

Data File : VR026178.D
Acq On : 5 Nov 2018 14:09
Operator : SY/MD
Sample : J5802-12
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BD8

Quant Time: Nov 06 03:22:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 03:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	548019	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	451029	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	137383	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	223578	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	2.62	69	208103	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	3.60	63	448617	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	6.58	46	196452	49.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.78%
24) Chloroform-d	7.20	84	377720	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	7.89	65	158066	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	7.85	84	761406	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	8.89	67	208261	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	9.97	98	736956	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	10.24	79	48871	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	10.59	63	157750	55.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75201	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	129225	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

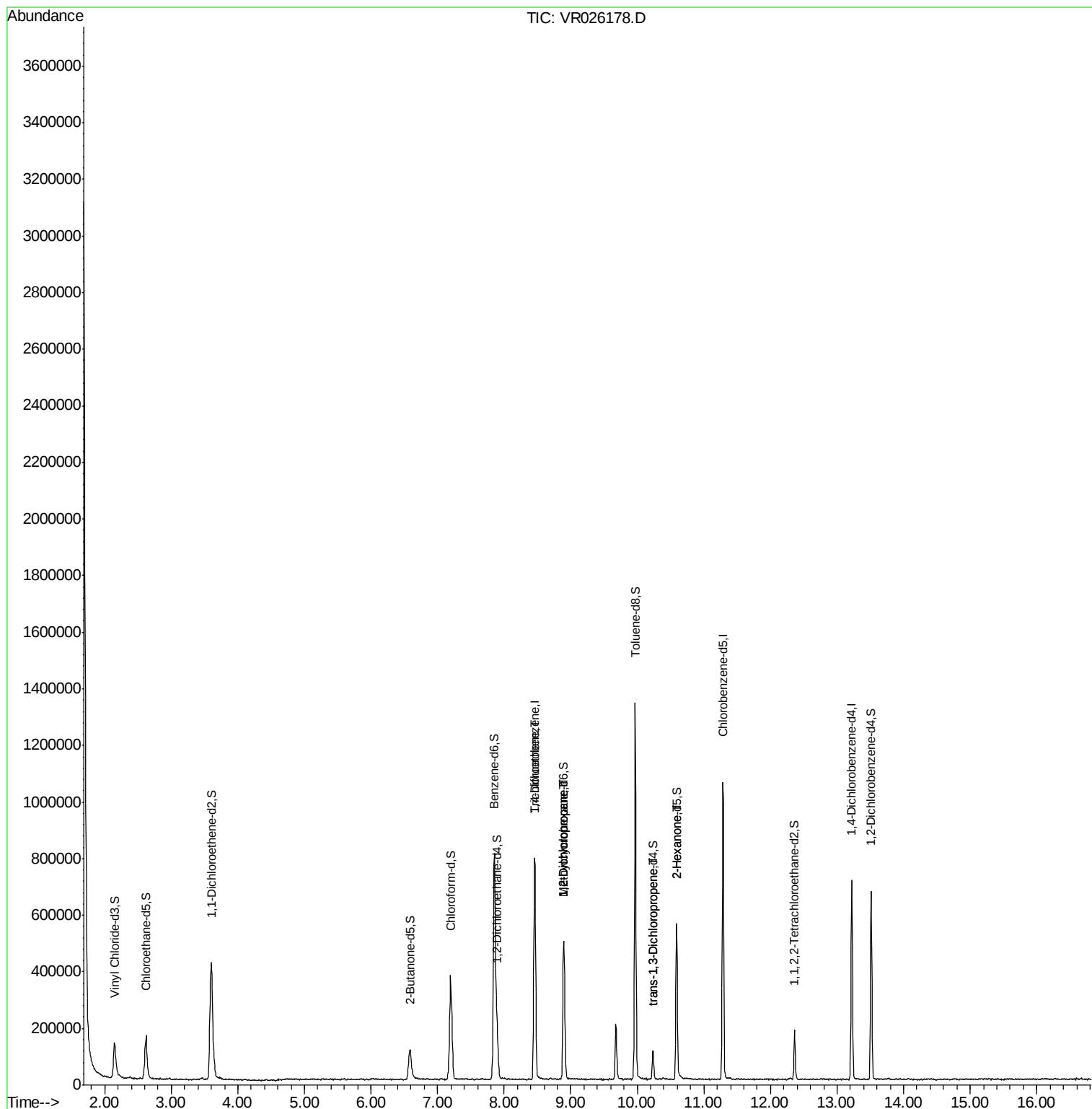
					Qvalue
34) Trichloroethene	8.46	95	18198	0.420 ug/L #	11
35) Methylcyclohexane	8.90	83	49729	0.771 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	25933	0.726 ug/L #	97
44) trans-1,3-Dichloropropene	10.24	75	3150	0.110 ug/L	96
48) 2-Hexanone	10.59	43	24539	3.446 ug/L #	69

