

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101818\
 Data File : VR026130.D
 Acq On : 18 Oct 2018 12:54
 Operator : SY/MD
 Sample : J5464-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JD9

Quant Time: Oct 19 04:42:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 04:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	638139	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	523815	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	161814	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	230006	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	2.62	69	199316	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	3.61	63	401763	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	6.59	46	172295	37.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.16%
24) Chloroform-d	7.20	84	308948	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.60%#
26) 1,2-Dichloroethane-d4	7.90	65	133543	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
32) Benzene-d6	7.85	84	630941	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.00%
36) 1,2-Dichloropropane-d6	8.90	67	169457	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	9.97	98	578508	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloropropene-	10.24	79	37609	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	10.59	63	128032	38.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.80%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63381	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	99375	3.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.80%#

Target Compounds

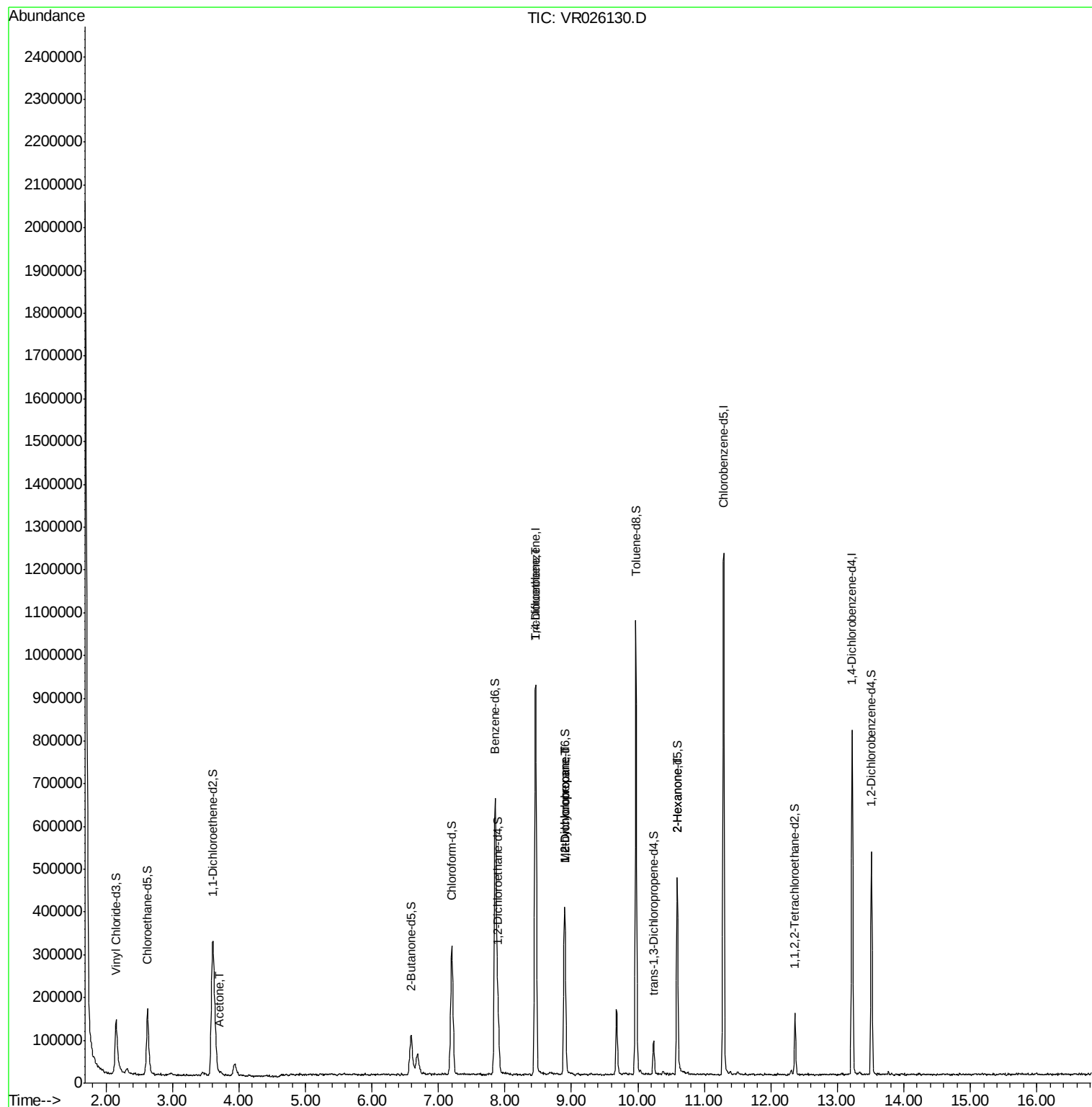
					Qvalue
13) Acetone	3.70	43	8357	1.763 ug/L	84
34) Trichloroethene	8.46	95	20478	0.407 ug/L #	11
35) Methylcyclohexane	8.90	83	40019	0.534 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	21664	0.522 ug/L #	93
48) 2-Hexanone	10.59	43	21187	2.562 ug/L #	75

