

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051920\
 Data File : VU038230.D
 Acq On : 19 May 2020 13:23
 Operator : JC/MD
 Sample : L2657-04DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFST7DL

Quant Time: May 20 01:50:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:25:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	354403	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	349972	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	169997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	109736	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.93	69	107822	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.58	63	135759	2.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.00%#
20) 2-Butanone-d5	4.67	46	453648	56.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.44%
24) Chloroform-d	5.10	84	203154	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.74	65	127514	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.76	84	419507	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.72	67	146441	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.92	98	353223	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	8.20	79	55819	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.66	63	355923	55.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	129384	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	144680	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

Target Compounds

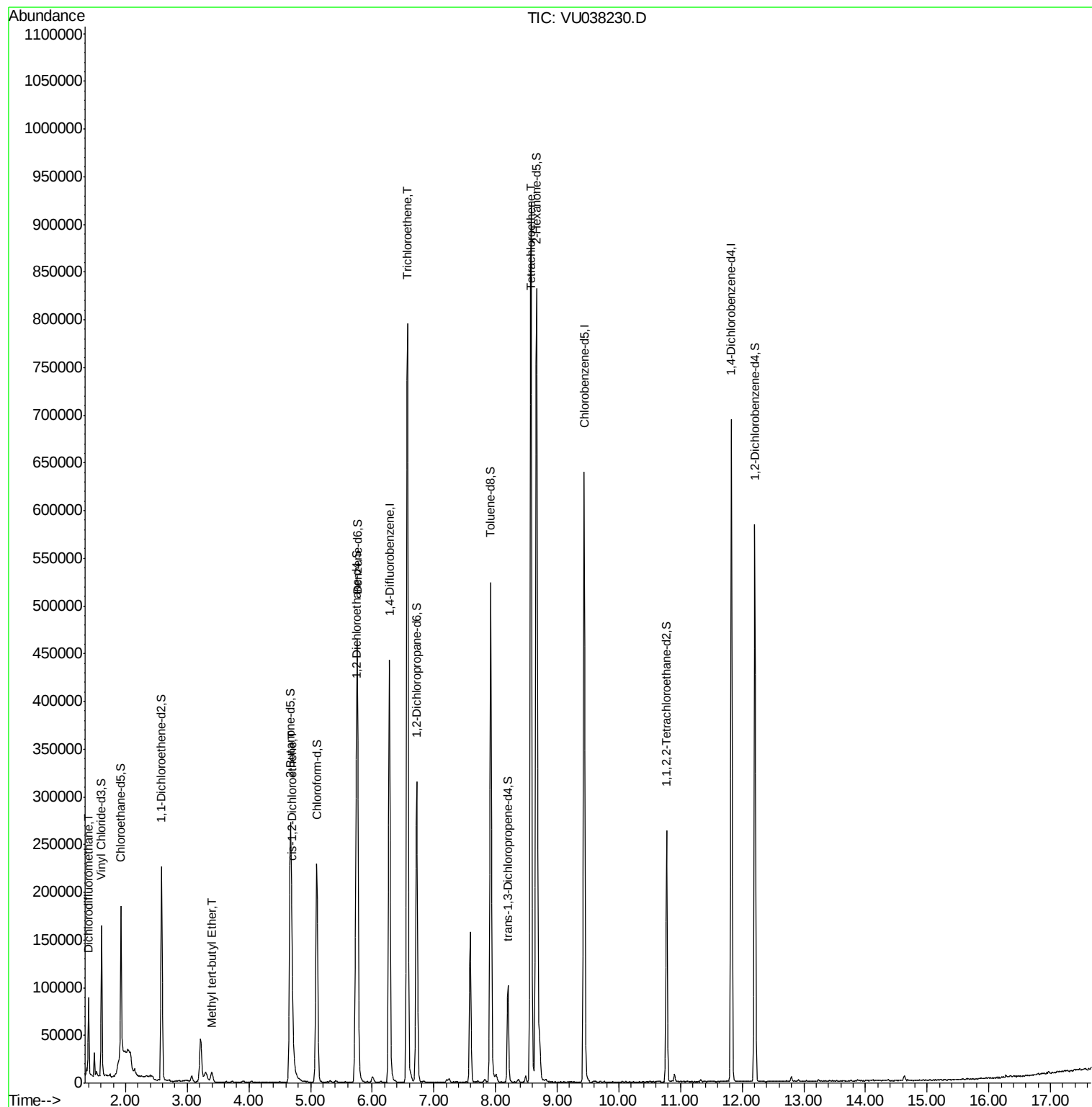
					Ovalue
2) Dichlorodifluoromethane	1.39	85	27039	0.834 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	10111	0.148 ug/L #	86
22) cis-1,2-Dichloroethene	4.70	96	11464	0.396 ug/L	93
34) Trichloroethene	6.57	95	270421	9.647 ug/L	99
47) Tetrachloroethene	8.57	164	203400	10.374 ug/L	100

