

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092618\
 Data File : VR025866.D
 Acq On : 26 Sep 2018 17:37
 Operator : SY/MD
 Sample : J5011-11DL2 100X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BE9G1DL2

Quant Time: Sep 27 08:27:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 27 07:50:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	355060	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	290927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	92200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	96969	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	2.63	69	88747	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	3.63	63	186701	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	6.59	46	197478	58.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.54%
24) Chloroform-d	7.20	84	222649	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	7.90	65	105031	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	7.85	84	434661	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	8.90	67	133134	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	9.97	98	364486	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	10.24	79	26255	3.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.40%
46) 2-Hexanone-d5	10.59	63	143684	52.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.56%
57) 1,1,1,2,2-Tetrachloroethane-	12.36	84	53136	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	67763	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

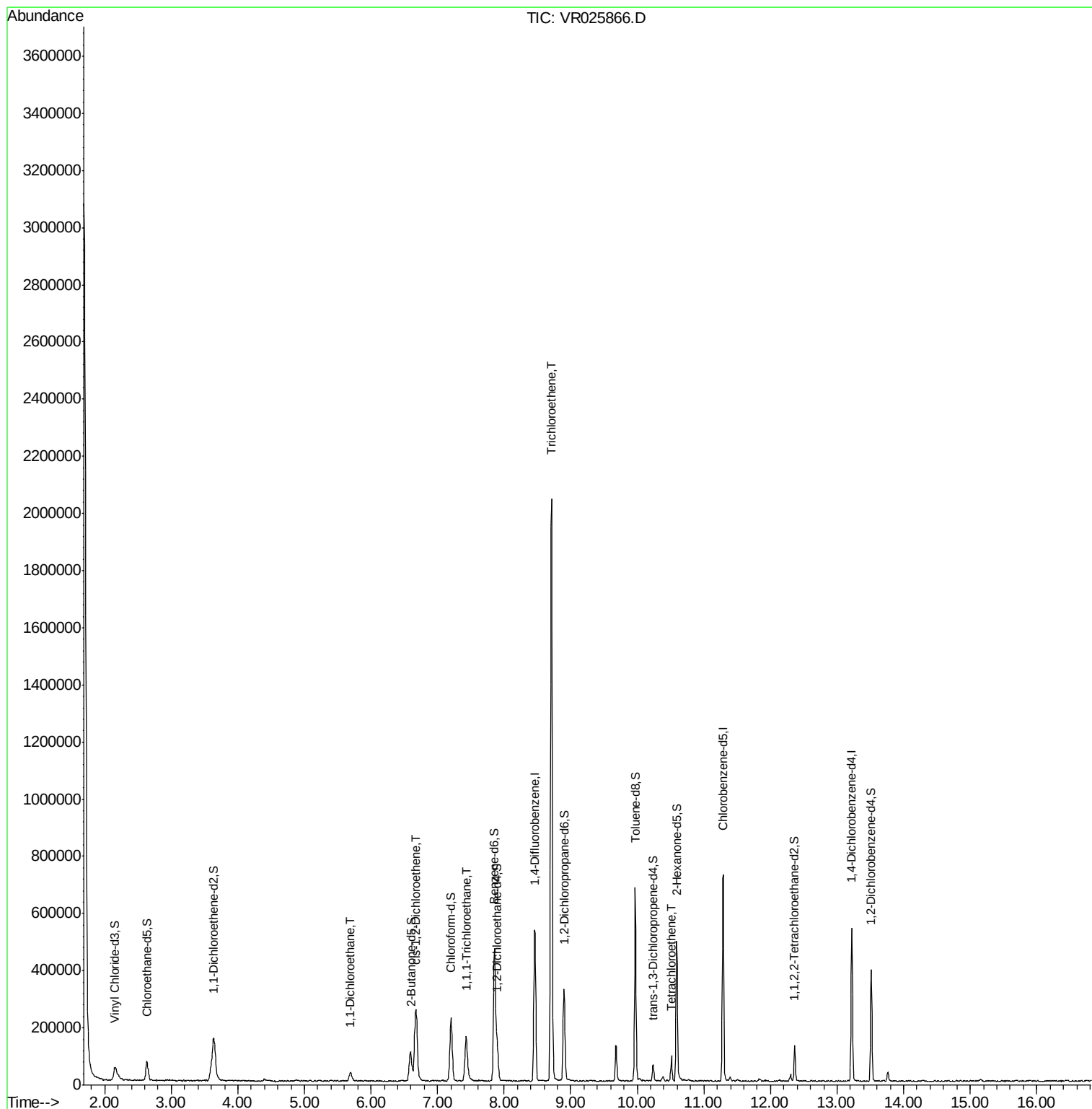
					Ovalue
19) 1,1-Dichloroethane	5.69	63	42526	0.600 ug/L	94
22) cis-1,2-Dichloroethene	6.67	96	130686	3.744 ug/L #	97
29) 1,1,1-Trichloroethane	7.43	97	128182	2.181 ug/L	95
34) Trichloroethene	8.71	95	662864	16.353 ug/L	97
47) Tetrachloroethene	10.51	164	12512	0.540 ug/L	96