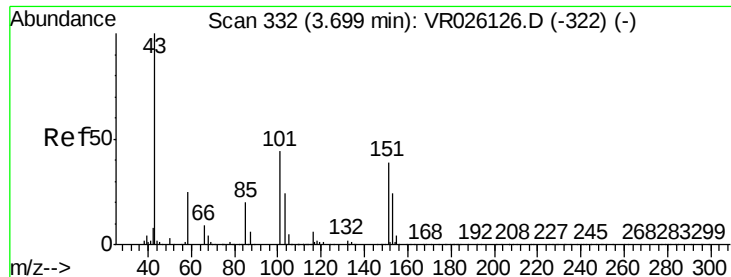
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 19 04:39:21 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.763 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

Lab File: VR026130.D

Acq: 18 Oct 2018 12:54

Instrument :

MSVOA_R

ClientSampleId :

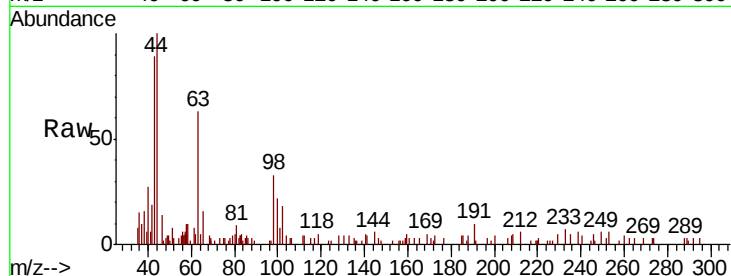
C0JD9

Tgt Ion: 43 Resp: 8357

Ion Ratio Lower Upper

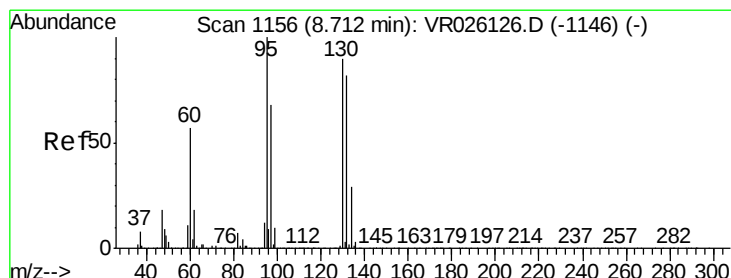
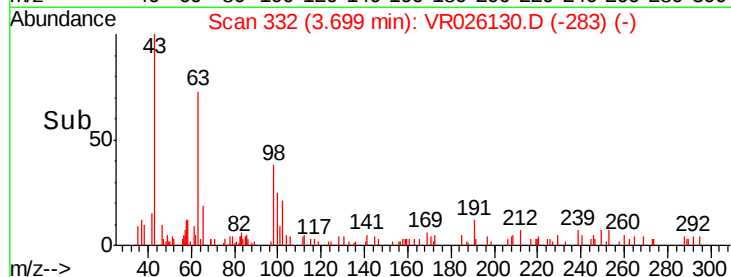
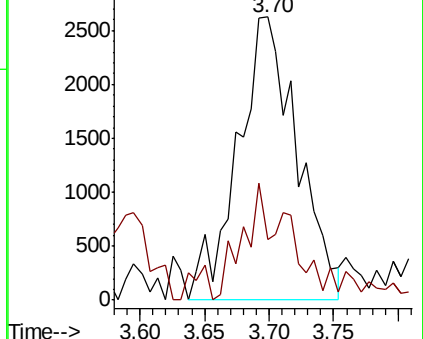
43 100

58 19.1 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.407 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

