

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061019\
 Data File : VV011395.D
 Acq On : 11 Jun 2019 15:27
 Operator : SY/MD
 Sample : K3226-03DL 50X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN9DL

Quant Time: Jun 12 04:04:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 12 02:48:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	149580	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	133138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51906	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35241	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.57	69	34666	3.68	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.60%
11) 1,1-Dichloroethene-d2	2.12	63	61001	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	3.96	46	128114	50.21	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.40	84	84045	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	48882	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.09	84	160688	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.12	67	51827	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.36	98	135348	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.66	79	14488	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	8.14	63	92574	46.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36858	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	43303	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

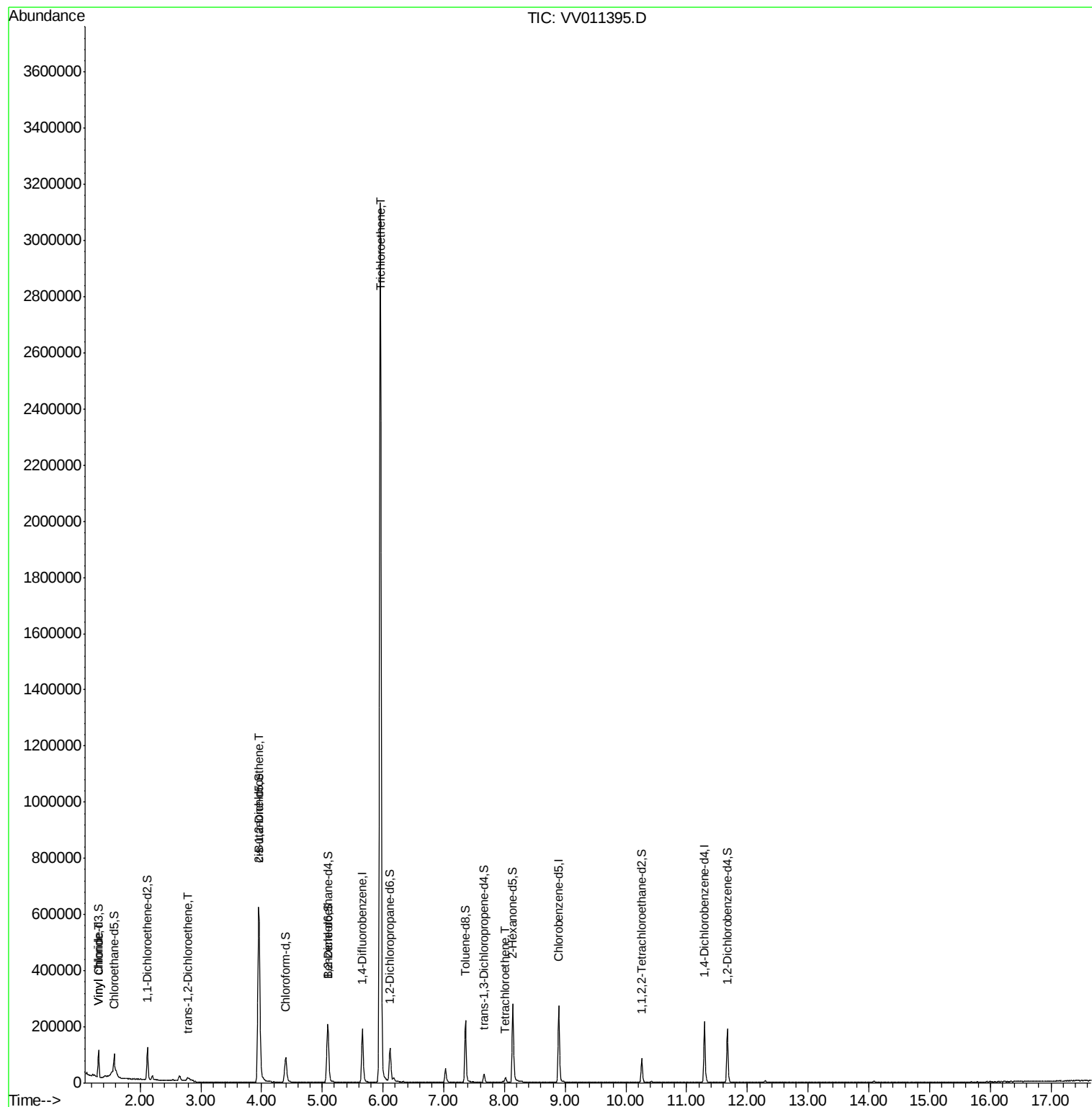
					Ovalue
5) Vinyl chloride	1.32	62	25326	1.840	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	2531	0.240	ug/L 79
22) cis-1,2-Dichloroethene	3.96	96	284661	24.360	ug/L # 98
34) Trichloroethene	5.96	95	1039699	94.998	ug/L 97
47) Tetrachloroethene	8.02	164	3200	0.405	ug/L 90

