

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\
 Data File : VV012468.D
 Acq On : 30 Aug 2019 21:20
 Operator : SY/MD
 Sample : K4501-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM4

Quant Time: Aug 31 02:22:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 31 01:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213408	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83962	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68086	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.58	69	51756	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	2.13	63	86924	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	3.95	46	165609	42.72	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.44%
24) Chloroform-d	4.40	84	134800	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.08	65	68514	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.10	84	250504	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.12	67	84541	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.36	98	204470	3.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.20%#
43) trans-1,3-Dichloropropene-	7.67	79	27104	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.14	63	124880	43.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57539	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	74977	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

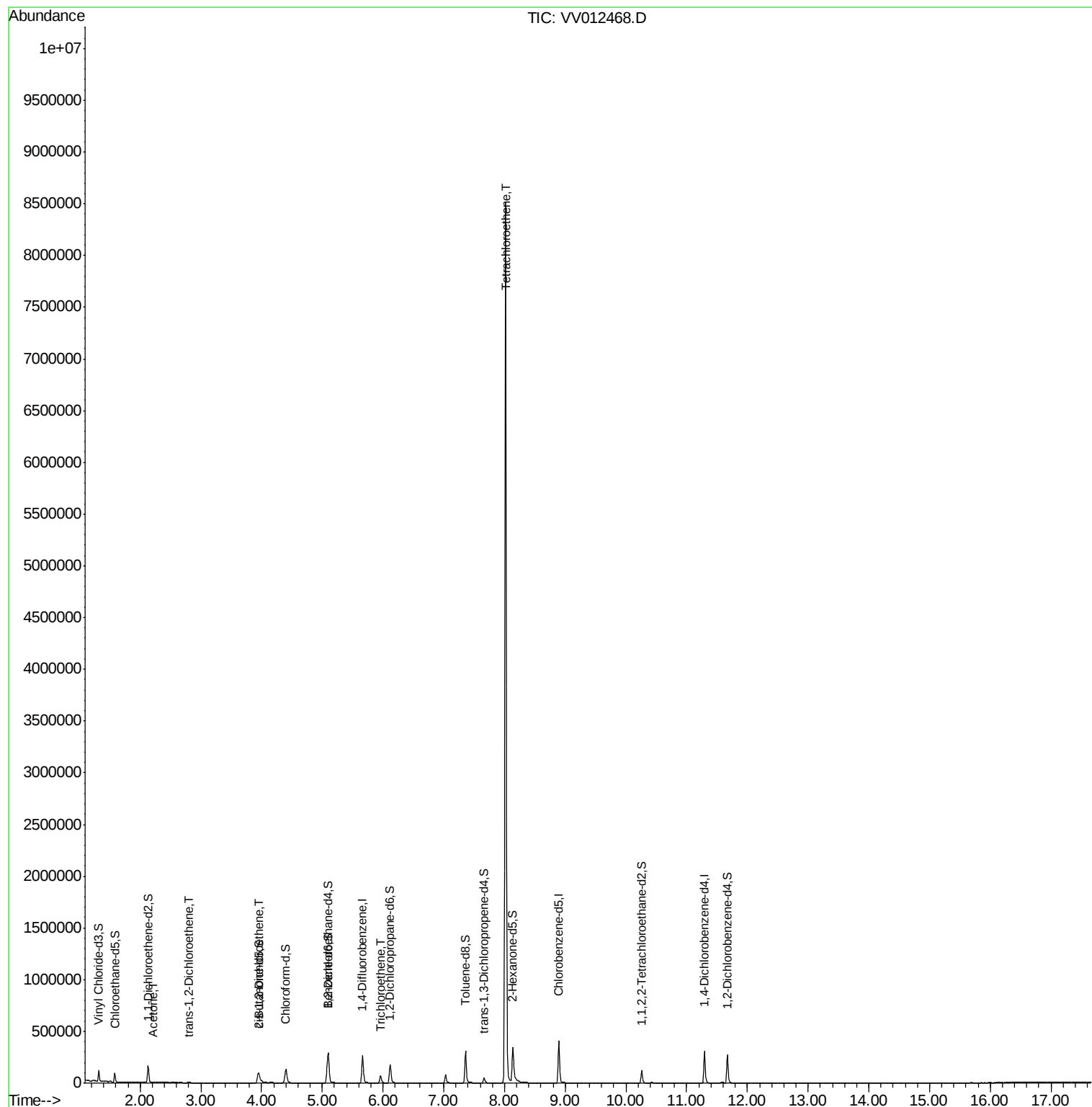
					Qvalue
13) Acetone	2.20	43	4377	1.545 ug/L	80
18) trans-1,2-Dichloroethene	2.79	96	2314	0.112 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	5871	0.271 ug/L	97
34) Trichloroethene	5.96	95	21800	0.942 ug/L	98
47) Tetrachloroethene	8.02	164	1855012	100.127 ug/L	99