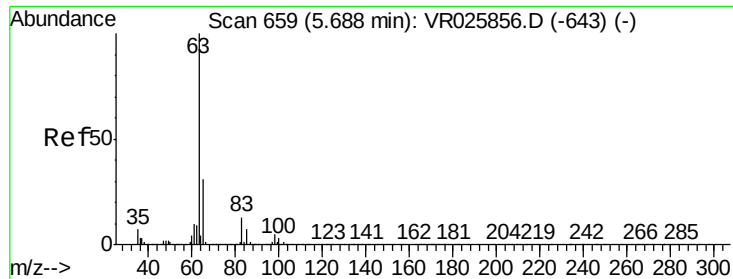
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 27 07:50:08 2018
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.600 ug/L

RT: 5.69 min Scan# 659

Delta R.T. 0.00 min

Lab File: VR025866.D

Acq: 26 Sep 2018 17:37

Instrument :

MSVOA_R

ClientSampleId :

BE9G1DL2

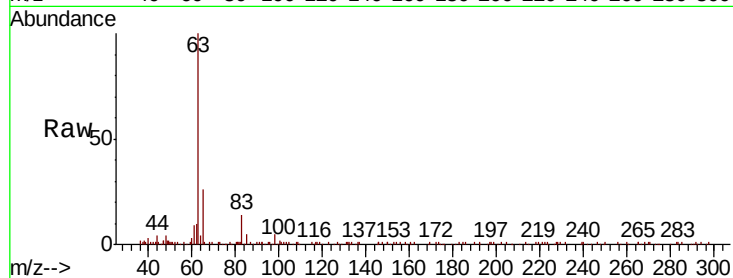
Tot Ion: 63 Resp: 42526

Ion Ratio Lower Upper

63 100

65 26.3 21.1 39.1

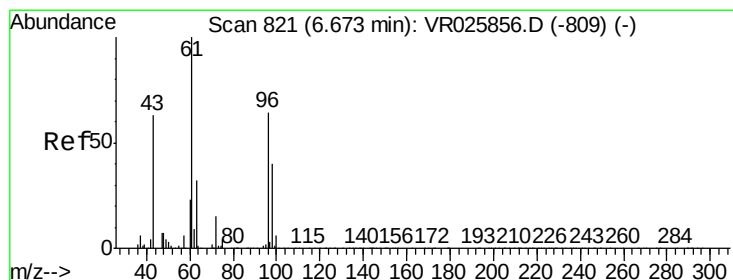