Lab File: VR026130.D

Acq: 18 Oct 2018 12:54

Tgt Ion: 95 Resp: 20478

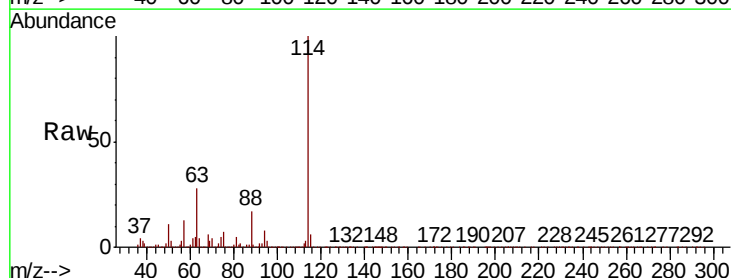
Ion Ratio Lower Upper

95 100

97 1.2 45.7 84.9#

132 2.4 58.3 108.3#

130 1.9 64.0 119.0#

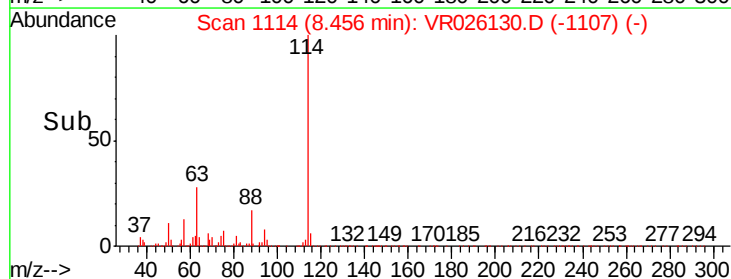
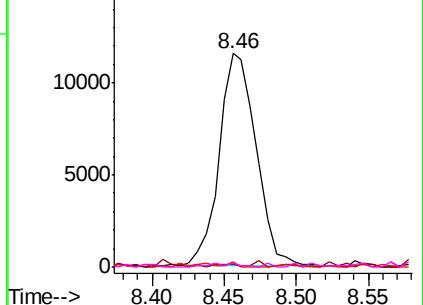


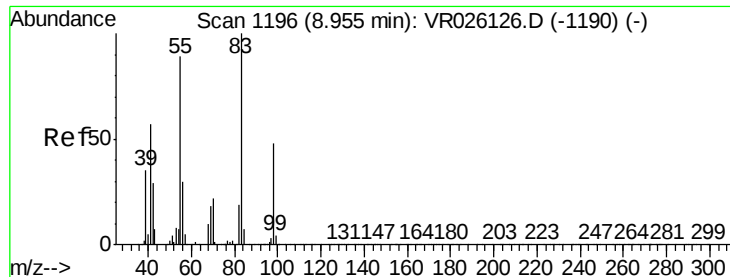
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

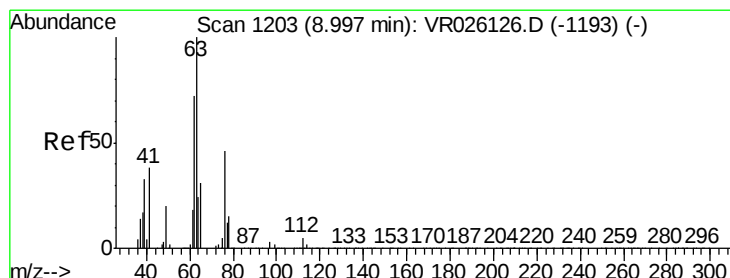
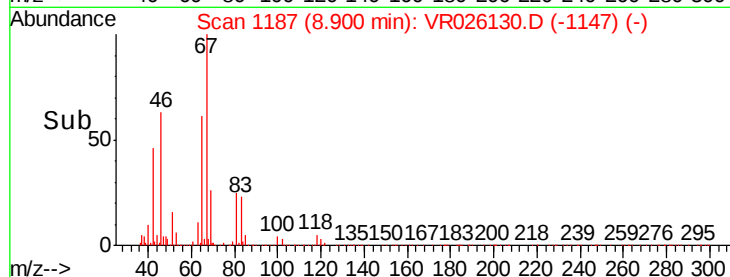
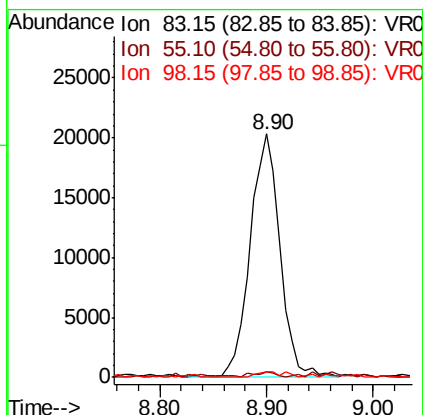
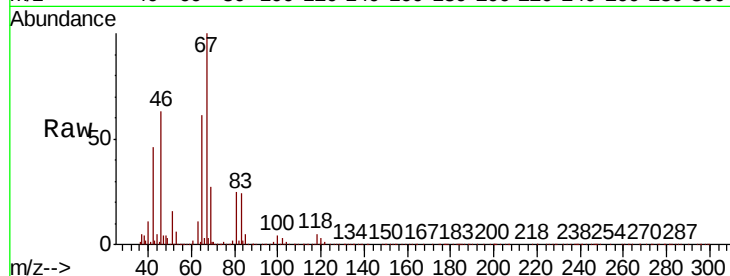




#35
Methylcyclohexane
Concen: 0.534 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026130.D
Acq: 18 Oct 2018 12:54