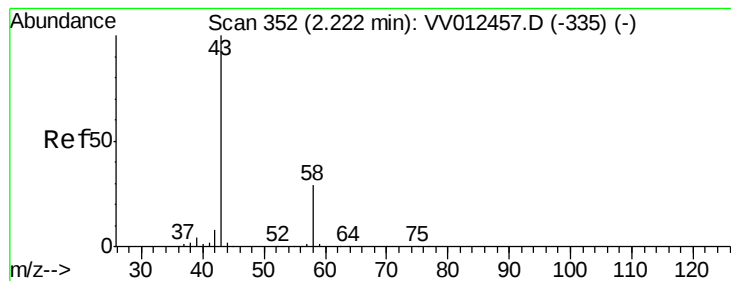
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.545 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.03 min

Lab File: VV012468.D

Acq: 30 Aug 2019 21:20

Instrument :

MSVOA_V

ClientSampled :

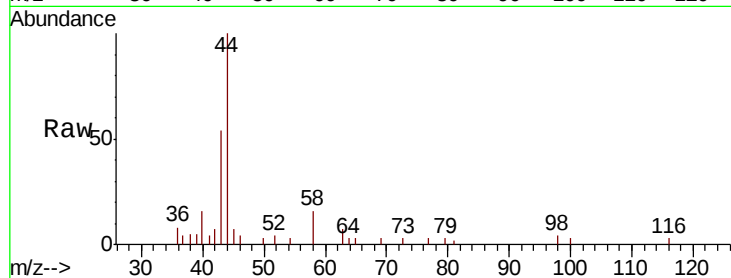
GANM4

Tgt Ion: 43 Resp: 4377

Ion Ratio Lower Upper

43 100

58 38.7 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2500

2000

1500

1000

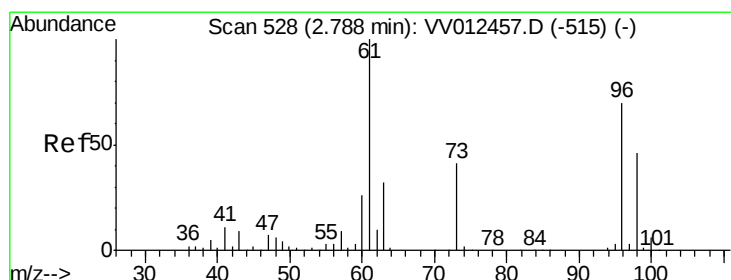
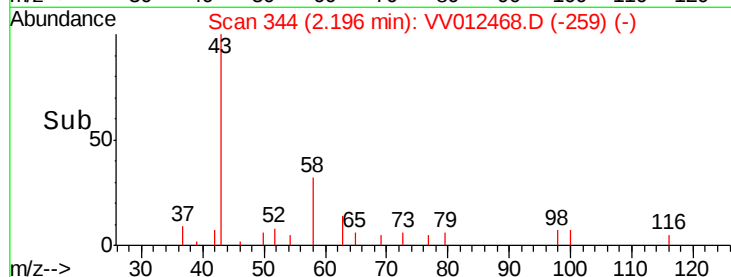
500

0

2.20

2.15 2.20 2.25 2.30

Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.112 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV012468.D

