

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071420\
 Data File : VU039480.D
 Acq On : 14 Jul 2020 13:31
 Operator : SY/MD
 Sample : L3292-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT94

Quant Time: Jul 15 10:36:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 06:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	93645	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	88155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40720	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24875	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.93	69	27607	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.58	63	40379	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.65	46	114620	46.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.30%
24) Chloroform-d	5.09	84	55294	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	34635	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.75	84	108583	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.70	67	37803	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.91	98	95118	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.19	79	14505	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.64	63	85361	43.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.40%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	33592	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	35765	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

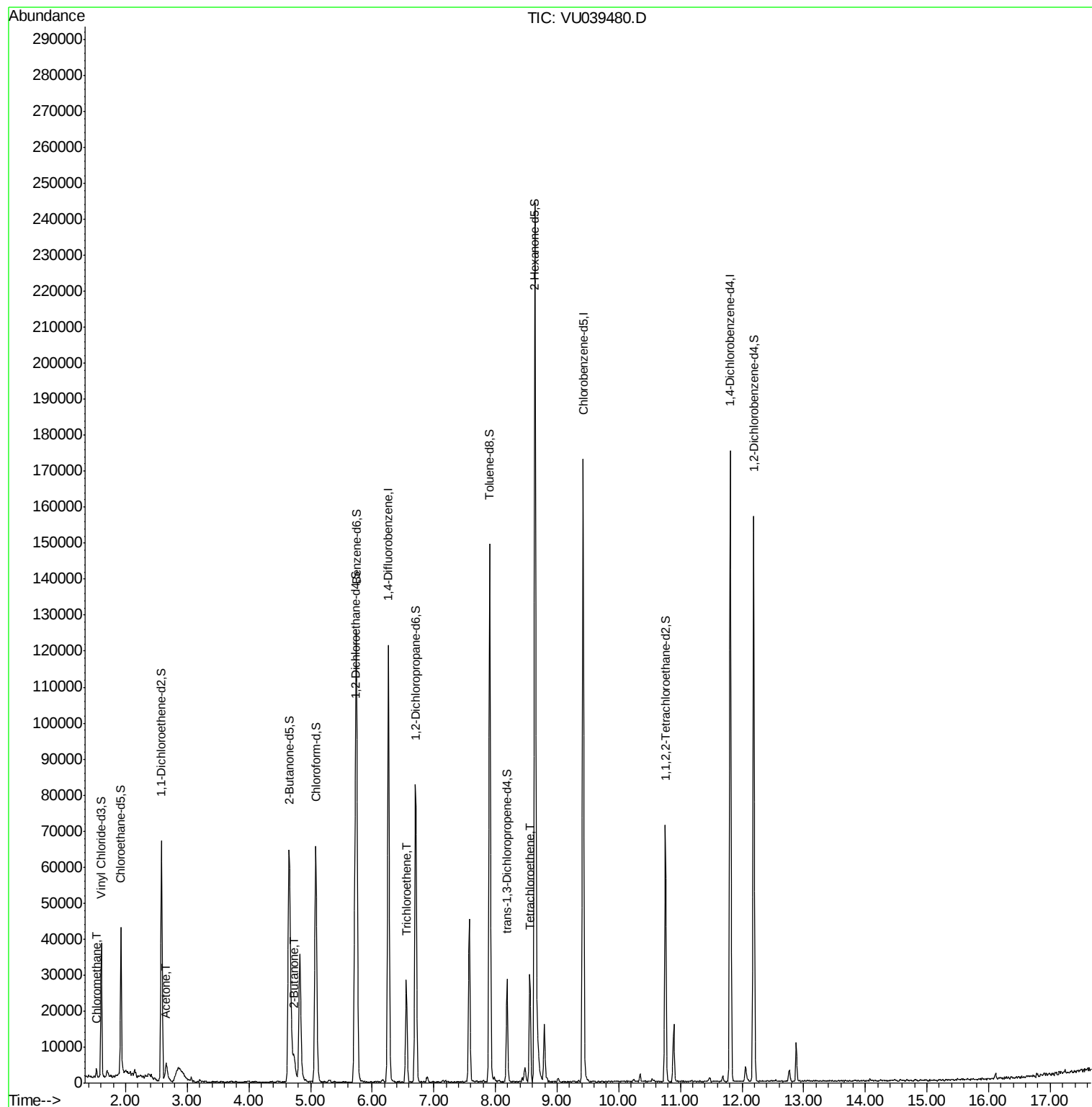
					Ovalue
3) Chloromethane	1.53	50	1577	0.229 ug/L	89
13) Acetone	2.66	43	9192	6.857 ug/L	93
21) 2-Butanone	4.73	43	8608	3.598 ug/L #	71
34) Trichloroethene	6.56	95	8731	1.281 ug/L	98
47) Tetrachloroethene	8.56	164	5762	1.216 ug/L	92

