

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037929.D
 Acq On : 29 Apr 2020 22:40
 Operator : JC/MD
 Sample : L2410-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF2

Quant Time: Apr 30 05:51:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 04:10:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	626243	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	594269	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	262102	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	245105	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.58%
7) Chloroethane-d5	1.93	69	211392	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.70%
11) 1,1-Dichloroethene-d2	2.59	63	303288	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.48%
21) 2-Butanone-d5	4.66	46	410790	94.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.75%
24) Chloroform-d	5.10	84	398774	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
26) 1,2-Dichloroethane-d4	5.74	65	292763	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
32) Benzene-d6	5.76	84	870545	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.72	67	292741	52.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.16%
41) Toluene-d8	7.92	98	753180	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%
43) trans-1,3-Dichloropropene-	8.20	79	109582	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
47) 2-Hexanone-d5	8.65	63	277314	90.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.63%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	405522	51.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.70%
64) 1,2-Dichlorobenzene-d4	12.20	152	264352	51.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.66%

Target Compounds

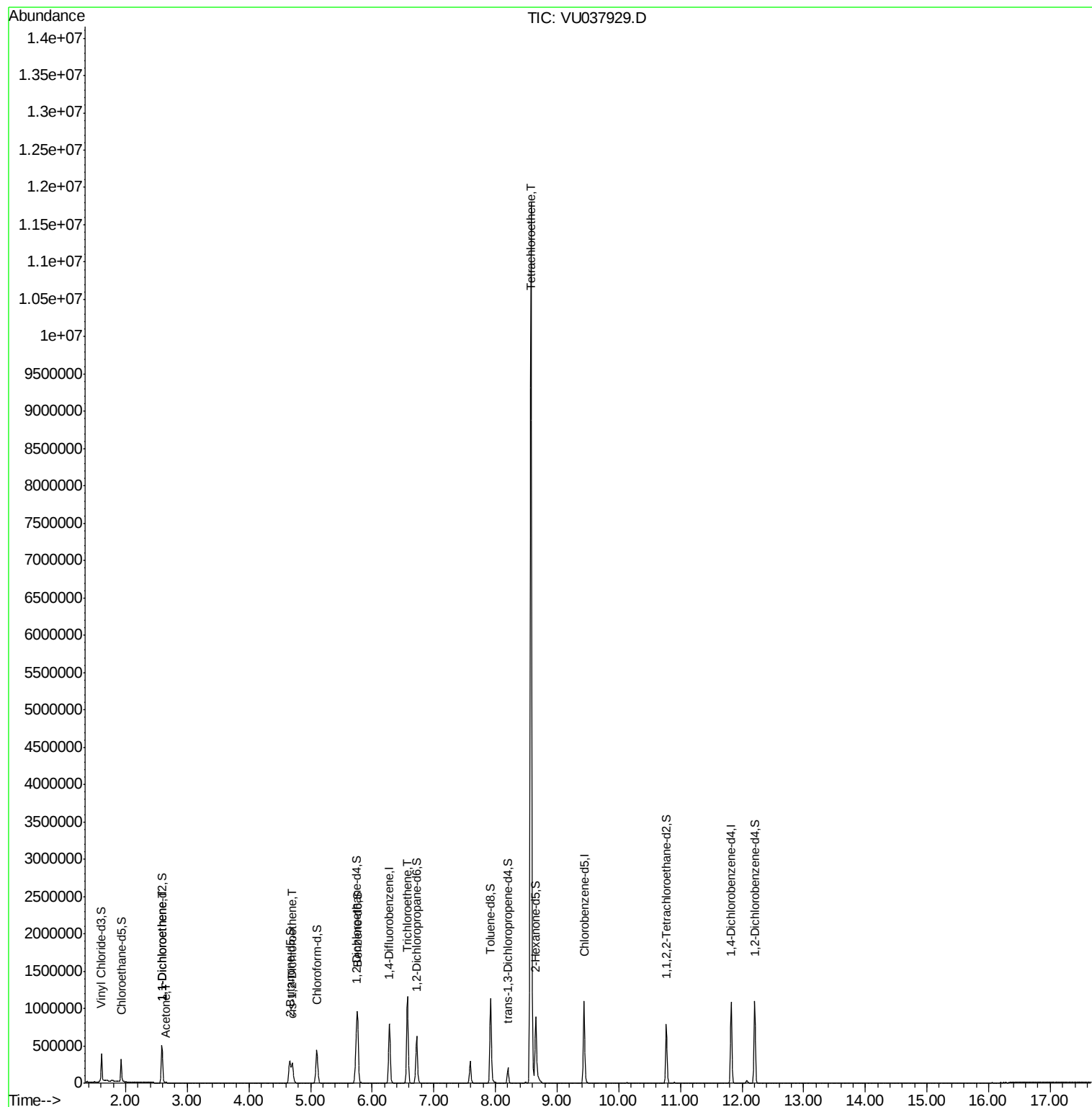
					Ovalue
12) 1,1-Dichloroethene	2.59	96	3682	0.968 ug/L #	1
13) Acetone	2.65	43	8731	3.375 ug/L	93
20) cis-1,2-Dichloroethene	4.71	96	117781	25.305 ug/L	92
34) Trichloroethene	6.57	95	394247	89.109 ug/L	98
46) Tetrachloroethene	8.57	164	2527267	781.508 ug/L	97