Acq: 30 Aug 2019 21:20

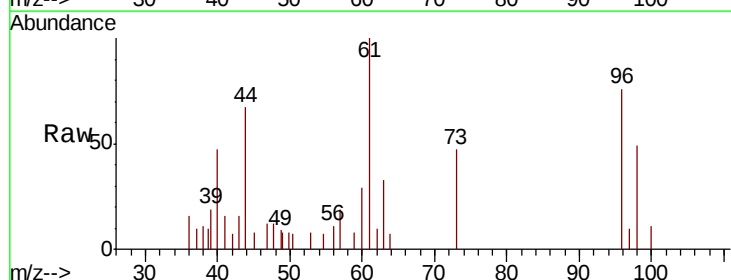
Tgt Ion: 96 Resp: 2314

Ion Ratio Lower Upper

96 100

61 130.9 101.2 188.0

98 64.6 44.1 81.9



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

2000

1500

1000

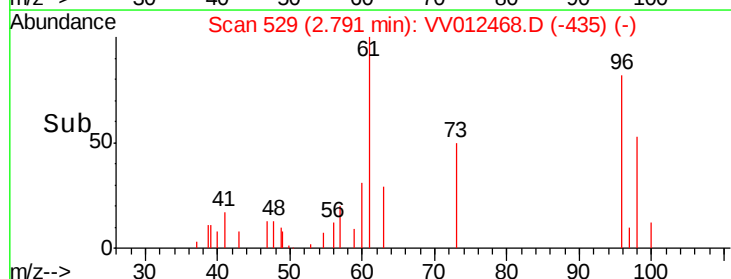
500

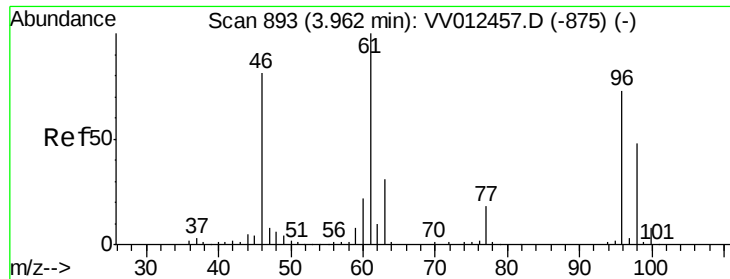
0

2.79

2.75 2.80 2.85

Time-->



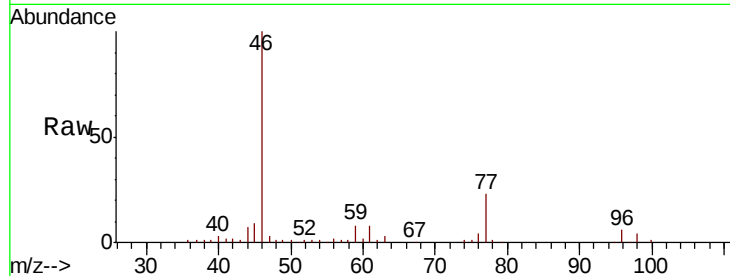


#22

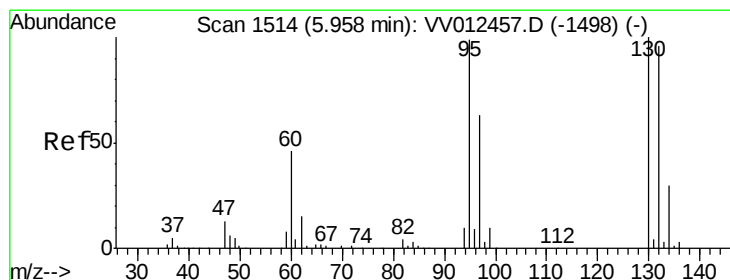
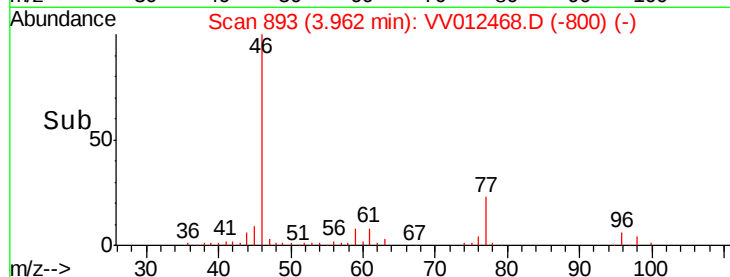
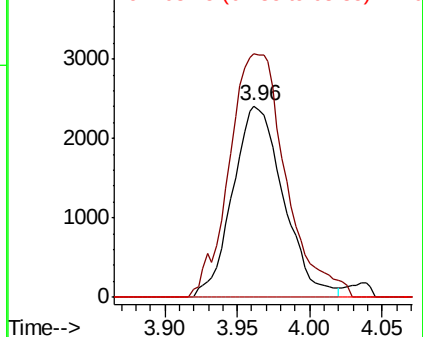
cis-1,2-Dichloroethene
 Concen: 0.271 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV012468.D
 Acq: 30 Aug 2019 21:20

Instrument :
 MSVOA_V
 ClientSampleId :
 GANM4

Tgt Ion: 96 Resp: 5871
 Ion Ratio Lower Upper
 96 100
 61 127.2 91.5 169.9
 68 0.0 0.0 0.0