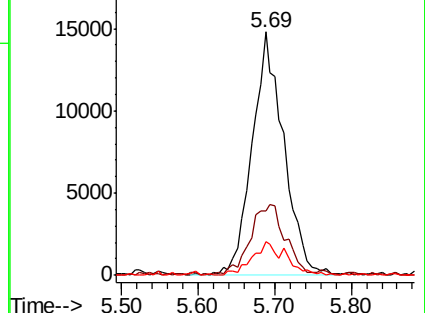
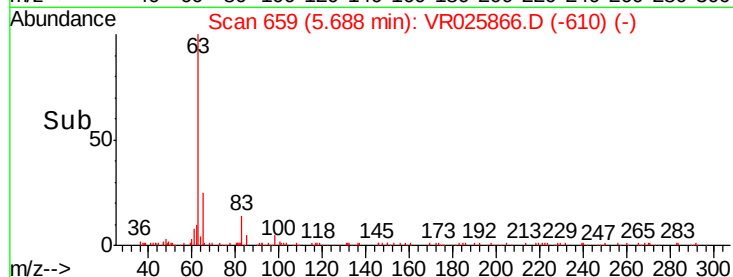
83 13.6 8.9 16.5



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 3.744 ug/L

RT: 6.67 min Scan# 821

Delta R.T. 0.00 min

Lab File: VR025866.D

Acq: 26 Sep 2018 17:37

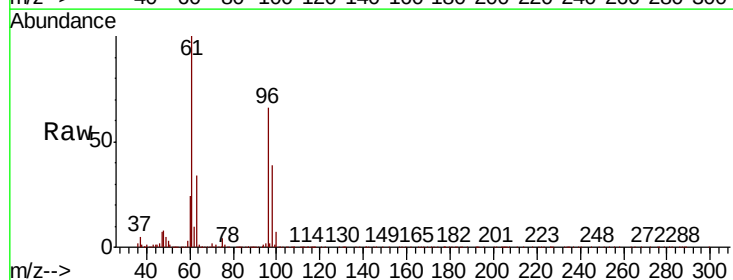
Tgt Ion: 96 Resp: 130686

Ion Ratio Lower Upper

96 100

61 151.8 108.7 201.9

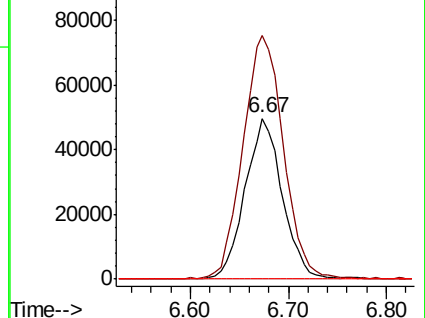
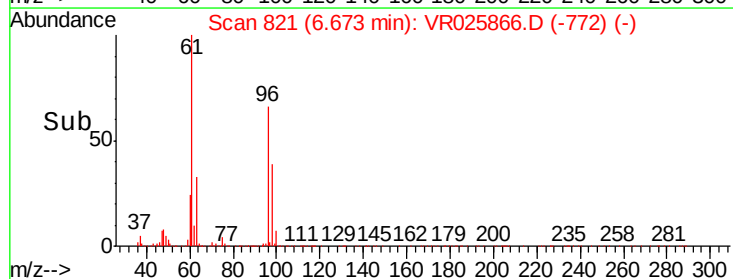
68 0.3 0.1 0.1#

