

Data File : VR026495.D
Acq On : 7 Apr 2019 14:23
Operator : SY/MD
Sample : K2282-11
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZ09

Quant Time: Apr 08 03:02:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	518863	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	426837	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	123595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	144637	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	2.62	69	136113	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	3.60	63	282228	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	6.59	46	150932	42.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.88%
24) Chloroform-d	7.20	84	310093	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	7.89	65	133243	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	7.85	84	538038	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	8.90	67	149924	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	9.97	98	459842	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	10.23	79	25693	2.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.80%#
46) 2-Hexanone-d5	10.59	63	123869	49.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58199	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	96920	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

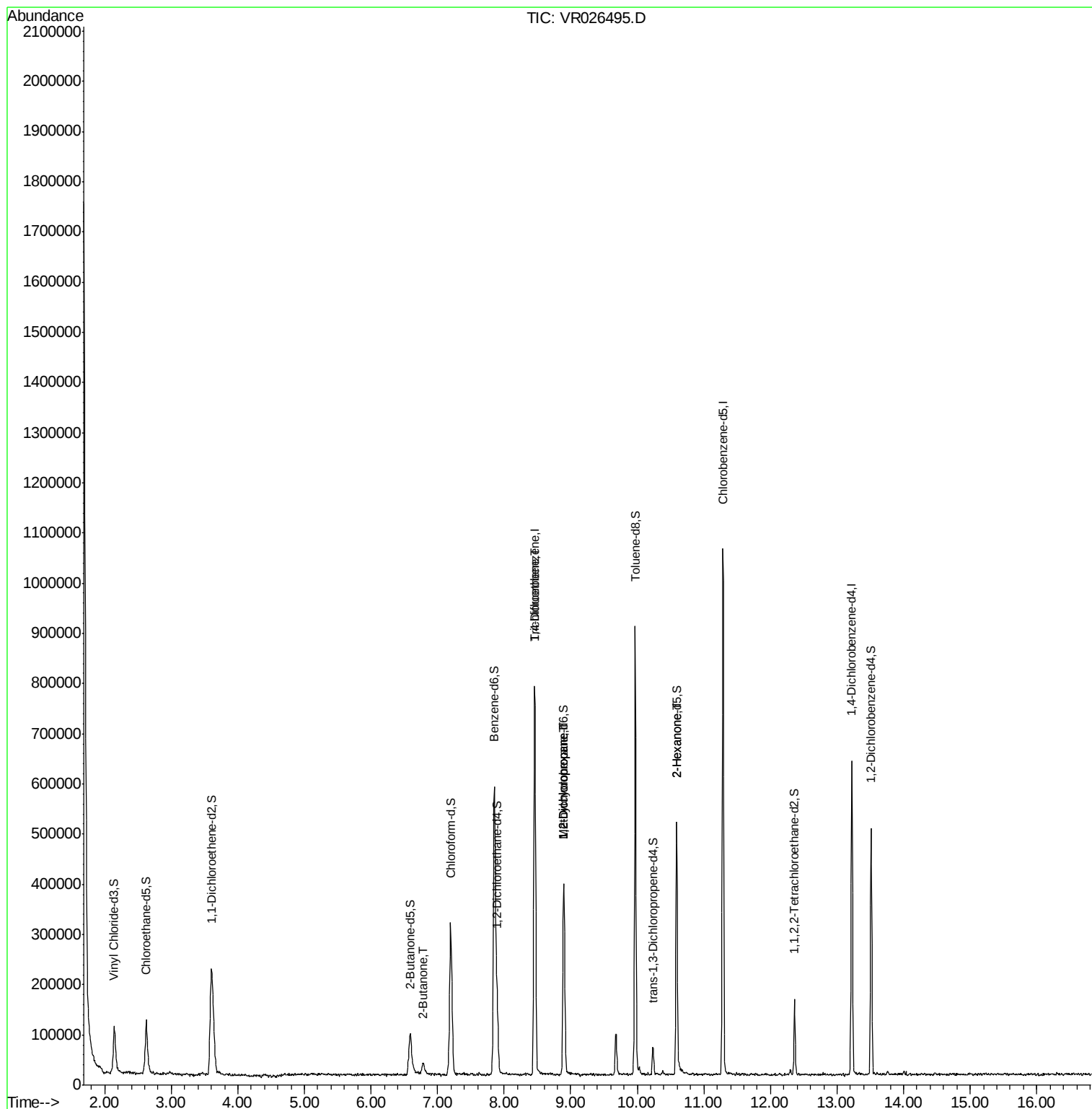
					Qvalue	
21) 2-Butanone	6.78	43	37857	8.290	ug/L #	54
34) Trichloroethene	8.46	95	18132	0.406	ug/L #	13
35) Methylcyclohexane	8.89	83	38694	0.607	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	21385	0.585	ug/L #	92
48) 2-Hexanone	10.59	43	22156	3.110	ug/L #	79