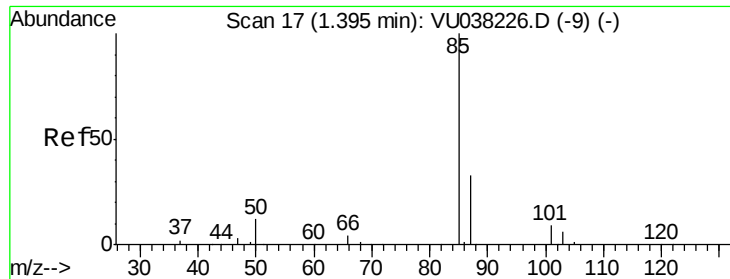
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.834 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU038230.D

Acq: 19 May 2020 13:23

Instrument :

MSVOA_U

ClientSampleId :

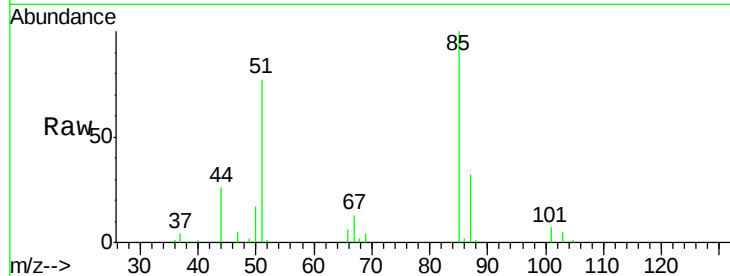
BFST7DL

Tot Ion: 85 Resp: 27039

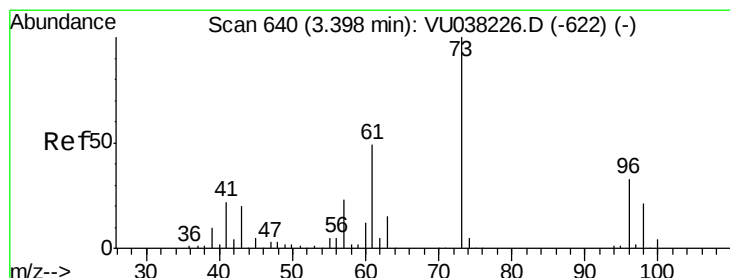
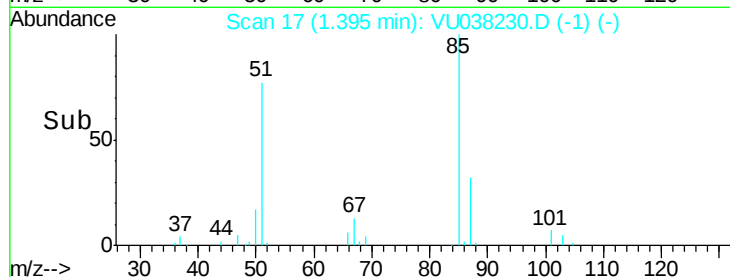
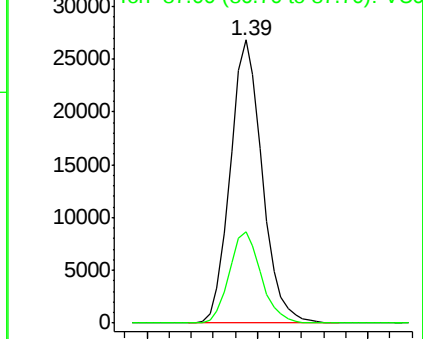
Ion Ratio Lower Upper

85 100

87 32.0 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VU038230.D (-1) (-)



