

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038056.D
 Acq On : 07 May 2020 21:59
 Operator : JC/MD
 Sample : L2527-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSK6

Quant Time: May 08 04:38:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	362971	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	355578	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	145231	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.93	69	124193	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.59	63	180618	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.66	46	325667	39.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.52%
24) Chloroform-d	5.10	84	198608	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	5.74	65	127775	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	490418	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	157885	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.92	98	440084	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	55350	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.65	63	268689	41.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.60%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114844	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	150708	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

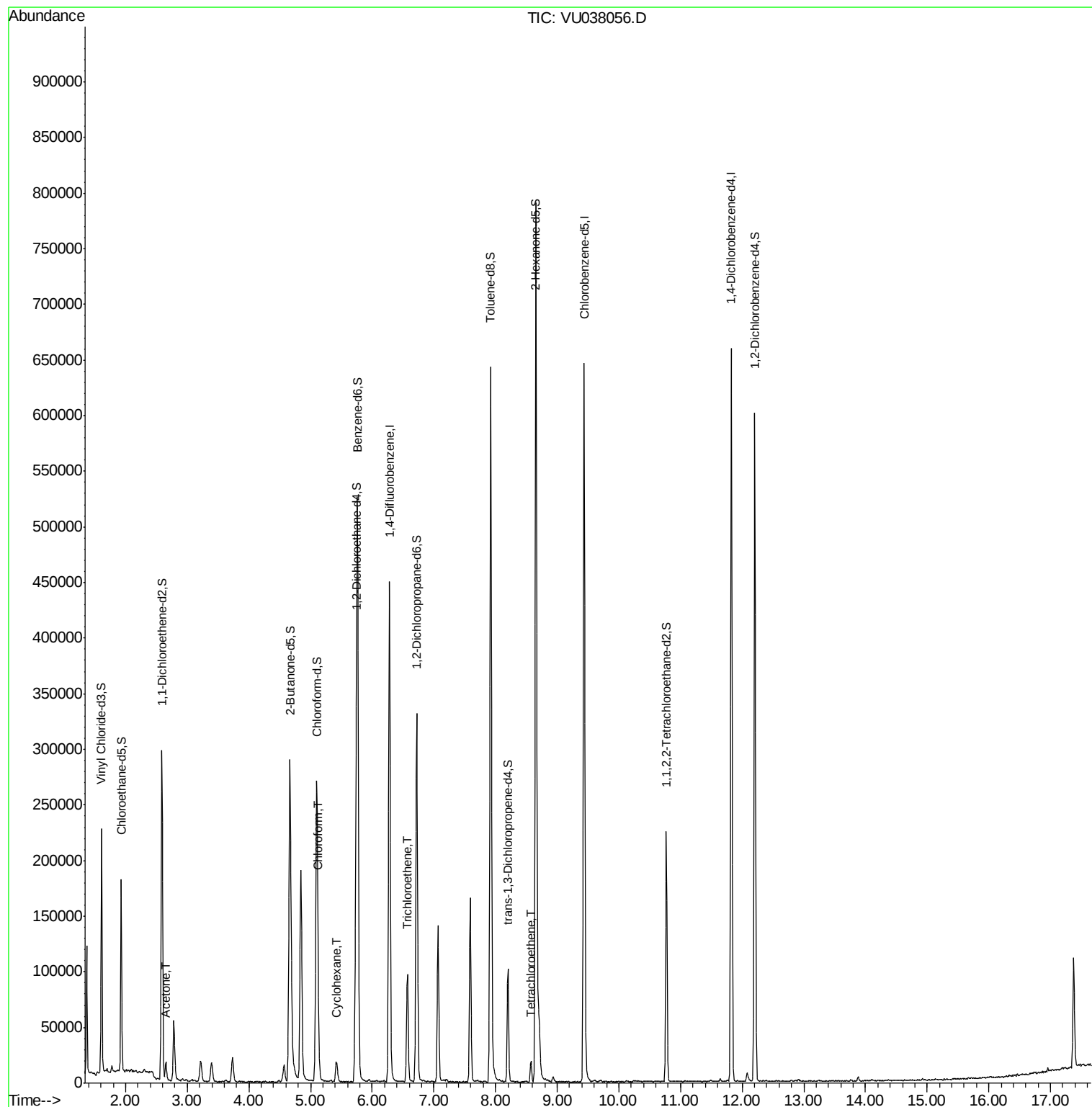
					Ovalue
13) Acetone	2.65	43	18210	3.543 ug/L	94
25) Chloroform	5.13	83	25254	0.504 ug/L	91
30) Cyclohexane	5.42	56	9021	0.188 ug/L	96
34) Trichloroethene	6.57	95	32087	1.127 ug/L	96
47) Tetrachloroethene	8.57	164	4186	0.210 ug/L	85