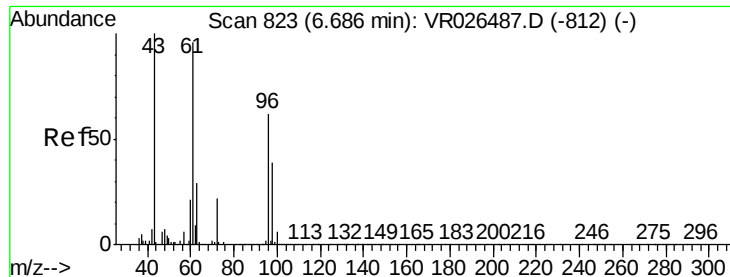
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 8.290 ug/L

RT: 6.78 min Scan# 839

Delta R.T. 0.10 min

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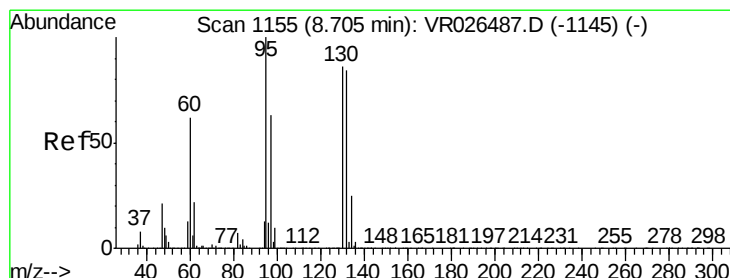
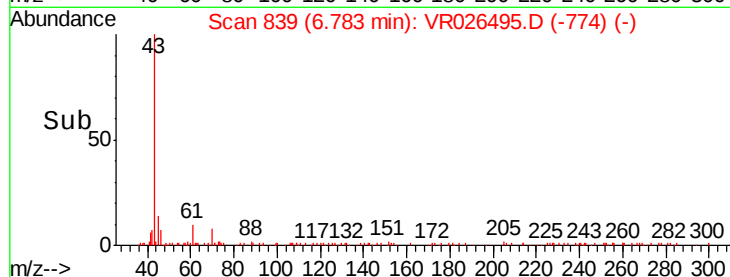
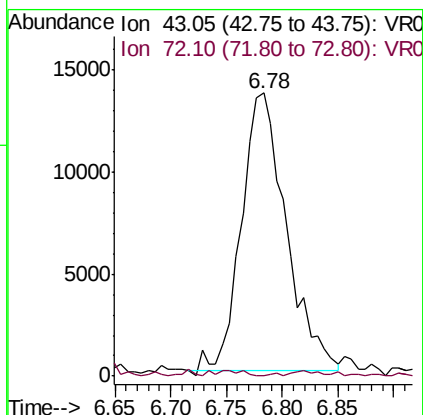
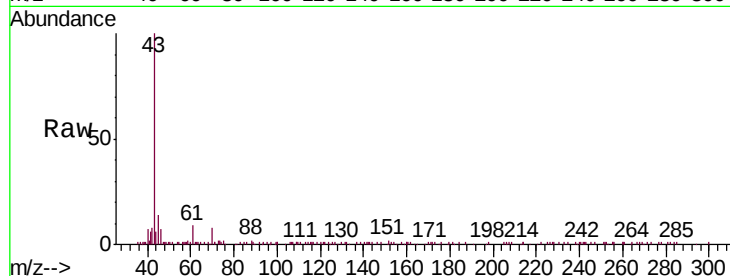
BEZ09

