

Data File : VR026512.D
Acq On : 8 Apr 2019 17:20
Operator : SY/MD
Sample : K2271-25
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK02

Quant Time: Apr 09 01:42:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 01:39:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	661330	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	555374	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	169700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	199539	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	2.63	69	172912	4.13	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	3.63	63	408958	3.15	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	6.58	46	228379	50.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.96%
24) Chloroform-d	7.20	84	423533	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	7.90	65	190854	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	7.85	84	773150	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	8.89	67	211687	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	9.97	98	714454	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	10.23	79	47040	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	10.59	63	190061	58.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83475	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	141042	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

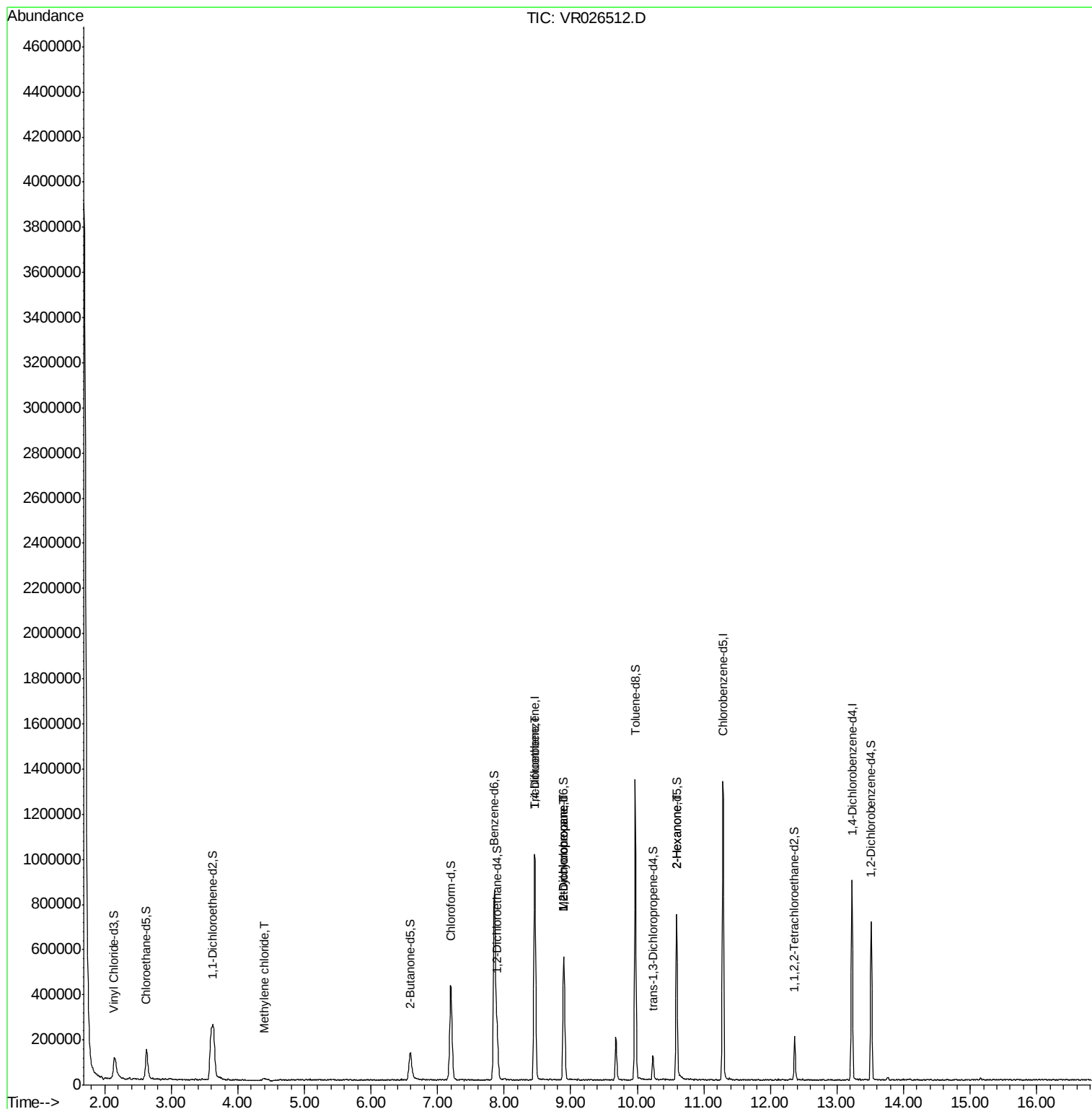
					Qvalue
16) Methylene chloride	4.40	84	7810	0.150 ug/L	87
34) Trichloroethene	8.46	95	23452	0.403 ug/L #	12
35) Methylcyclohexane	8.90	83	49959	0.603 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	28325	0.596 ug/L #	93
48) 2-Hexanone	10.59	43	30732	3.315 ug/L #	70