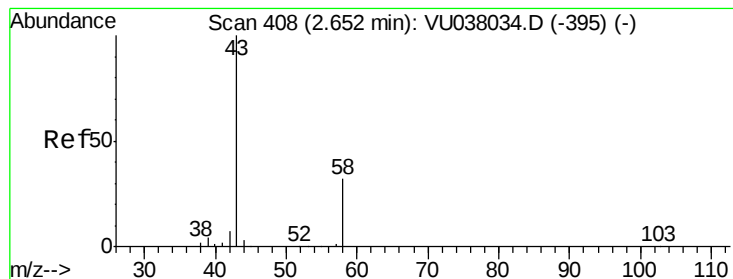
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.543 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

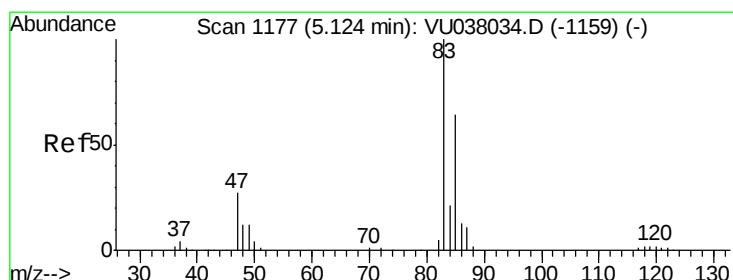
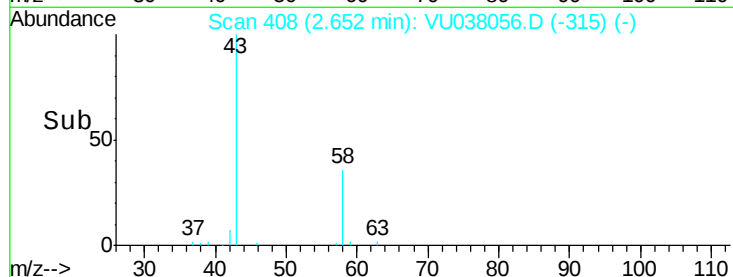
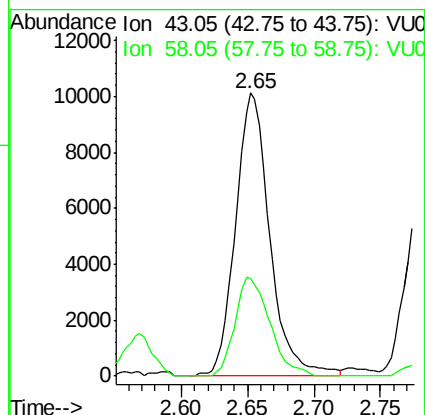
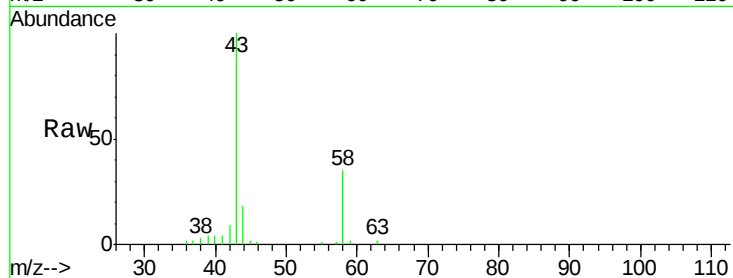
BFSK6