Tgt Ion: 43 Resp: 37857

Ion Ratio Lower Upper

43 100

72 0.2 11.1 33.3#



#34

Trichloroethene

Concen: 0.406 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

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Tgt Ion: 95 Resp: 18132

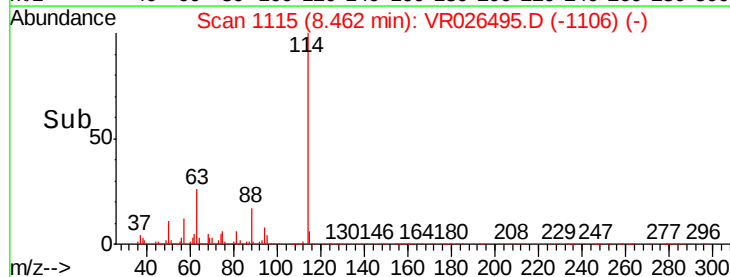
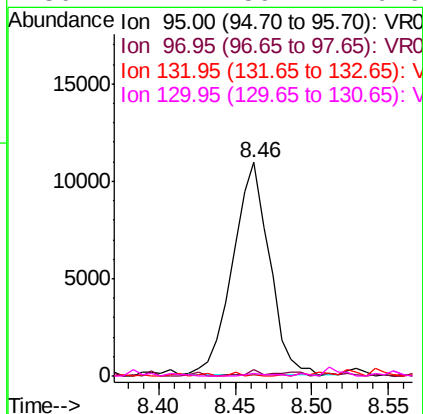
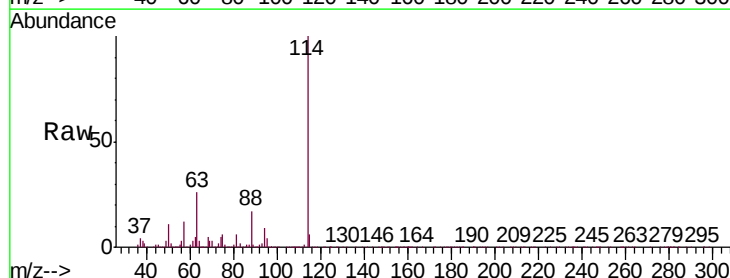
Ion Ratio Lower Upper

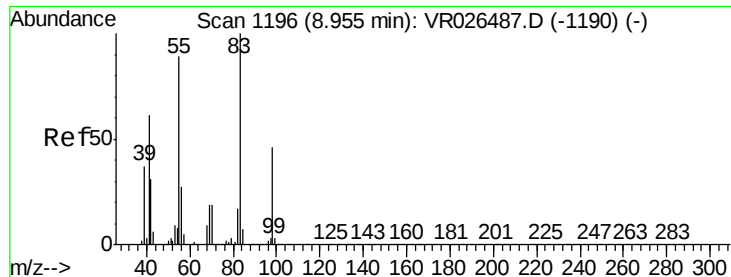
95 100

97 3.2 43.8 81.3#

132 0.8 57.2 106.2#

130 1.2 59.7 110.9#





#35

Methylcyclohexane

Concen: 0.607 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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MSVOA_R

ClientSampleId :

BEZ09

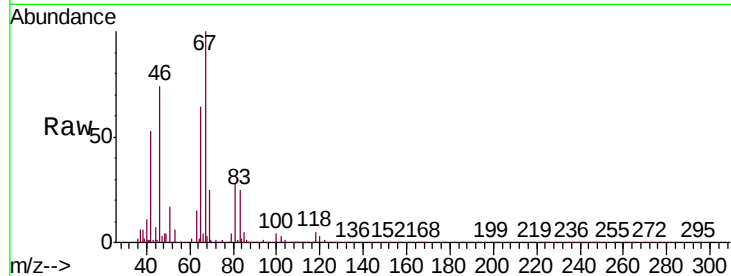
Tgt Ion: 83 Resp: 38694

Ion Ratio Lower Upper

83 100

55 0.7 73.8 110.6#

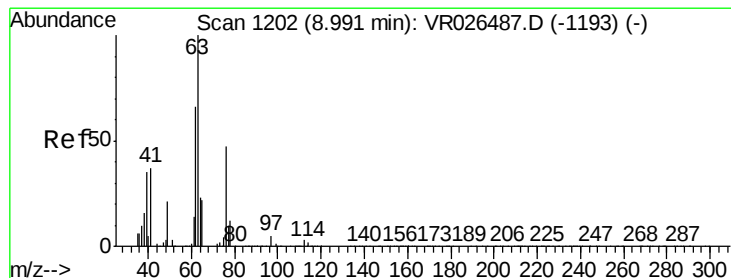
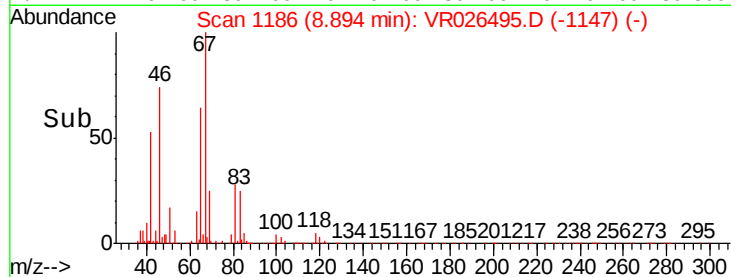
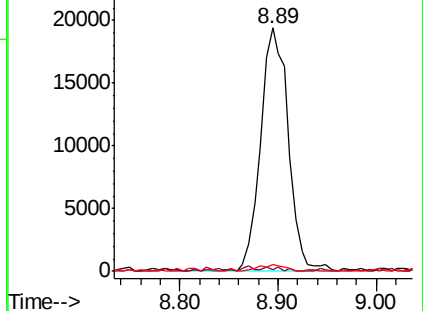
98 2.7 34.6 51.8#