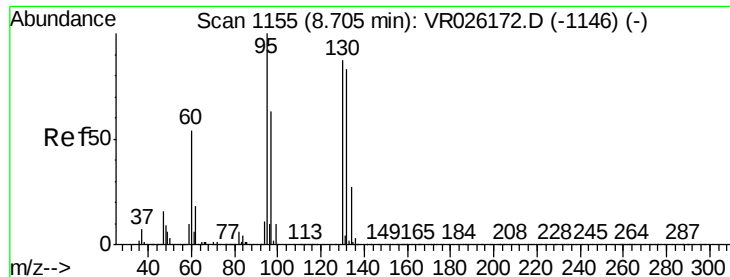
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.420 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

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Acq: 5 Nov 2018 14:09

Instrument :

MSVOA_R

ClientSampleId :

C0BD8

Tgt Ion: 95 Resp: 18198

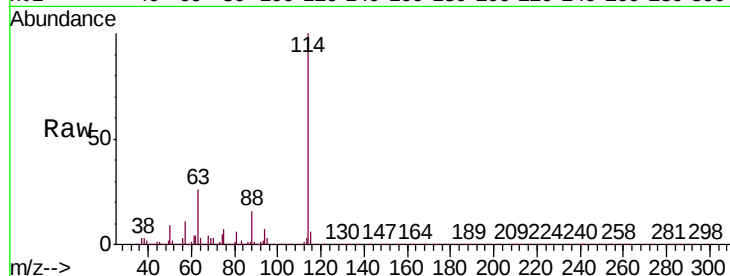
Ion Ratio Lower Upper

95 100

97 0.0 45.7 84.9#

132 1.2 58.3 108.3#

130 3.8 64.0 119.0#

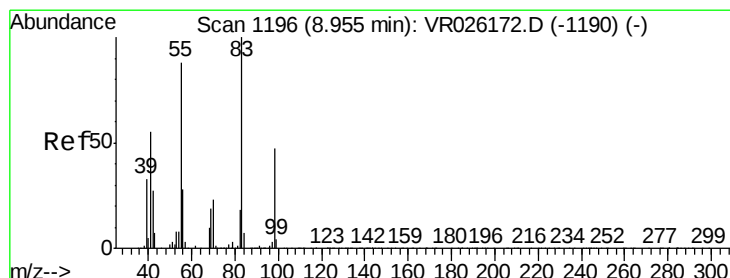
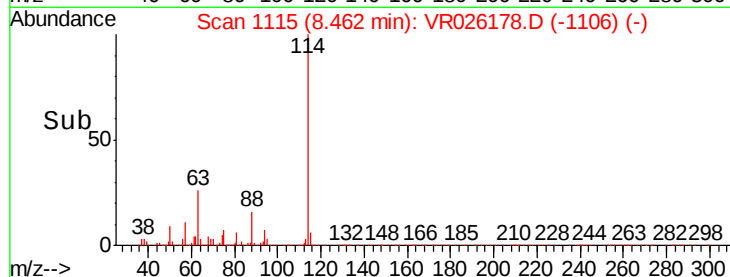
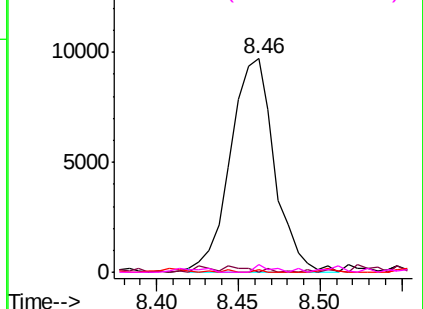


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.771 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026178.D

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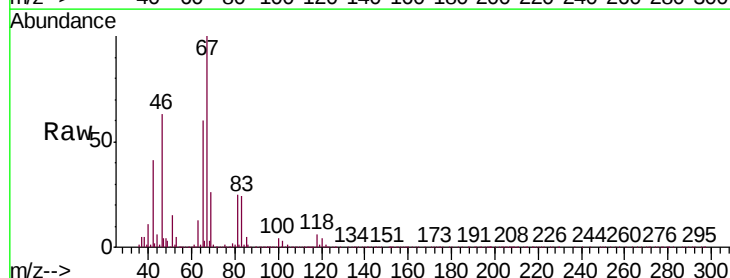
Tgt Ion: 83 Resp: 49729