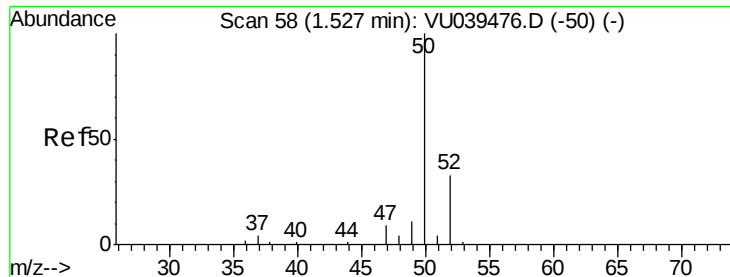
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.229 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU039480.D

Acq: 14 Jul 2020 13:31

Instrument :

MSVOA_U

ClientSampled :

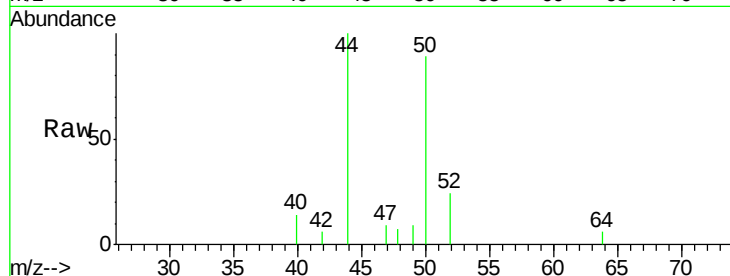
BFT94

Tot Ion: 50 Resp: 1577

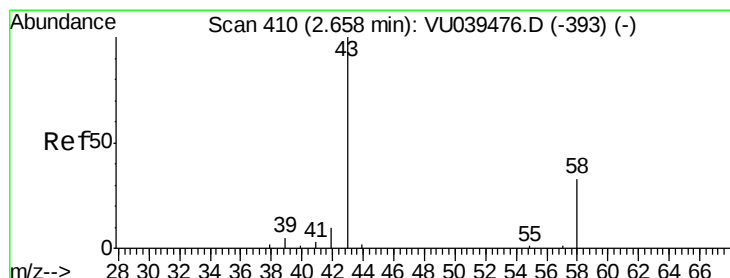
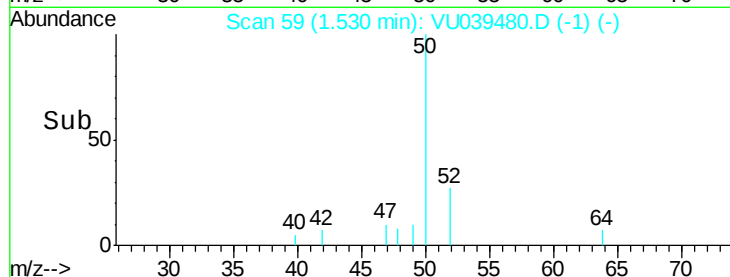
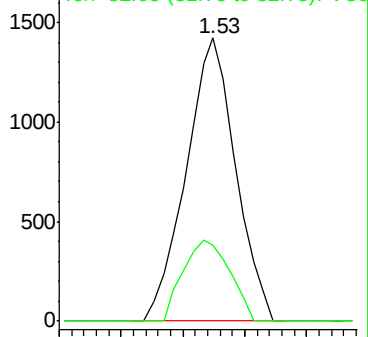
Ion Ratio Lower Upper

50 100

52 26.8 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VU039480.D (-1) (-)