#17

Methyl tert-butyl Ether

Concen: 0.148 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038230.D

Acq: 19 May 2020 13:23

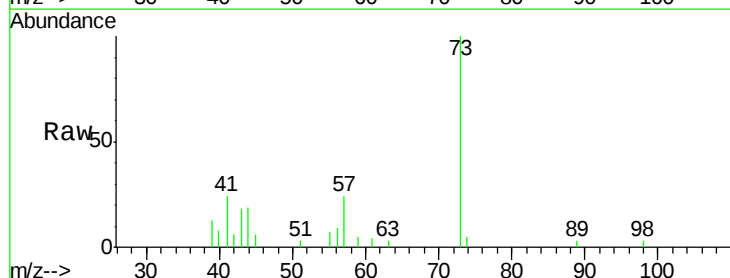
Tgt Ion: 73 Resp: 10111

Ion Ratio Lower Upper

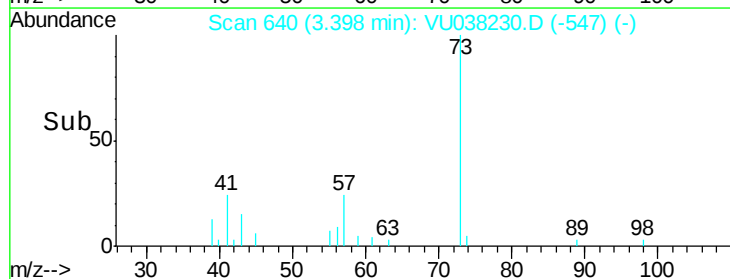
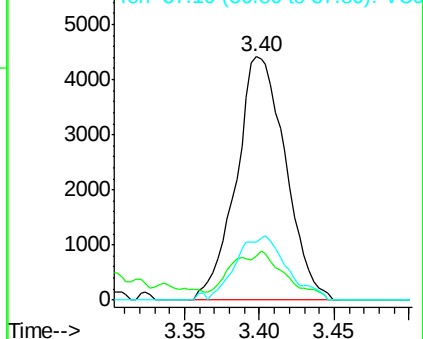
73 100

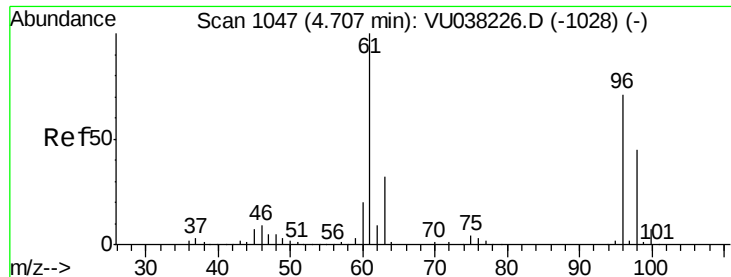
43 12.6 16.9 25.3#

57 27.3 18.2 27.2#



Abundance Ion 73.10 (72.80 to 73.80): VU038230.D (-547) (-)

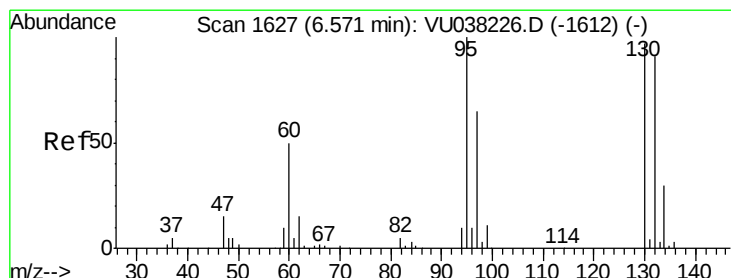
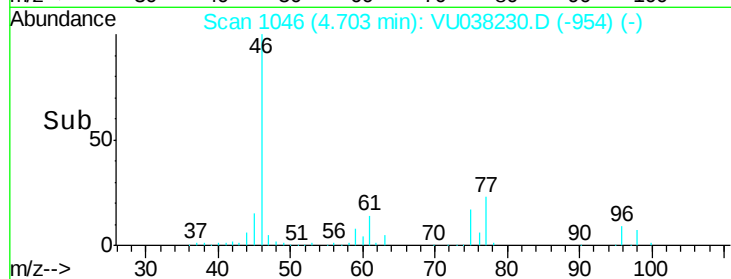
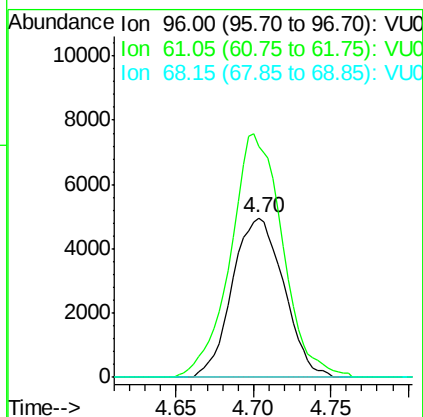
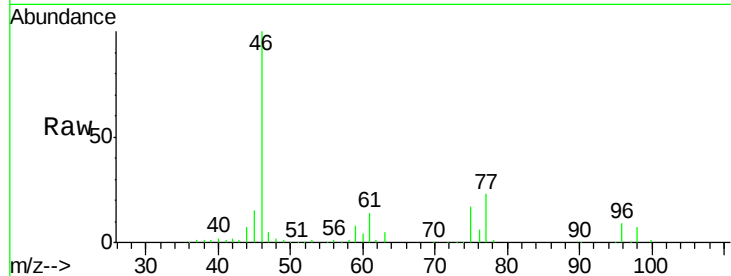