Ion Ratio Lower Upper

83 100

55 1.1 66.8 100.2#

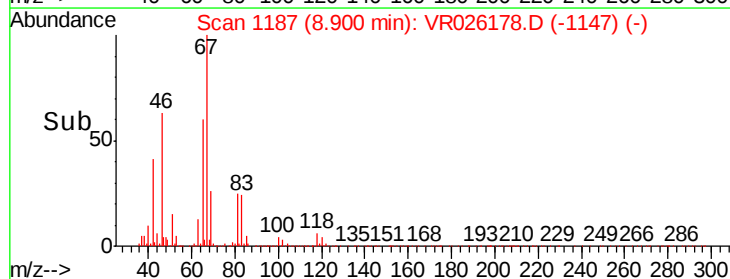
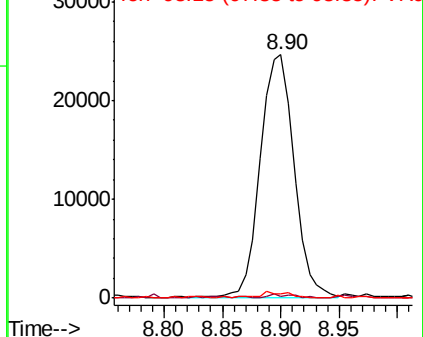
98 2.4 35.2 52.8#

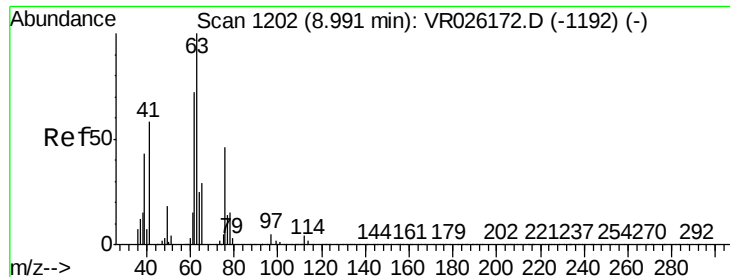


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

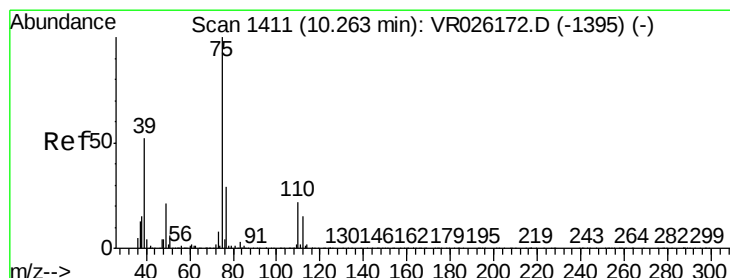
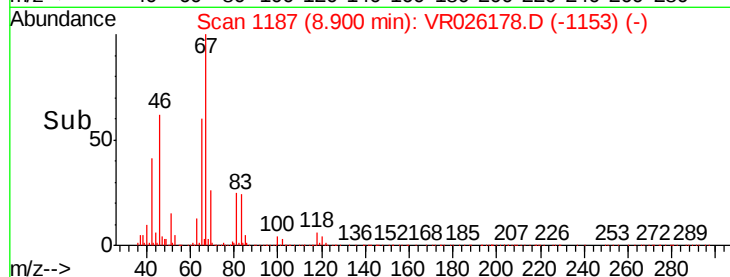
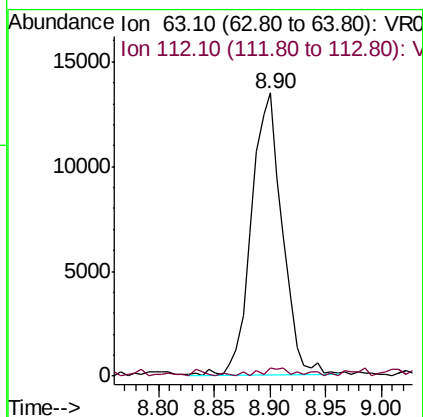
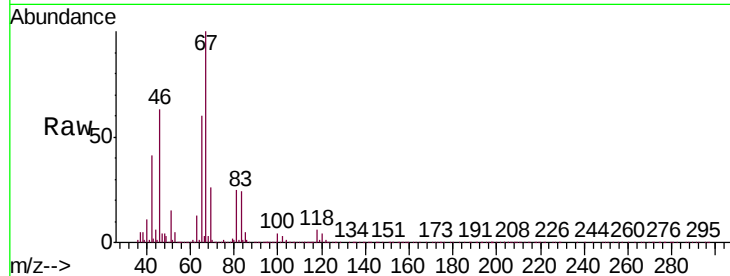