#13

Acetone

Concen: 6.857 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU039480.D

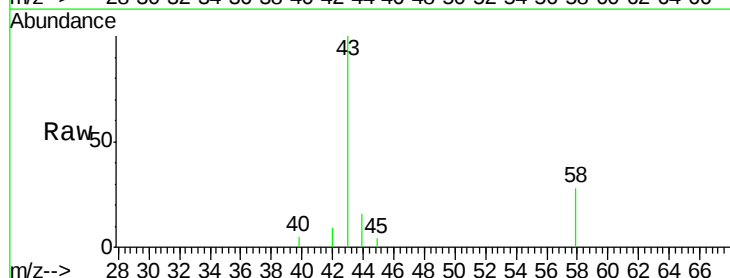
Acq: 14 Jul 2020 13:31

Tgt Ion: 43 Resp: 9192

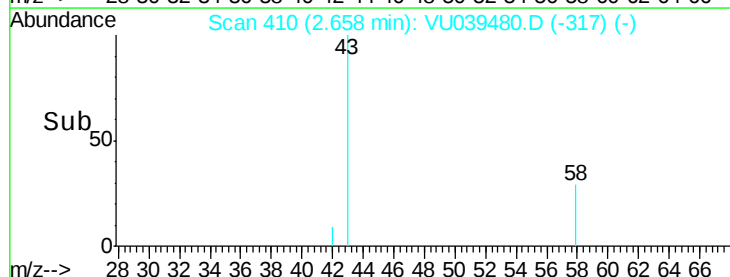
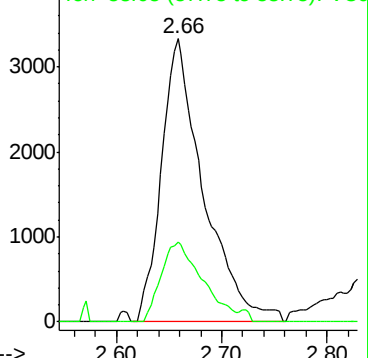
Ion Ratio Lower Upper

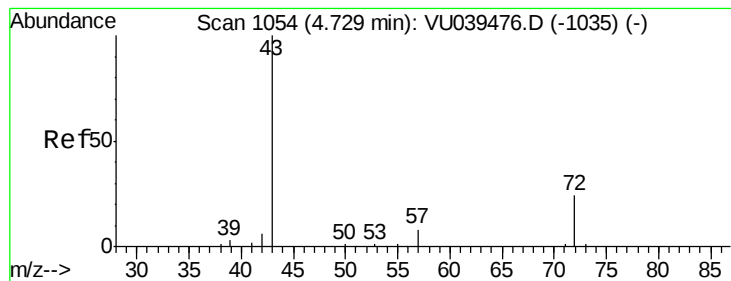
43 100

58 27.7 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039480.D (-317) (-)





#21

2-Butanone

Concen: 3.598 ug/L

RT: 4.73 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VU039480.D

Acq: 14 Jul 2020 13:31

Instrument :

MSVOA_U

ClientSampled :

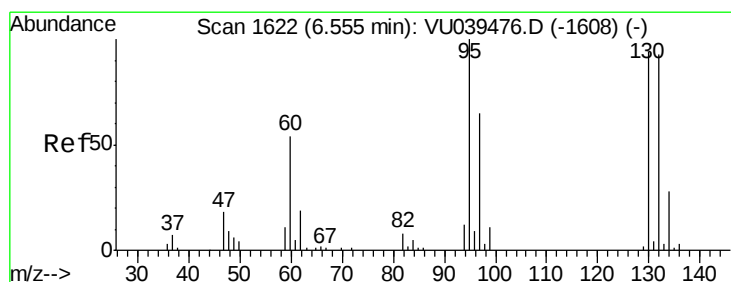
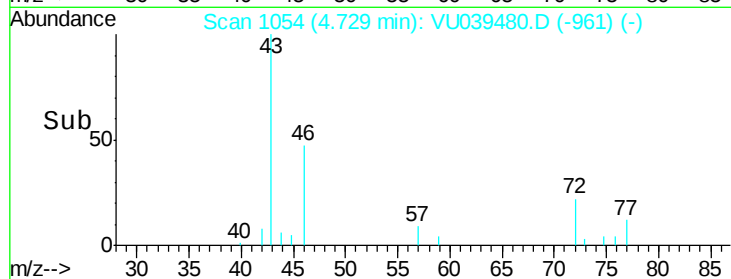
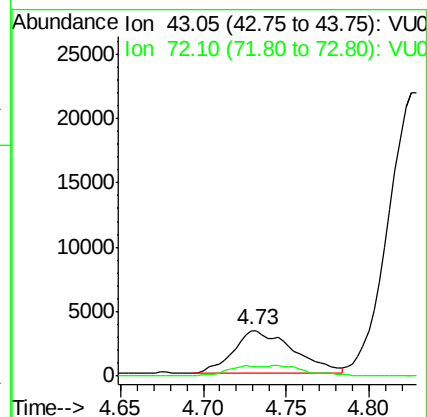
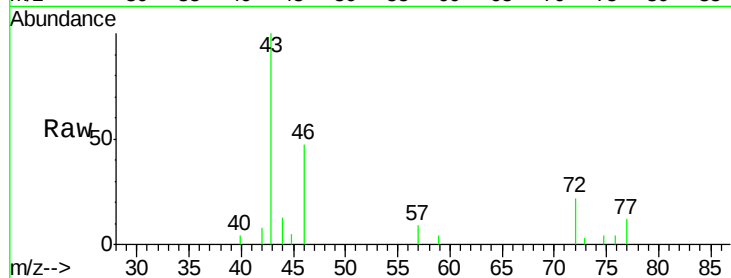
BFT94