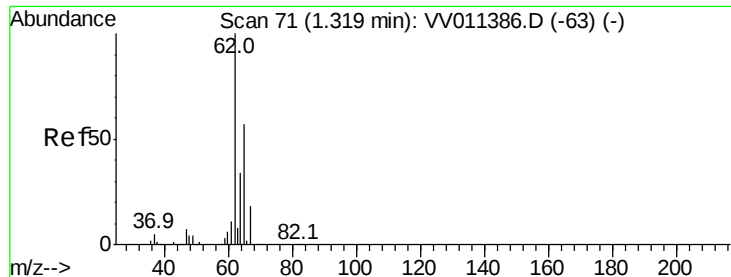
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.840 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

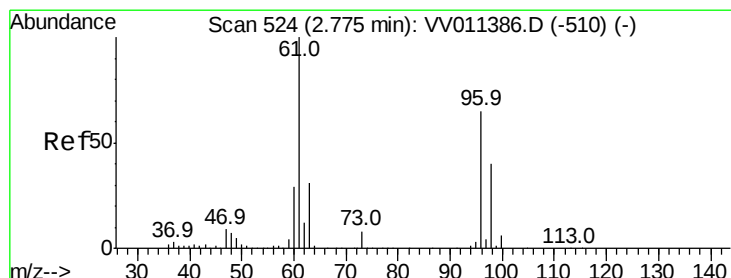
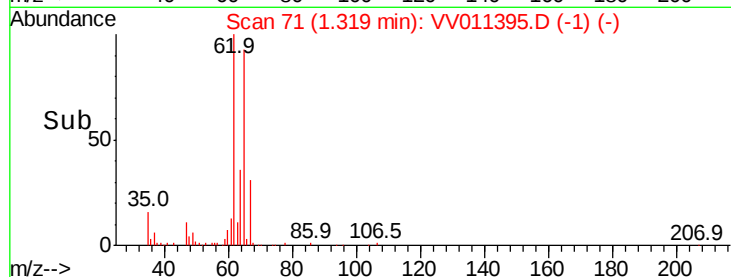
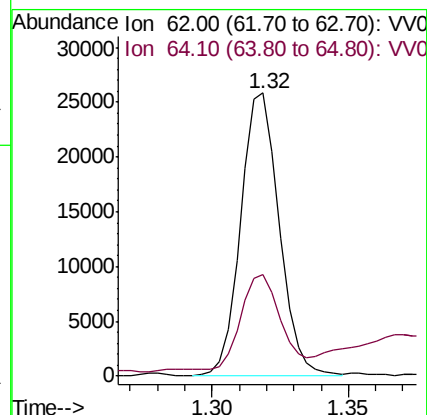
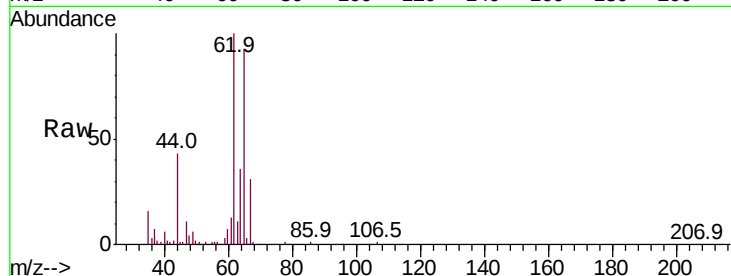
BFCN9DL