#37
 1,2-Dichloropropane
 Concen: 0.726 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026178.D
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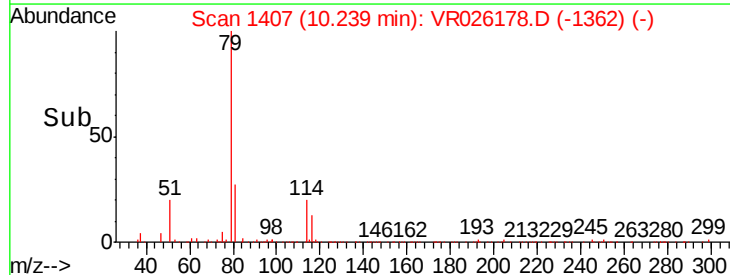
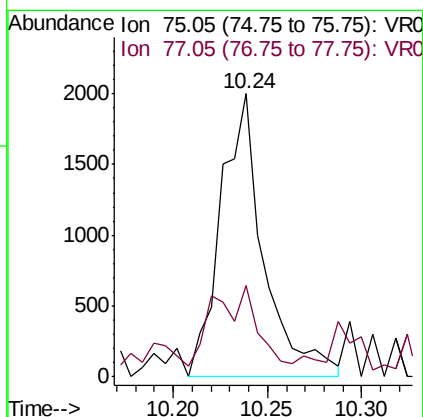
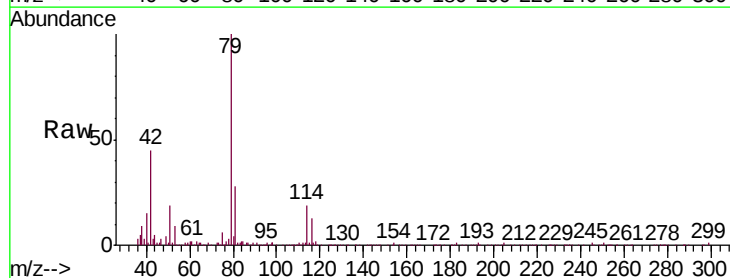
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 MSVOA_R
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 C0BD8

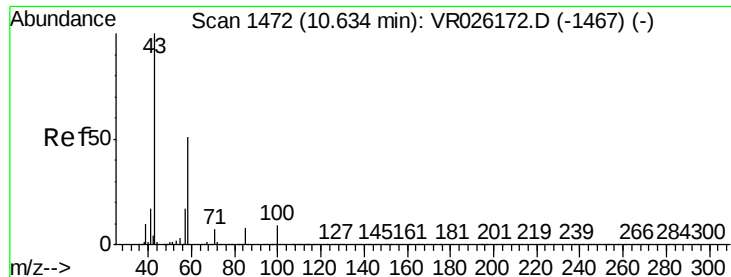
Tgt Ion: 63 Resp: 25933
 Ion Ratio Lower Upper
 63 100
 112 2.6 2.7 4.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 10.24 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VR026178.D
 Acq: 5 Nov 2018 14:09

Tgt Ion: 75 Resp: 3150
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.1 44.7





#48

2-Hexanone

Concen: 3.446 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026178.D

Acq: 5 Nov 2018 14:09

Instrument :

MSVOA_R

ClientSampleId :

C0BD8

Tgt Ion: 43 Resp: 24539

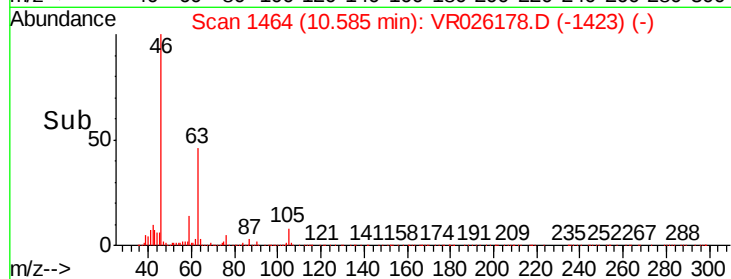
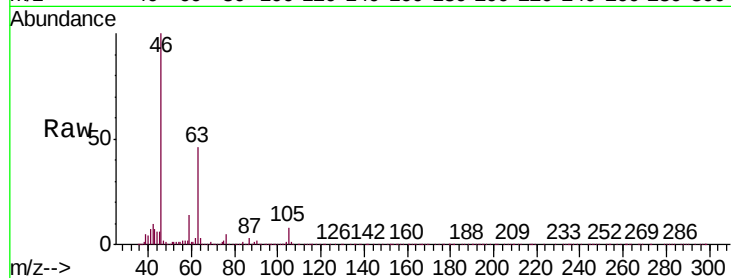
Ion Ratio Lower Upper

43 100

58 26.4 39.6 59.4#

57 32.6 14.0 21.0#

100 4.7 7.0 10.6#



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