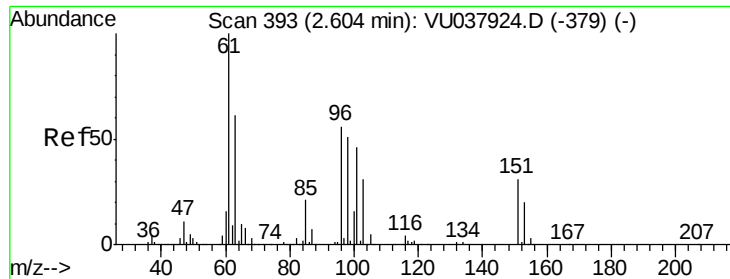
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.968 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.01 min

Lab File: VU037929.D

Acq: 29 Apr 2020 22:40

Instrument :

MSVOA_U

ClientSampleId :

DBEF2

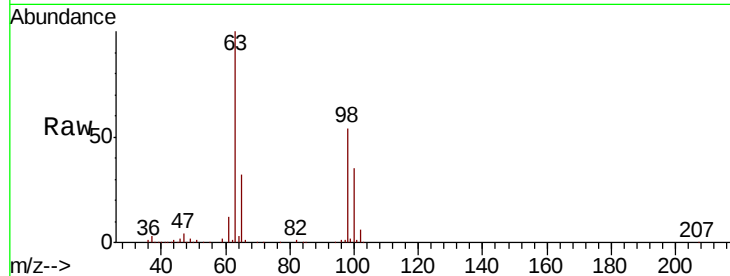
Tot Ion: 96 Resp: 3682

Ion Ratio Lower Upper

96 100

61 1081.4 134.1 249.0#

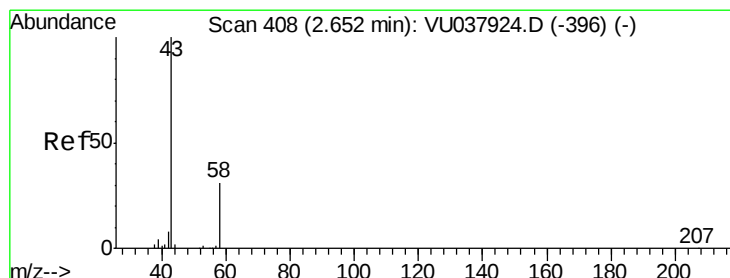
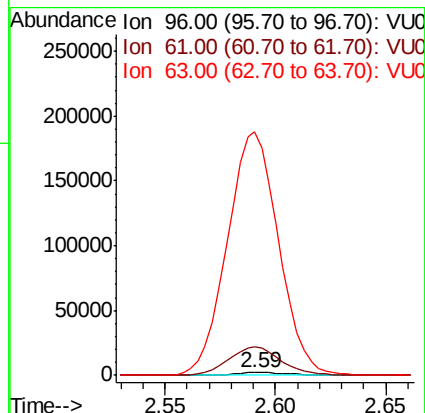
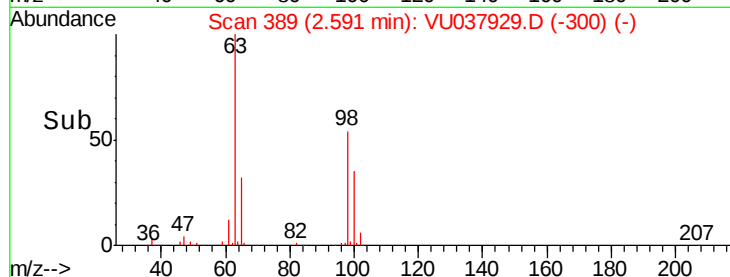
63 9266.9 96.5 179.1#



Abundance Ion 96.00 (95.70 to 96.70): VU037929.D (-389) (-)

Ion 61.00 (60.70 to 61.70): VU037929.D (-389) (-)

Ion 63.00 (62.70 to 63.70): VU037929.D (-389) (-)