Tot Ion: 62 Resp: 25326

Ion Ratio Lower Upper

62 100

64 35.7 25.9 48.1



#18

trans-1,2-Dichloroethene

Concen: 0.240 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

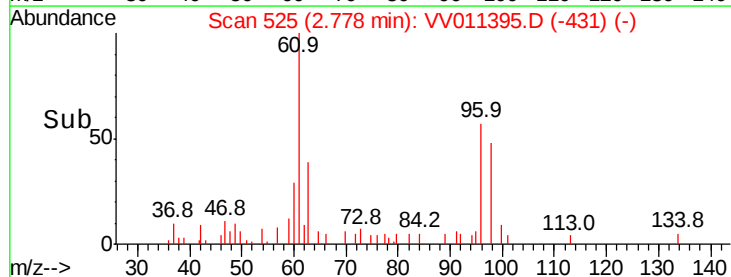
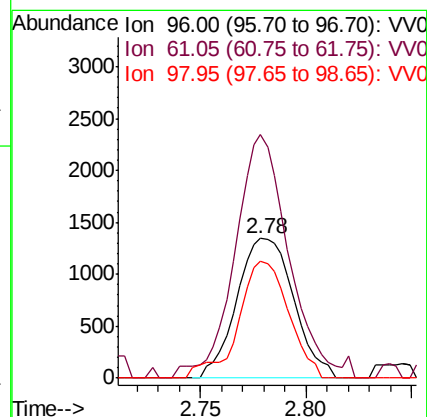
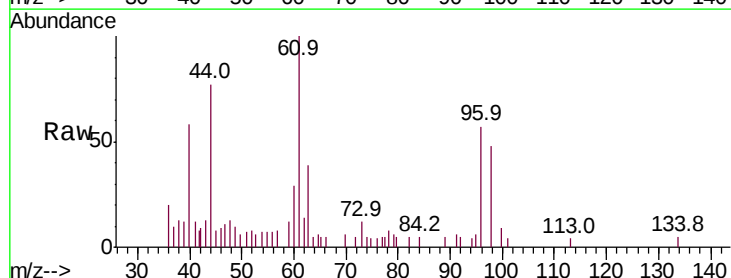
Tgt Ion: 96 Resp: 2531

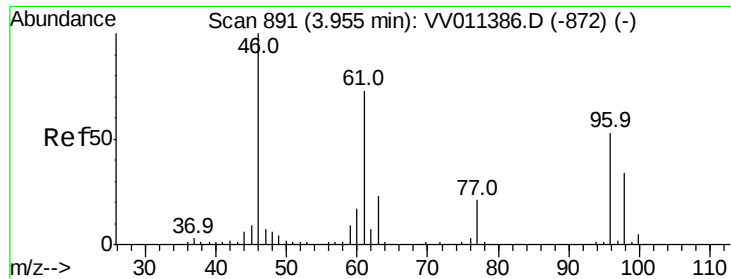
Ion Ratio Lower Upper

96 100

61 174.6 104.0 193.2

98 83.5 45.7 84.9



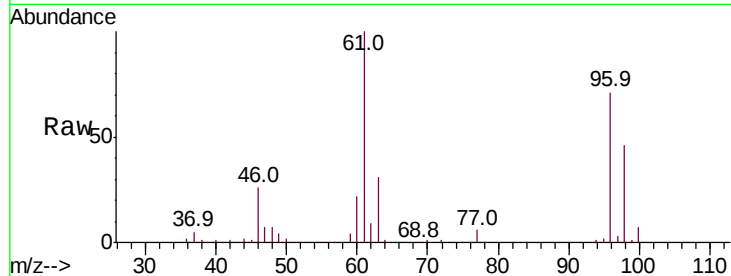


#22

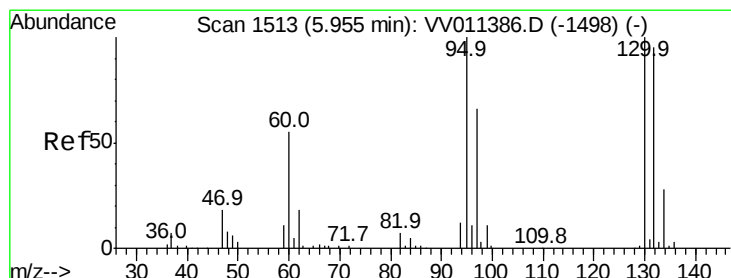
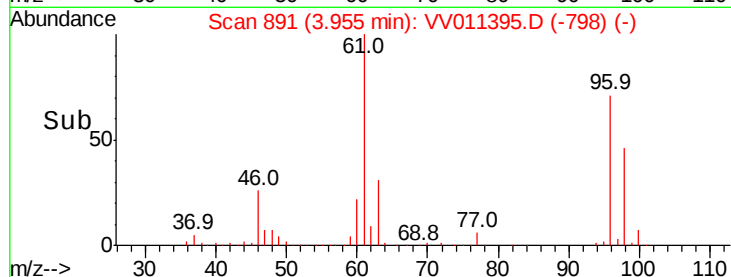
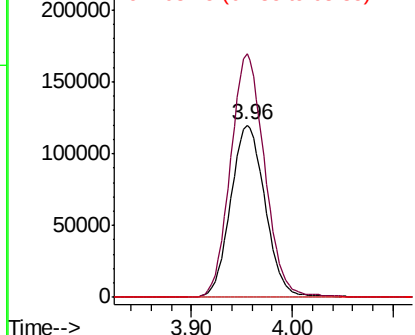
cis-1,2-Dichloroethene
Concen: 24.360 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011395.D
Acq: 11 Jun 2019 15:27