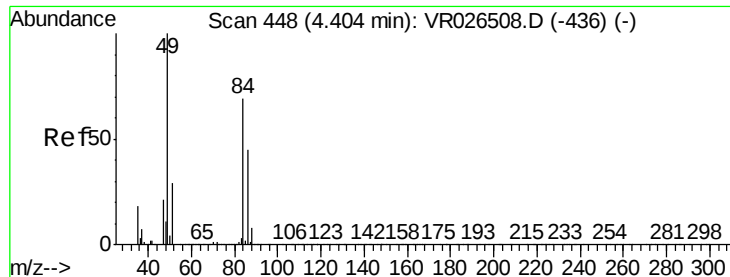
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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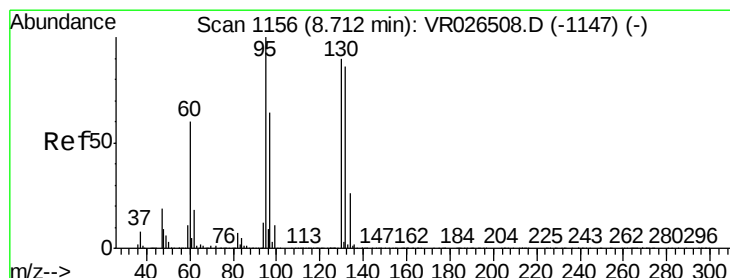
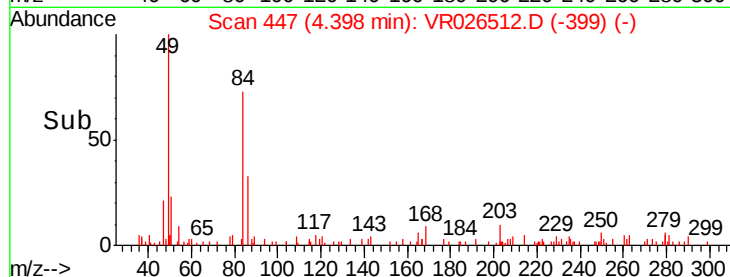
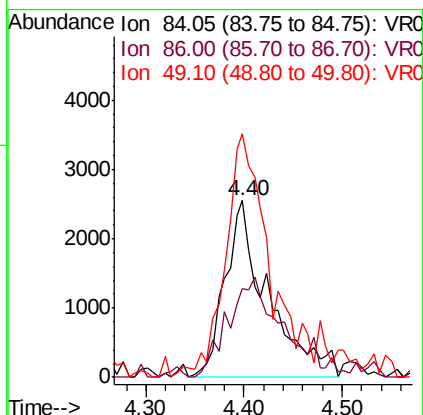
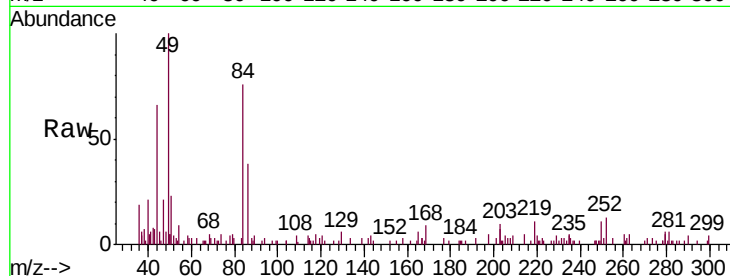




