15

Tgt Ion: 43 Resp: 1146

Ion Ratio Lower Upper

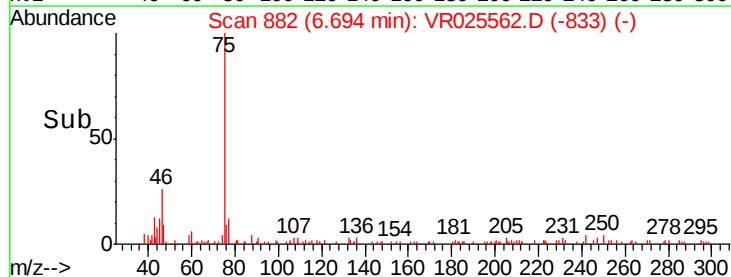
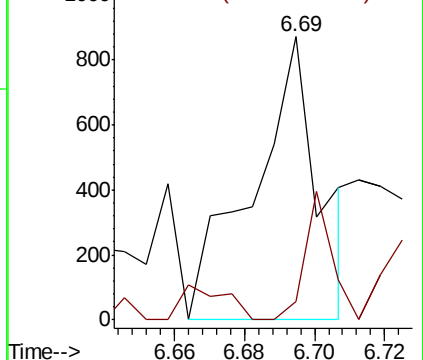
43 100

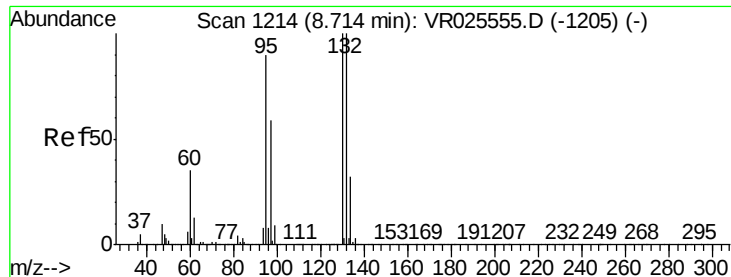
72 18.4 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

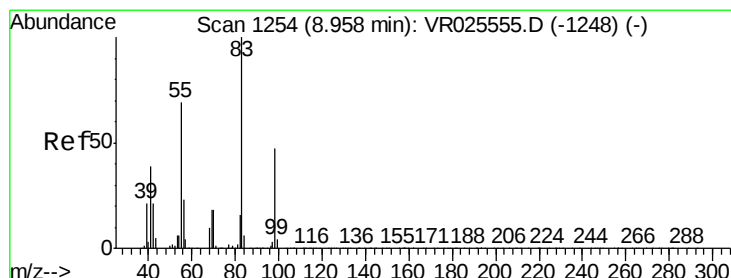
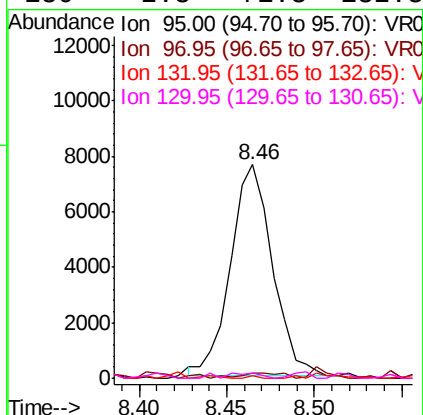
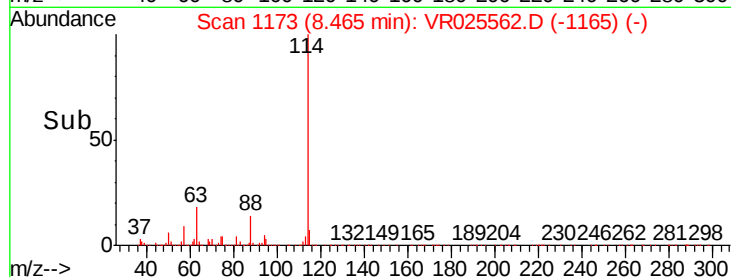
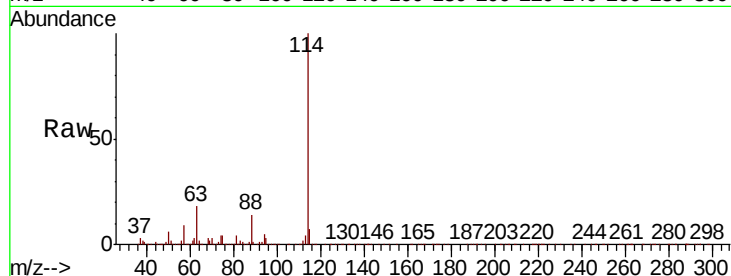