#22
 cis-1,2-Dichloroethene
 Concen: 0.396 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU038230.D
 Acq: 19 May 2020 13:23

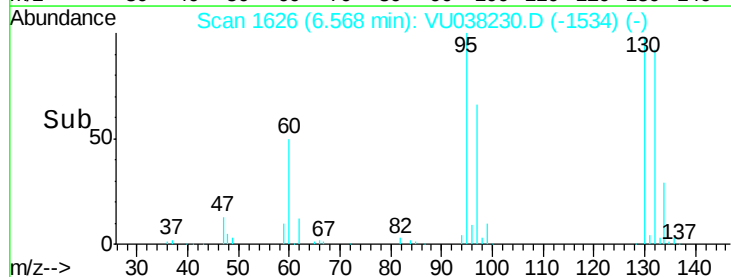
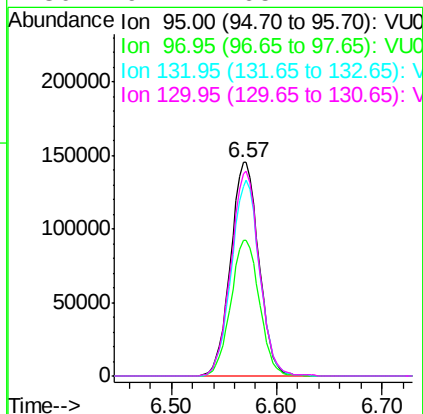
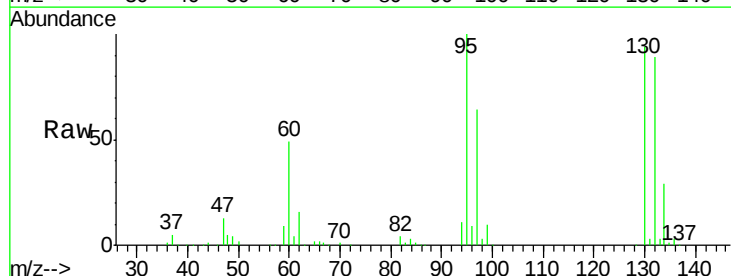
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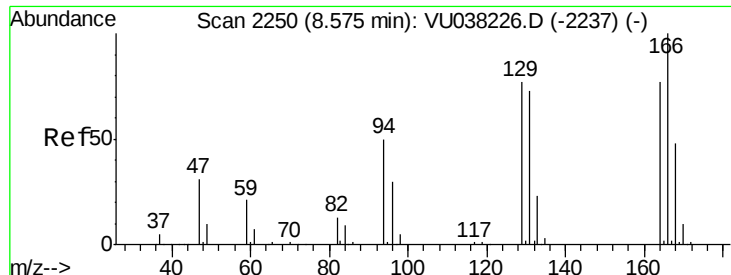
Tot Ion: 96 Resp: 11464
 Ion Ratio Lower Upper
 96 100
 61 144.7 95.3 176.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 9.647 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: VU038230.D
 Acq: 19 May 2020 13:23

Tgt Ion: 95 Resp: 270421
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.9 83.3
 132 89.0 63.3 117.5
 130 94.4 65.7 122.1





#47

Tetrachloroethene

Concen: 10.374 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU038230.D

Acq: 19 May 2020 13:23

Instrument :

MSVOA_U

ClientSampleId :

BFST7DL

Tot Ion:164 Resp: 203400

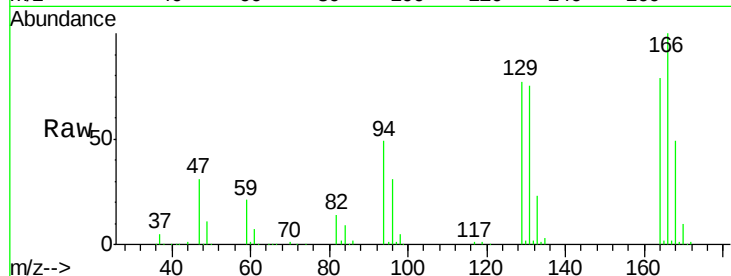
Ion Ratio Lower Upper

164 100

129 98.4 68.8 127.8

131 95.6 66.8 124.2

166 127.2 88.9 165.1



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