Tot Ion: 43 Resp: 18210

Ion Ratio Lower Upper

43 100

58 35.3 0.0 63.6



#25

Chloroform

Concen: 0.504 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

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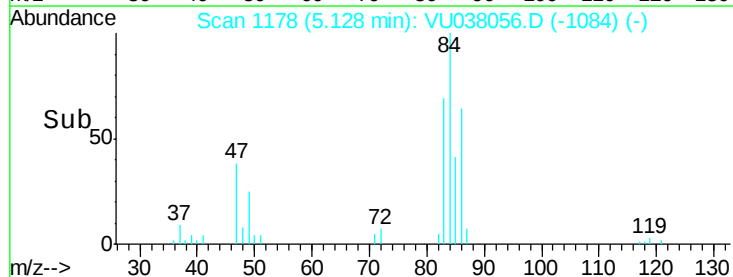
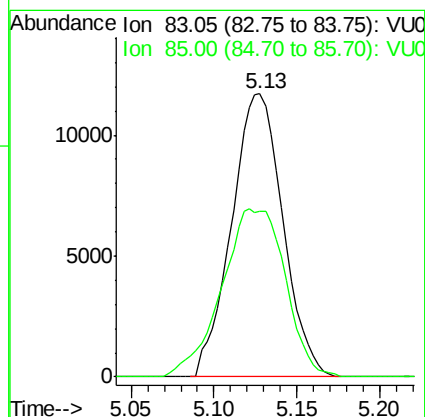
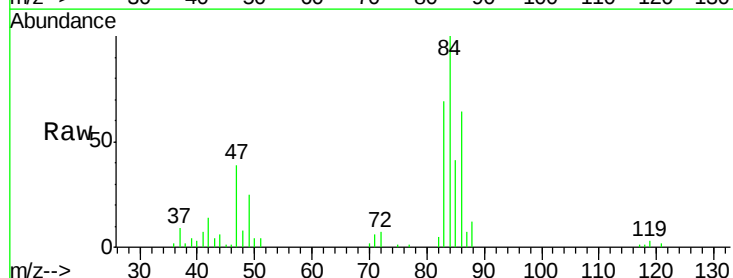
Acq: 07 May 2020 21:59

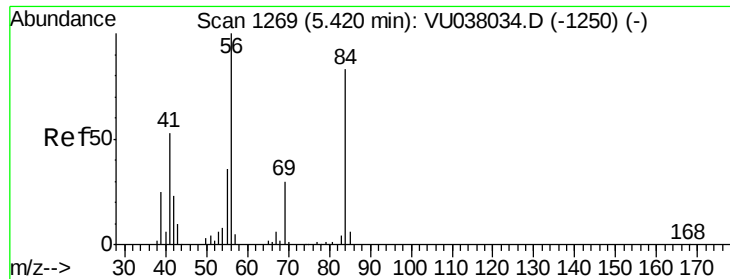
Tgt Ion: 83 Resp: 25254

Ion Ratio Lower Upper

83 100

85 58.6 46.2 85.8

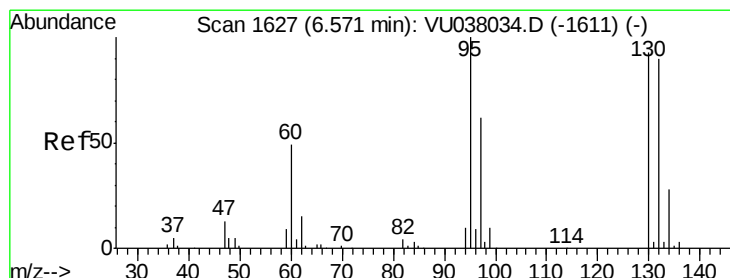
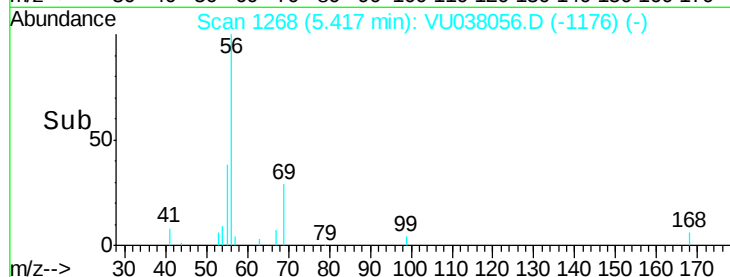
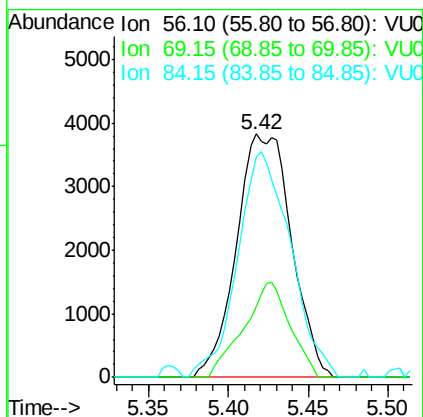
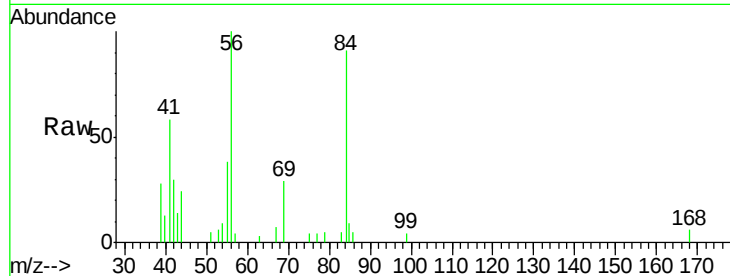