#34
 Trichloroethene
 Concen: 0.381 ug/L
 RT: 8.46 min Scan# 1173
 Delta R.T. -0.25 min
 Lab File: VR025562.D
 Acq: 6 Aug 2018 19:15

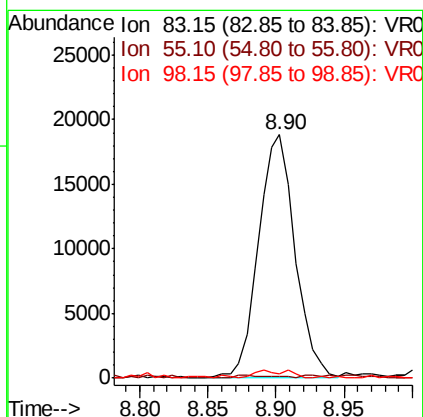
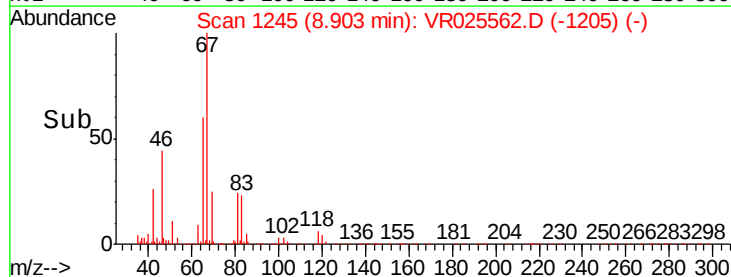
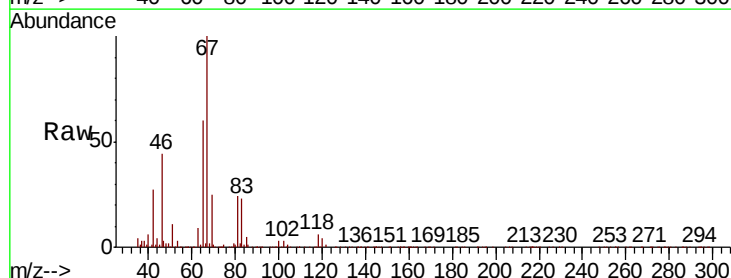
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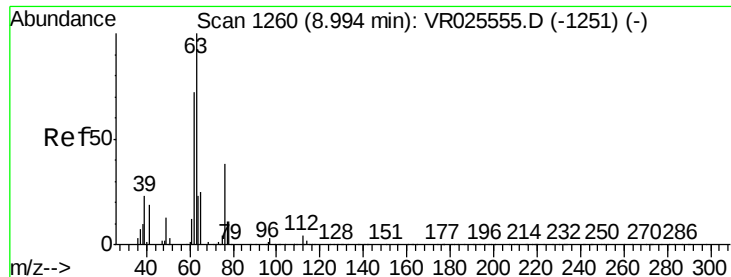
Tgt Ion	Ratio	Lower	Upper
95	100		
97	2.7	46.7	86.7#
132	1.2	71.7	133.1#
130	2.3	71.3	132.3#