#16
Methylene chloride
Concen: 0.150 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: VR026512.D
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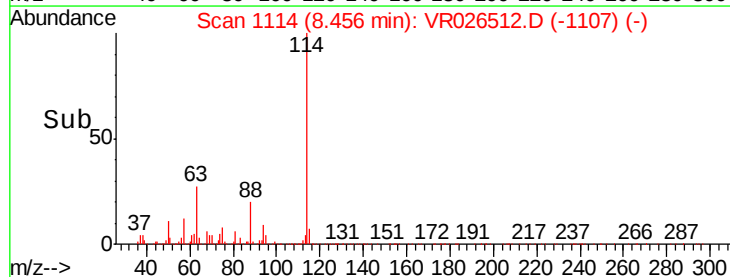
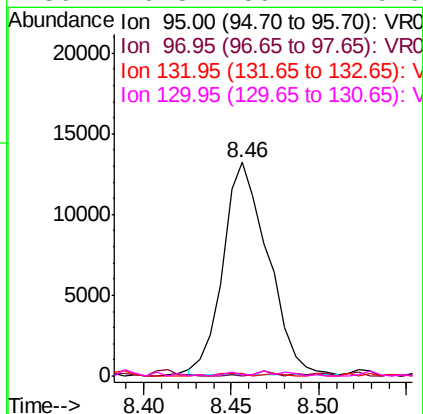
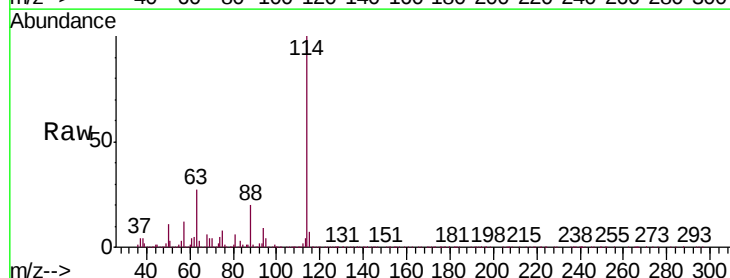
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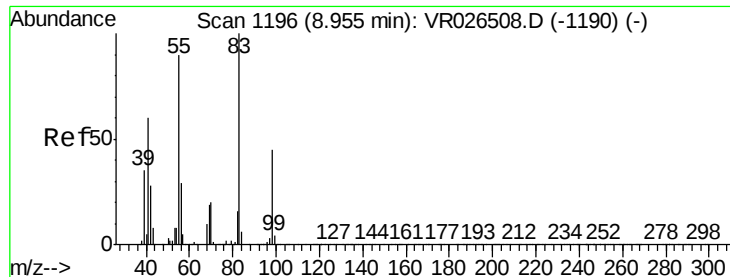
Tgt Ion: 84 Resp: 7810
Ion Ratio Lower Upper
84 100
86 50.4 45.6 84.6
49 138.0 106.5 197.9



#34
Trichloroethene
Concen: 0.403 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
Lab File: VR026512.D
Acq: 8 Apr 2019 17:20

Tgt Ion: 95 Resp: 23452
Ion Ratio Lower Upper
95 100
97 0.0 43.8 81.3#
132 1.4 57.2 106.2#
130 0.8 59.7 110.9#

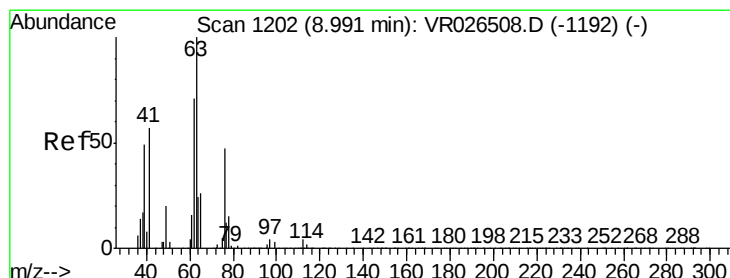
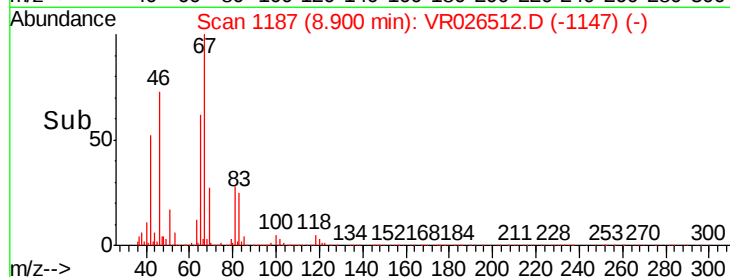
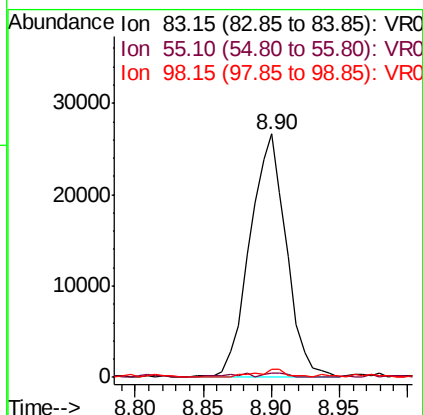
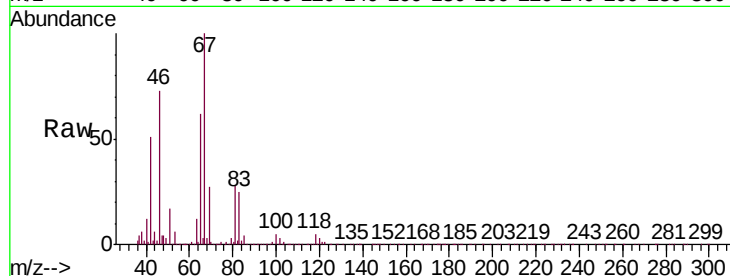