#13

Acetone

Concen: 3.375 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU037929.D

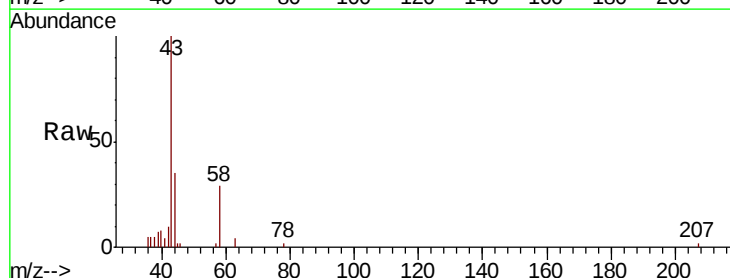
Acq: 29 Apr 2020 22:40

Tgt Ion: 43 Resp: 8731

Ion Ratio Lower Upper

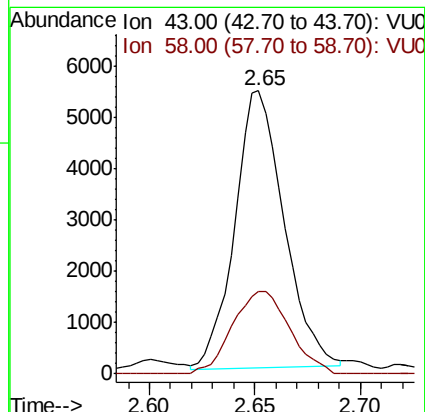
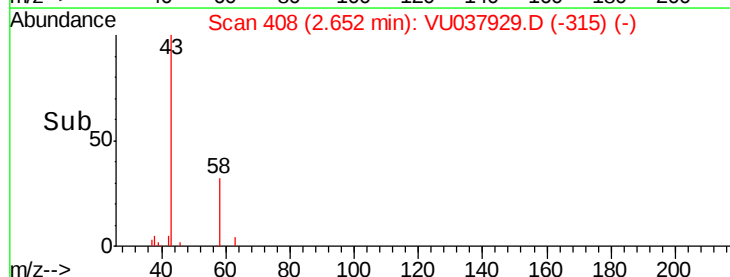
43 100

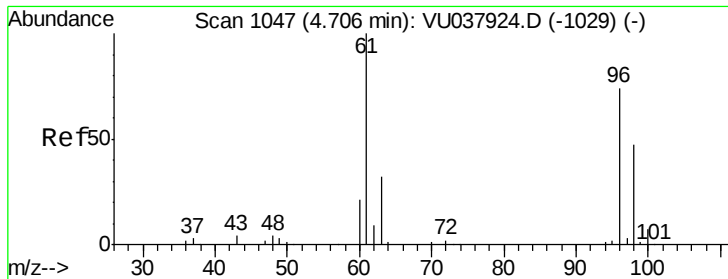
58 34.7 0.0 62.0



Abundance Ion 43.00 (42.70 to 43.70): VU037929.D (-408) (-)

Ion 58.00 (57.70 to 58.70): VU037929.D (-408) (-)

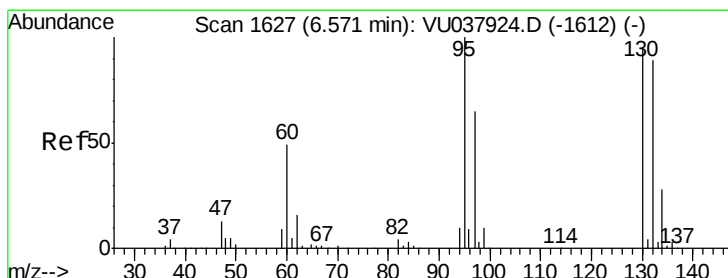
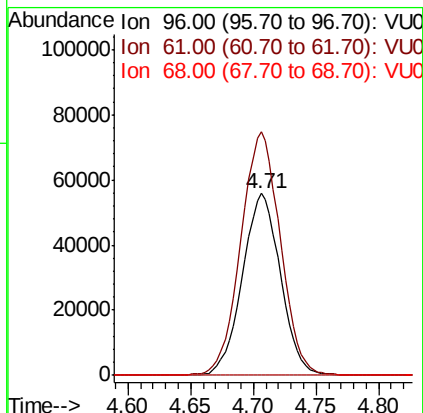
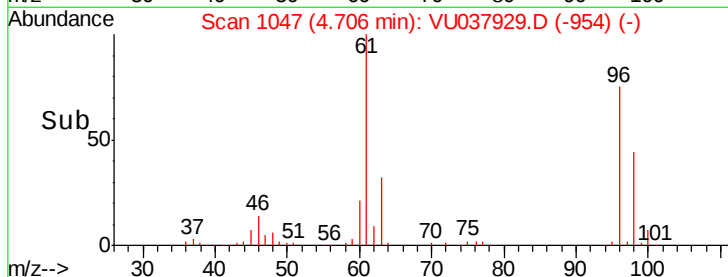
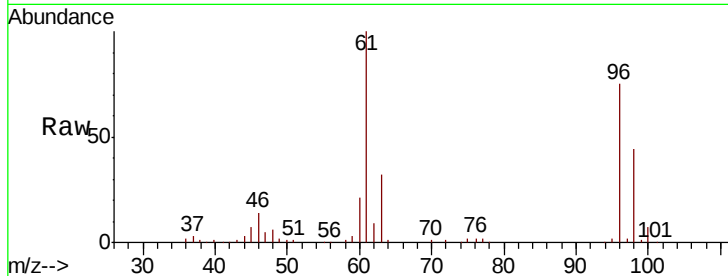