#30
Cyclohexane
Concen: 0.188 ug/L
RT: 5.42 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VU038056.D
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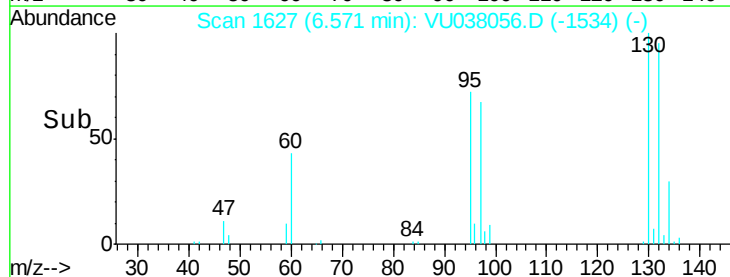
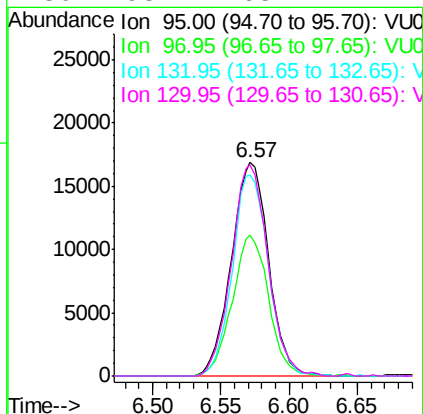
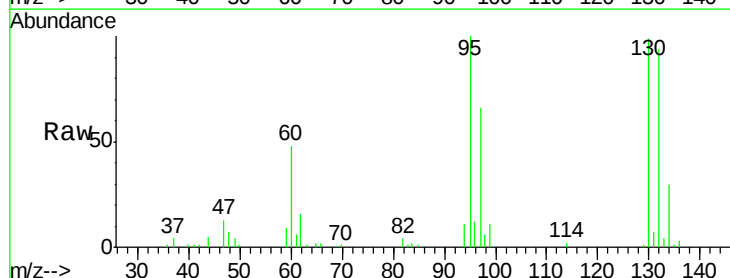
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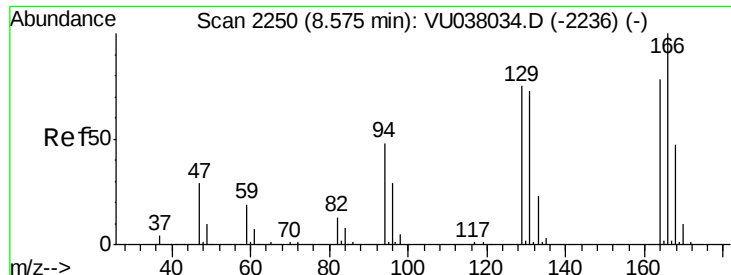
Tot Ion: 56 Resp: 9021
Ion Ratio Lower Upper
56 100
69 32.9 24.2 36.4
84 89.5 68.5 102.7



#34
Trichloroethene
Concen: 1.127 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038056.D
Acq: 07 May 2020 21:59

Tgt Ion: 95 Resp: 32087
Ion Ratio Lower Upper
95 100
97 66.2 44.9 83.3
132 94.2 63.3 117.5
130 98.7 65.7 122.1





#47

Tetrachloroethene

Concen: 0.210 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038056.D

Acq: 07 May 2020 21:59

Instrument :

MSVOA_U

ClientSampleId :

BFSK6

Tot Ion:164 Resp: 4186

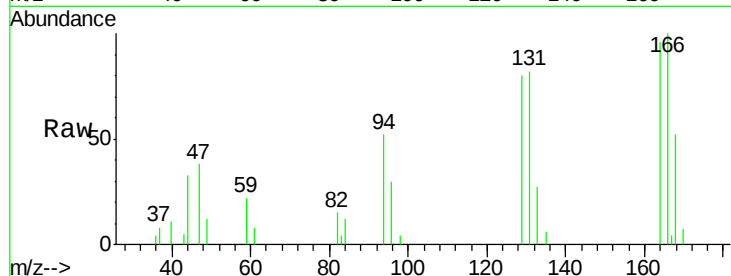
Ion Ratio Lower Upper

164 100

129 83.1 68.8 127.8

131 85.9 66.8 124.2

166 104.3 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