#35
Methylcyclohexane
Concen: 0.603 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026512.D
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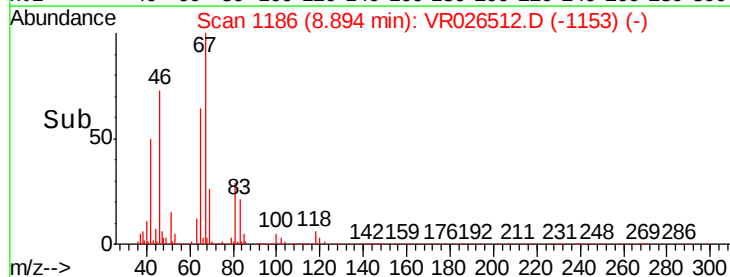
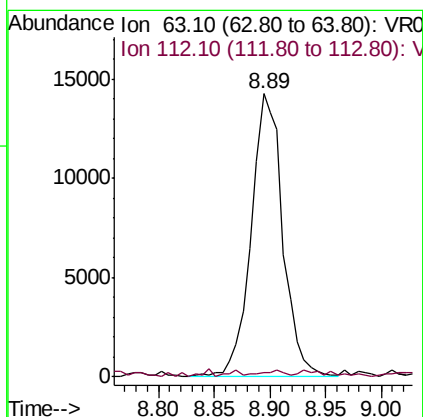
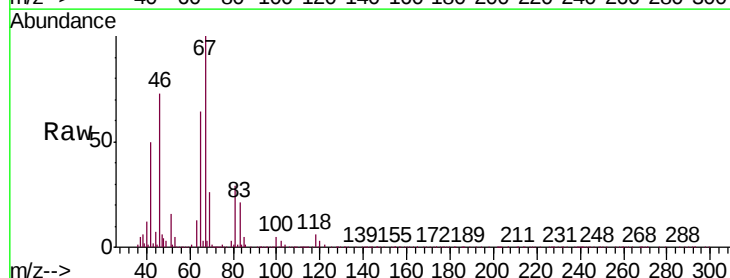
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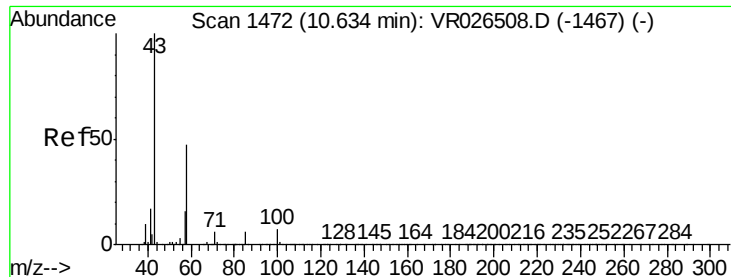
Tgt Ion: 83 Resp: 49959
Ion Ratio Lower Upper
83 100
55 1.3 73.8 110.6#
98 2.8 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026512.D
Acq: 8 Apr 2019 17:20

Tgt Ion: 63 Resp: 28325
Ion Ratio Lower Upper
63 100
112 1.3 2.8 4.2#





#48

2-Hexanone

Concen: 3.315 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026512.D

Acq: 8 Apr 2019 17:20

Instrument :

MSVOA_R

ClientSampleId :

VHBLK02

Tgt Ion: 43 Resp: 30732

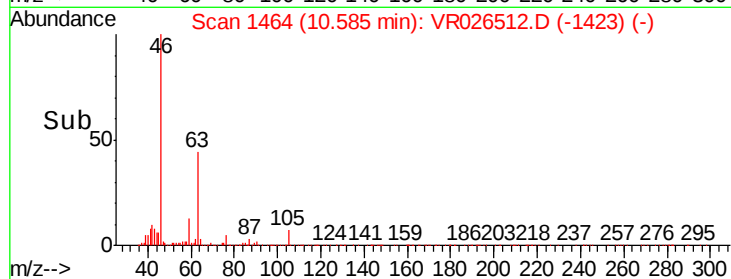
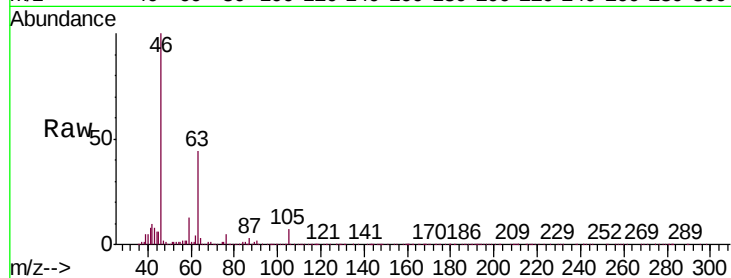
Ion Ratio Lower Upper

43 100

58 23.6 38.2 57.2#

57 28.4 13.8 20.6#

100 6.0 6.2 9.2#



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