Tot Ion: 43 Resp: 8608

Ion Ratio Lower Upper

43 100

72 11.6 13.2 39.5#



#34

Trichloroethene

Concen: 1.281 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039480.D

Acq: 14 Jul 2020 13:31

Tgt Ion: 95 Resp: 8731

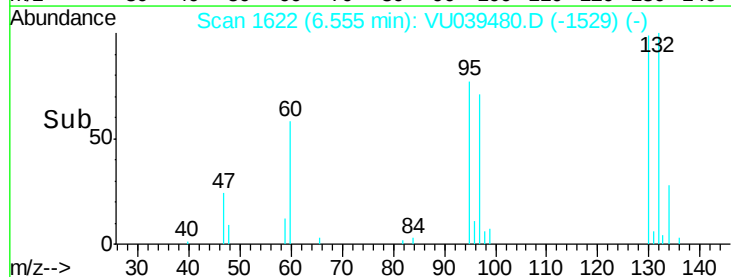
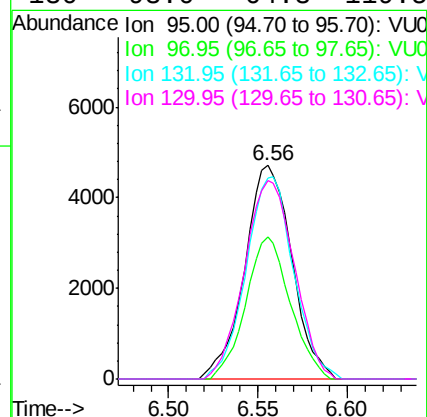
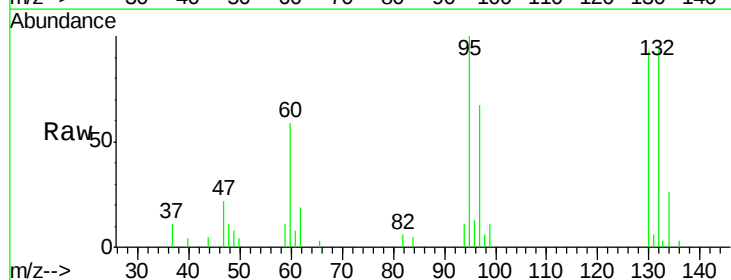
Ion Ratio Lower Upper

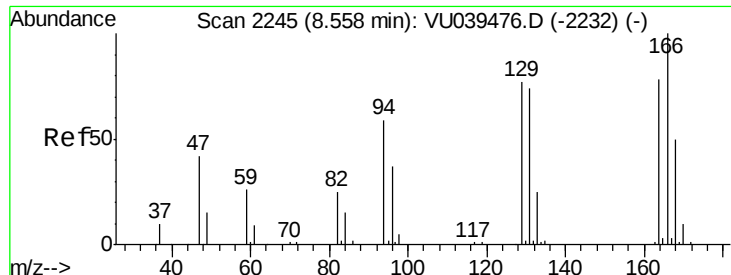
95 100

97 66.6 46.3 85.9

132 94.2 64.0 118.8

130 93.0 64.3 119.5





#47

Tetrachloroethene

Concen: 1.216 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039480.D

Acq: 14 Jul 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

BFT94

Tot Ion:164 Resp: 5762

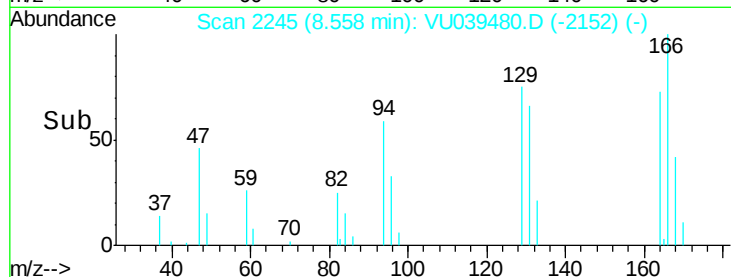
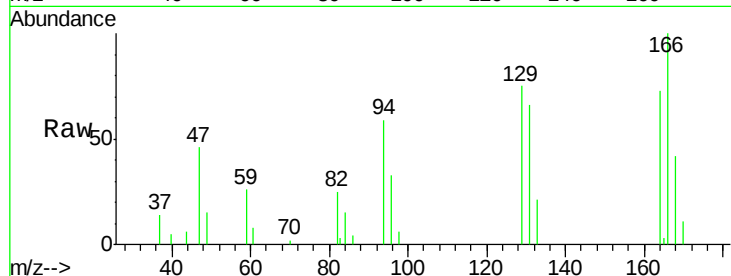
Ion Ratio Lower Upper

164 100

129 103.1 68.6 127.4

131 90.4 66.4 123.4

166 137.0 85.9 159.5



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