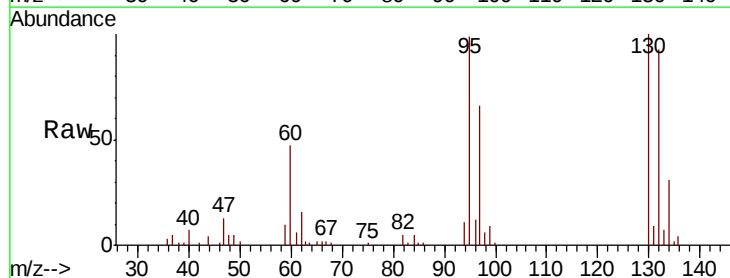
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



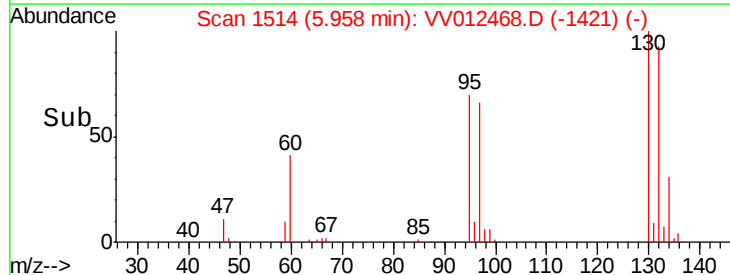
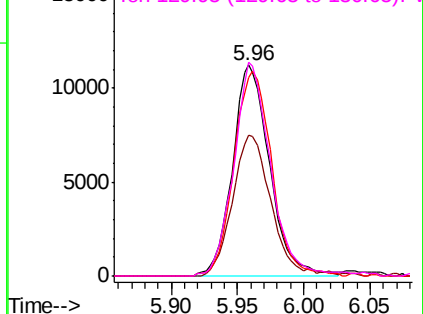
#34

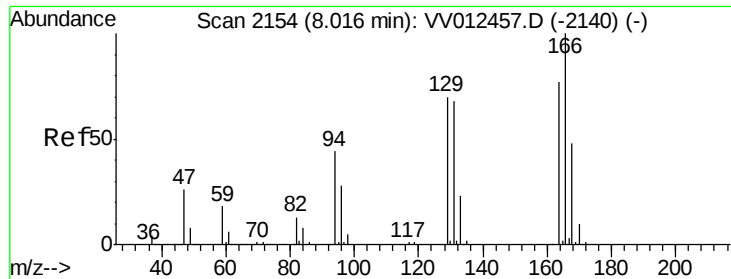
Trichloroethene
 Concen: 0.942 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV012468.D
 Acq: 30 Aug 2019 21:20

Tgt Ion: 95 Resp: 21800
 Ion Ratio Lower Upper
 95 100
 97 66.6 45.8 85.2
 132 94.3 68.3 126.9
 130 101.3 72.0 133.8



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: 100.127 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012468.D

Acq: 30 Aug 2019 21:20

Instrument :
MSVOA_V
ClientSampleId :
GANM4

Tgt Ion:164 Resp: 1855012

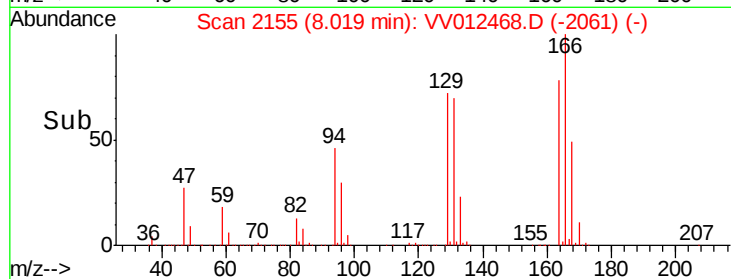
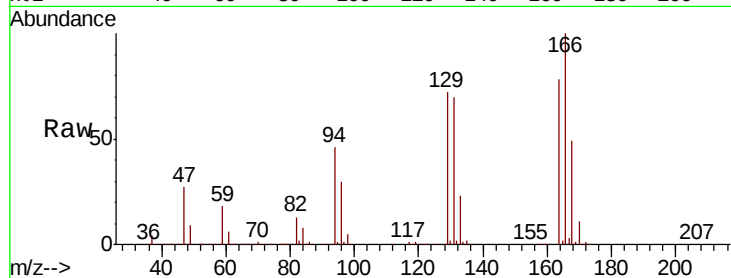
Ion Ratio Lower Upper

164 100

129 93.3 65.6 121.8

131 90.3 63.3 117.5

166 128.7 89.4 166.0



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