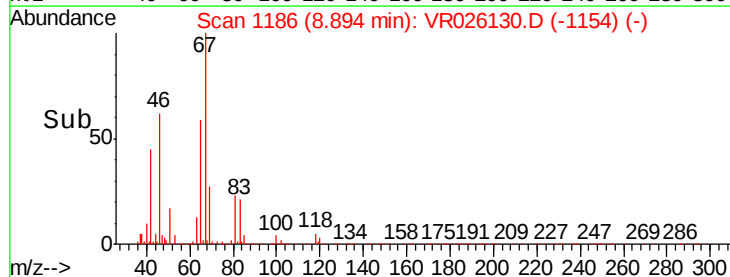
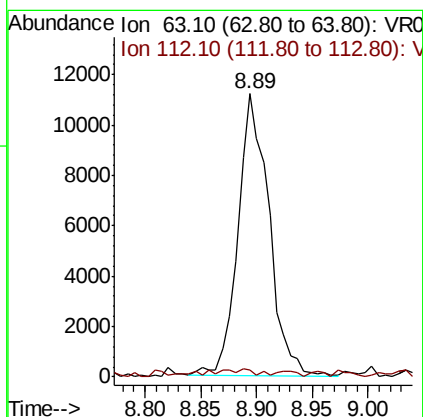
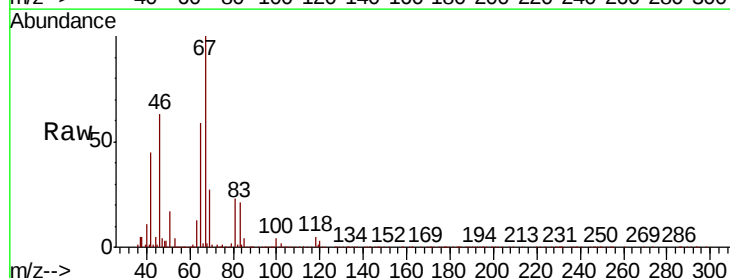
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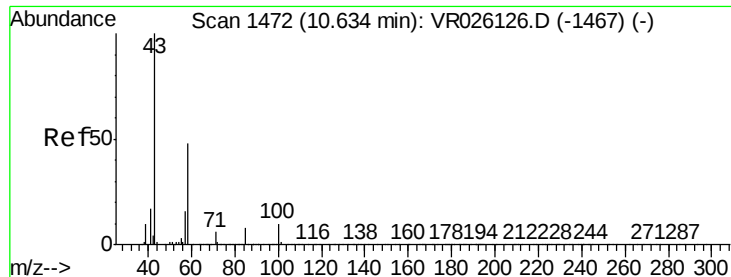
Tgt Ion: 83 Resp: 40019
Ion Ratio Lower Upper
83 100
55 1.6 66.8 100.2#
98 2.3 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.522 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026130.D
Acq: 18 Oct 2018 12:54

Tgt Ion: 63 Resp: 21664
Ion Ratio Lower Upper
63 100
112 1.3 2.7 4.1#





#48

2-Hexanone

Concen: 2.562 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026130.D

Acq: 18 Oct 2018 12:54

Instrument :

MSVOA_R

ClientSampleId :

C0JD9

Tgt Ion: 43 Resp: 21187

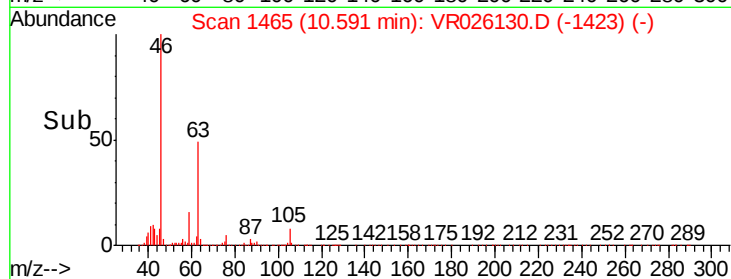
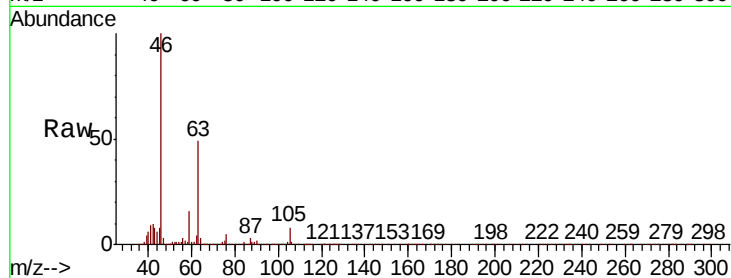
Ion Ratio Lower Upper

43 100

58 31.9 39.6 59.4#

57 31.0 14.0 21.0#

100 4.4 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