Instrument :
MSVOA_V
ClientSampleId :
BFCN9DL

Tot Ion: 96 Resp: 284661
Ion Ratio Lower Upper
96 100
61 141.1 100.8 187.2
68 0.1 0.0 0.0#



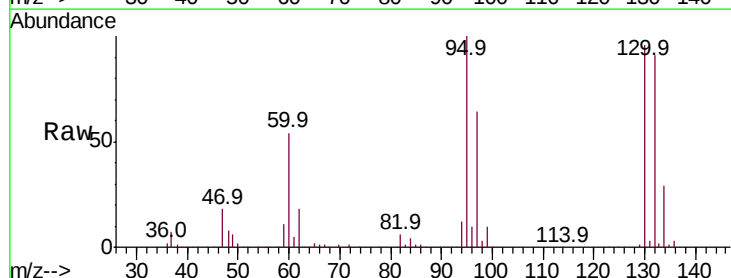
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



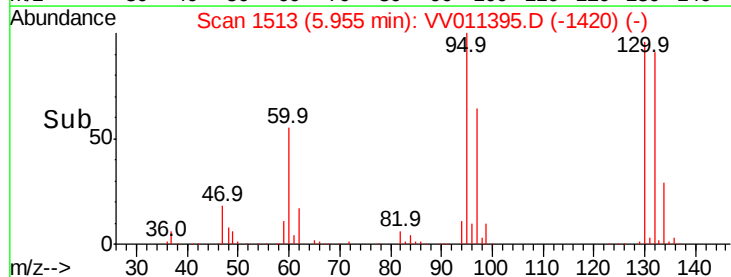
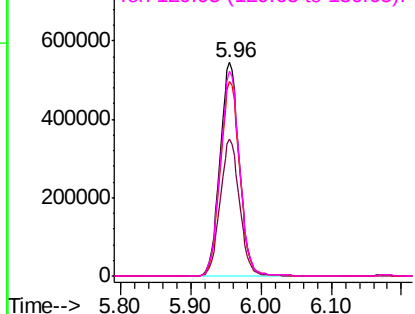
#34

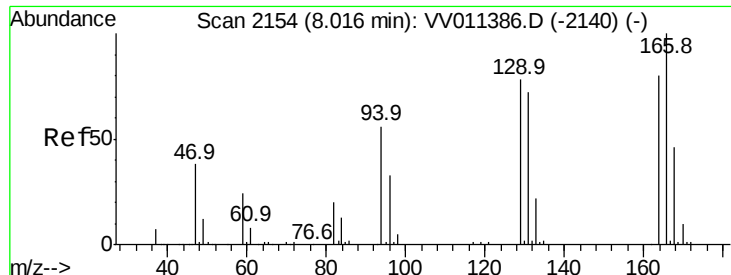
Trichloroethene
Concen: 94.998 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV011395.D
Acq: 11 Jun 2019 15:27

Tgt Ion: 95 Resp: 1039699
Ion Ratio Lower Upper
95 100
97 64.0 45.8 85.2
132 91.0 66.4 123.2
130 95.6 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 0.405 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV011395.D

Acq: 11 Jun 2019 15:27

Instrument :

MSVOA_V

ClientSampleId :

BFCN9DL

Tot Ion:164 Resp: 3200

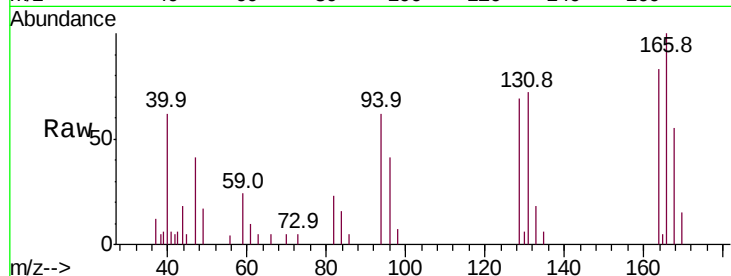
Ion Ratio Lower Upper

164 100

129 83.1 69.9 129.9

131 87.1 66.8 124.2

166 121.0 90.2 167.6



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