#20
 cis-1,2-Dichloroethene
 Concen: 25.305 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU037929.D
 Acq: 29 Apr 2020 22:40

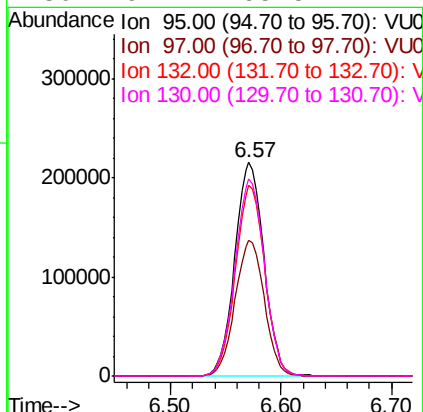
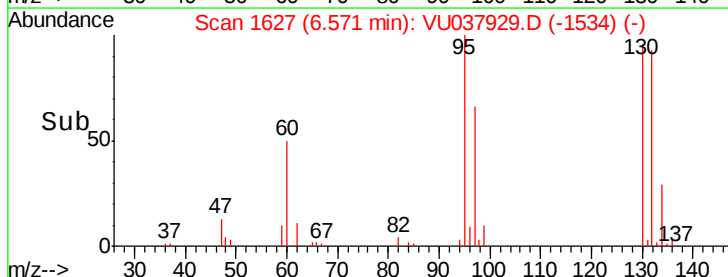
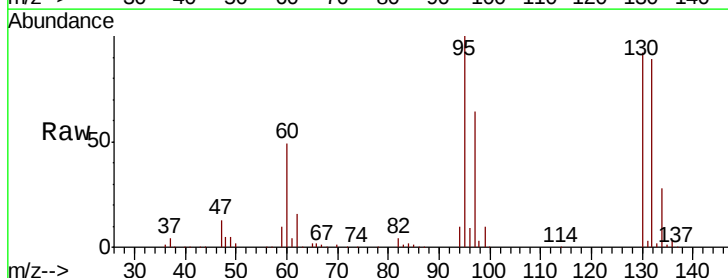
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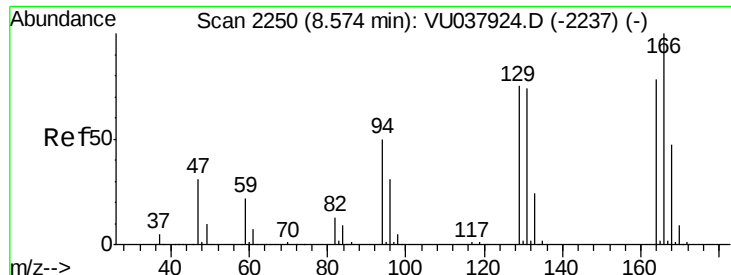
Tot Ion: 96 Resp: 117781
 Ion Ratio Lower Upper
 96 100
 61 133.9 100.4 186.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 89.109 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037929.D
 Acq: 29 Apr 2020 22:40

Tgt Ion: 95 Resp: 394247
 Ion Ratio Lower Upper
 95 100
 97 63.8 44.4 82.5
 132 89.1 65.0 120.6
 130 92.2 65.5 121.7





#46

Tetrachloroethene

Concen: 781.508 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU037929.D

Acq: 29 Apr 2020 22:40

Instrument :

MSVOA_U

ClientSampleId :

DBEF2

Tot Ion:164 Resp: 2527267

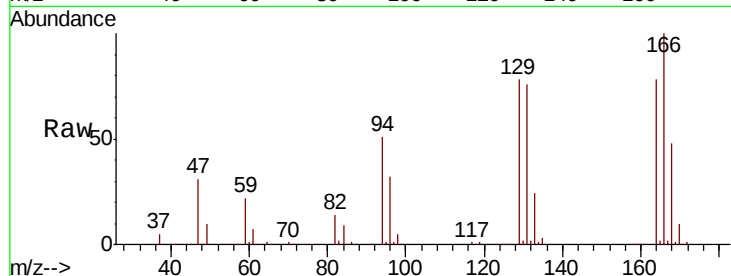
Ion Ratio Lower Upper

164 100

129 99.8 67.3 125.1

131 96.4 64.8 120.4

166 127.4 88.5 164.4



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