#35
 Methylcyclohexane
 Concen: 0.722 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.05 min
 Lab File: VR025562.D
 Acq: 6 Aug 2018 19:15

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	58.3	87.5#
98	2.0	37.8	56.6#





#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025562.D

Acq: 6 Aug 2018 19:15

Instrument :

MSVOA_R

ClientSampleId :

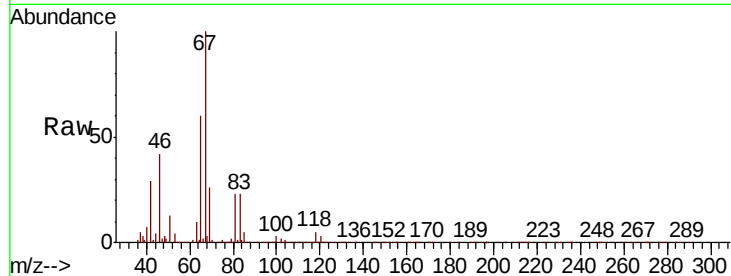
C0AD7

Tgt Ion: 63 Resp: 14744

Ion Ratio Lower Upper

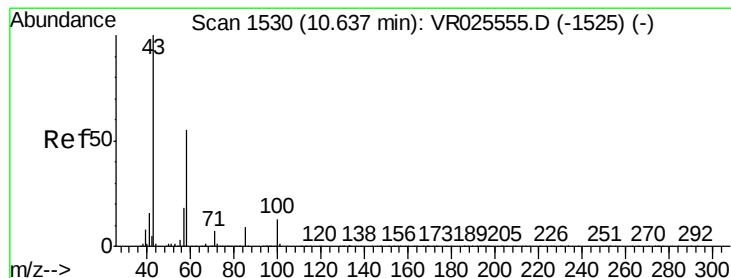
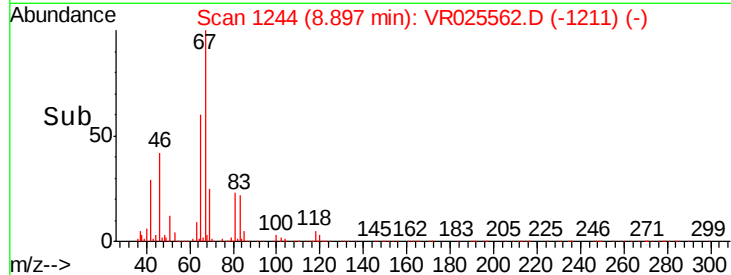
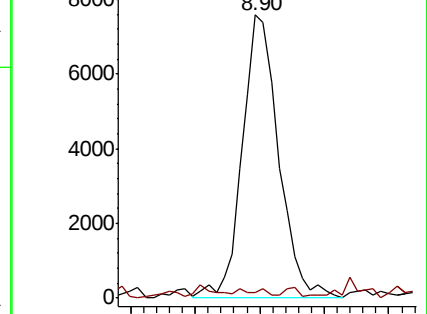
63 100

112 2.2 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 3.337 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025562.D

Acq: 6 Aug 2018 19:15

Tgt Ion: 43 Resp: 17591

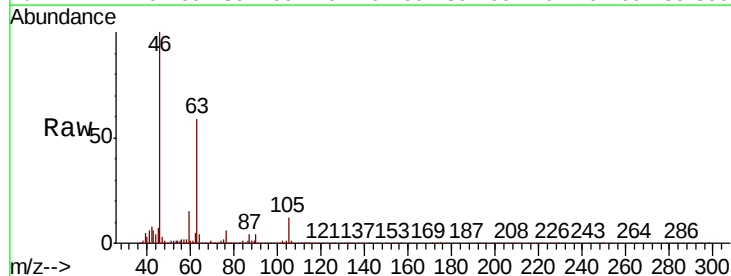
Ion Ratio Lower Upper

43 100

58 29.7 45.0 67.6#

57 30.3 15.8 23.6#

100 7.2 9.3 13.9#



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