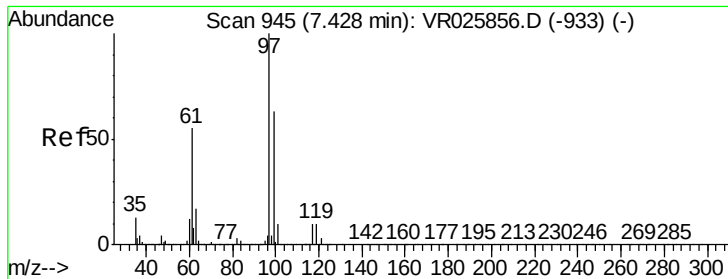


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

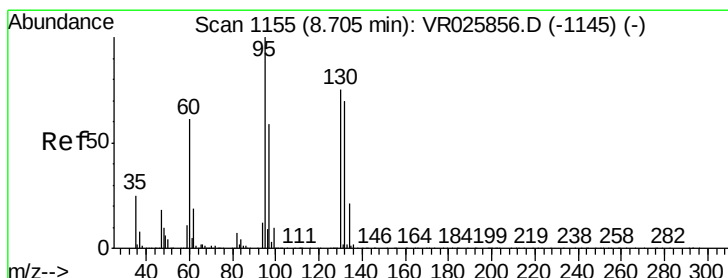
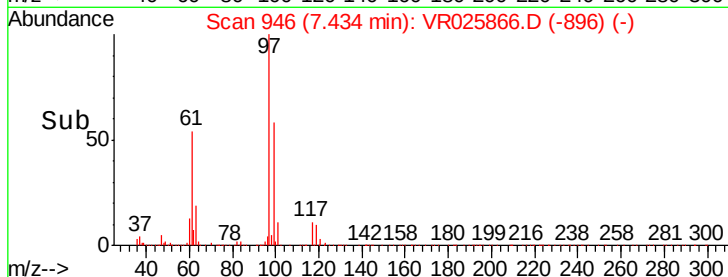
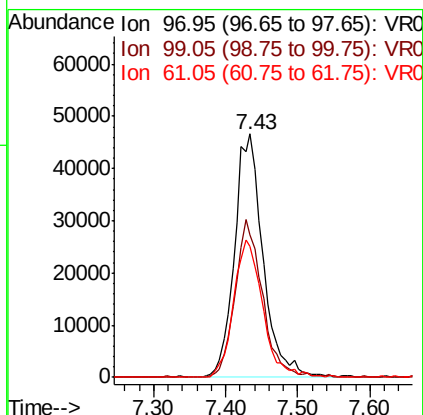
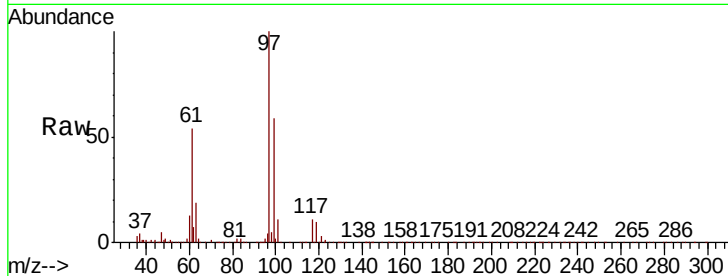




#29
1,1,1-Trichloroethane
Concen: 2.181 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.01 min
Lab File: VR025866.D
Acq: 26 Sep 2018 17:37