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: 0.585 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

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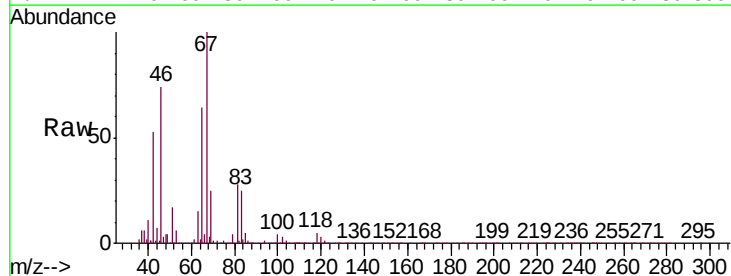
Acq: 7 Apr 2019 14:23

Tgt Ion: 63 Resp: 21385

Ion Ratio Lower Upper

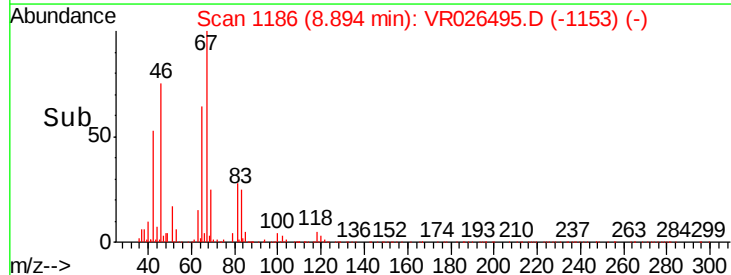
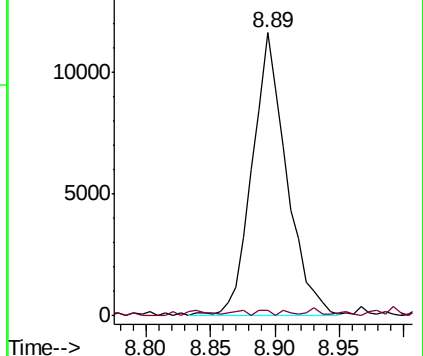
63 100

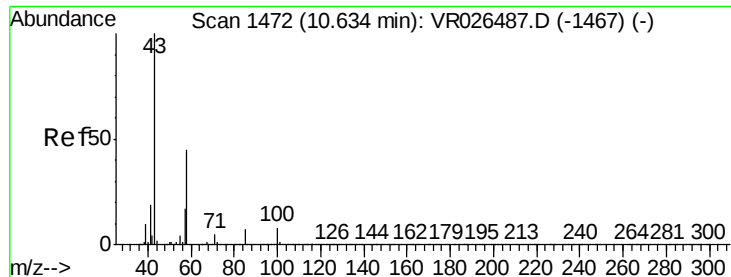
112 0.8 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.110 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Instrument :

MSVOA_R

ClientSampleId :

BEZ09

Tgt Ion: 43 Resp: 22156

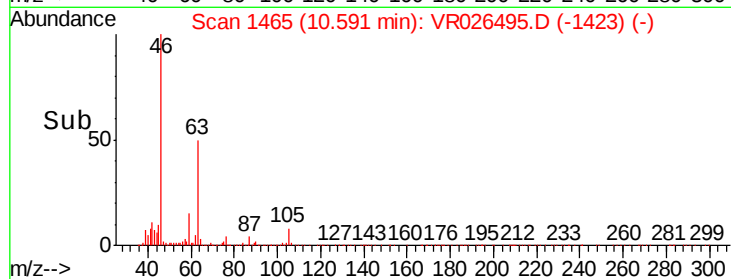
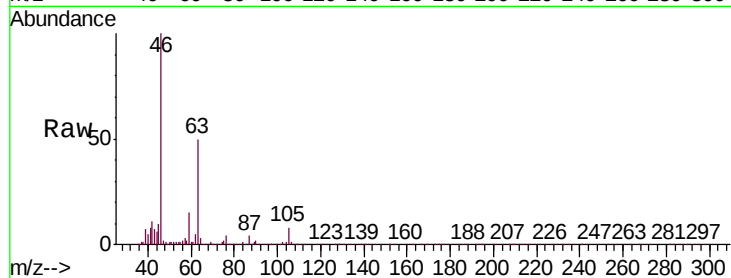
Ion Ratio Lower Upper

43 100

58 34.8 38.2 57.2#

57 32.5 13.8 20.6#

100 6.9 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