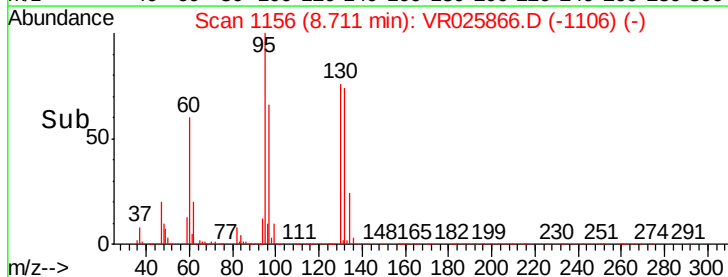
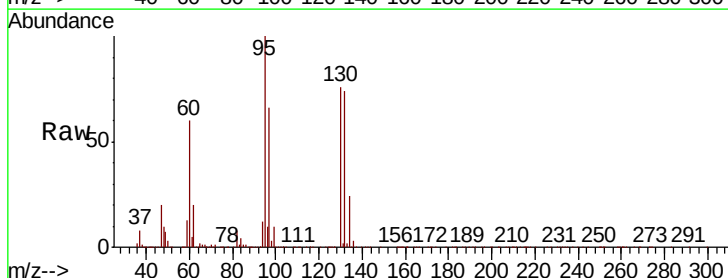
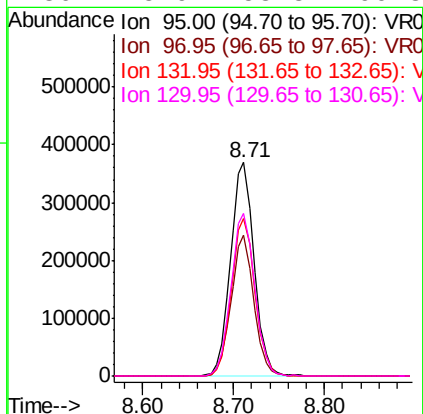
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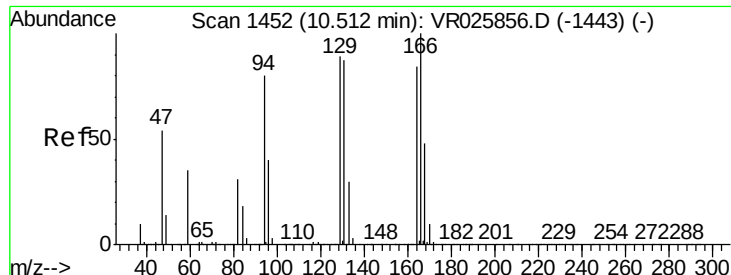
Tot Ion: 97 Resp: 128182
Ion Ratio Lower Upper
97 100
99 62.1 51.0 76.6
61 57.6 41.6 62.4



#34
Trichloroethene
Concen: 16.353 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VR025866.D
Acq: 26 Sep 2018 17:37

Tgt Ion: 95 Resp: 662864
Ion Ratio Lower Upper
95 100
97 66.2 43.9 81.5
132 73.5 53.3 98.9
130 75.9 53.8 99.8





#47

Tetrachloroethene

Concen: 0.540 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR025866.D

Acq: 26 Sep 2018 17:37

Instrument :

MSVOA_R

ClientSampleId :

BE9G1DL2

Tot Ion:164 Resp: 12512

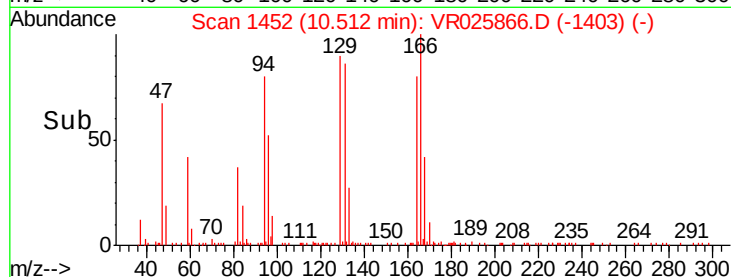
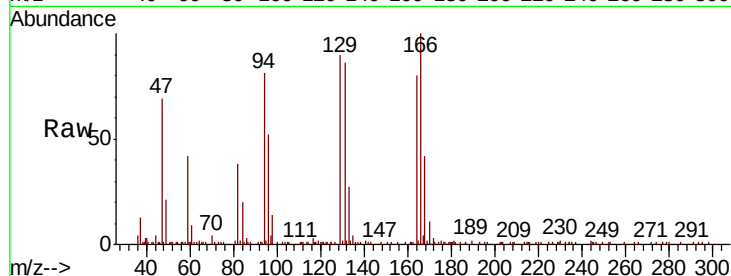
Ion Ratio Lower Upper

164 100

129 112.3 80.8 150.2

131 107.7 74.5 138.3

166 124.6 92.5 171.7



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

