

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040875.D
 Acq On : 21 Oct 2020 15:58
 Operator : SY/MD
 Sample : L4428-10DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ45DL

Quant Time: Oct 22 01:24:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	235978	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	238381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	104628	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	79355	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.92	69	72298	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.58	63	122831	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.66	46	373667	65.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.10%#
24) Chloroform-d	5.08	84	171974	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	106782	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.74	84	308972	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	108367	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.91	98	240433	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	41613	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.64	63	270667	63.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	99890	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	100705	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

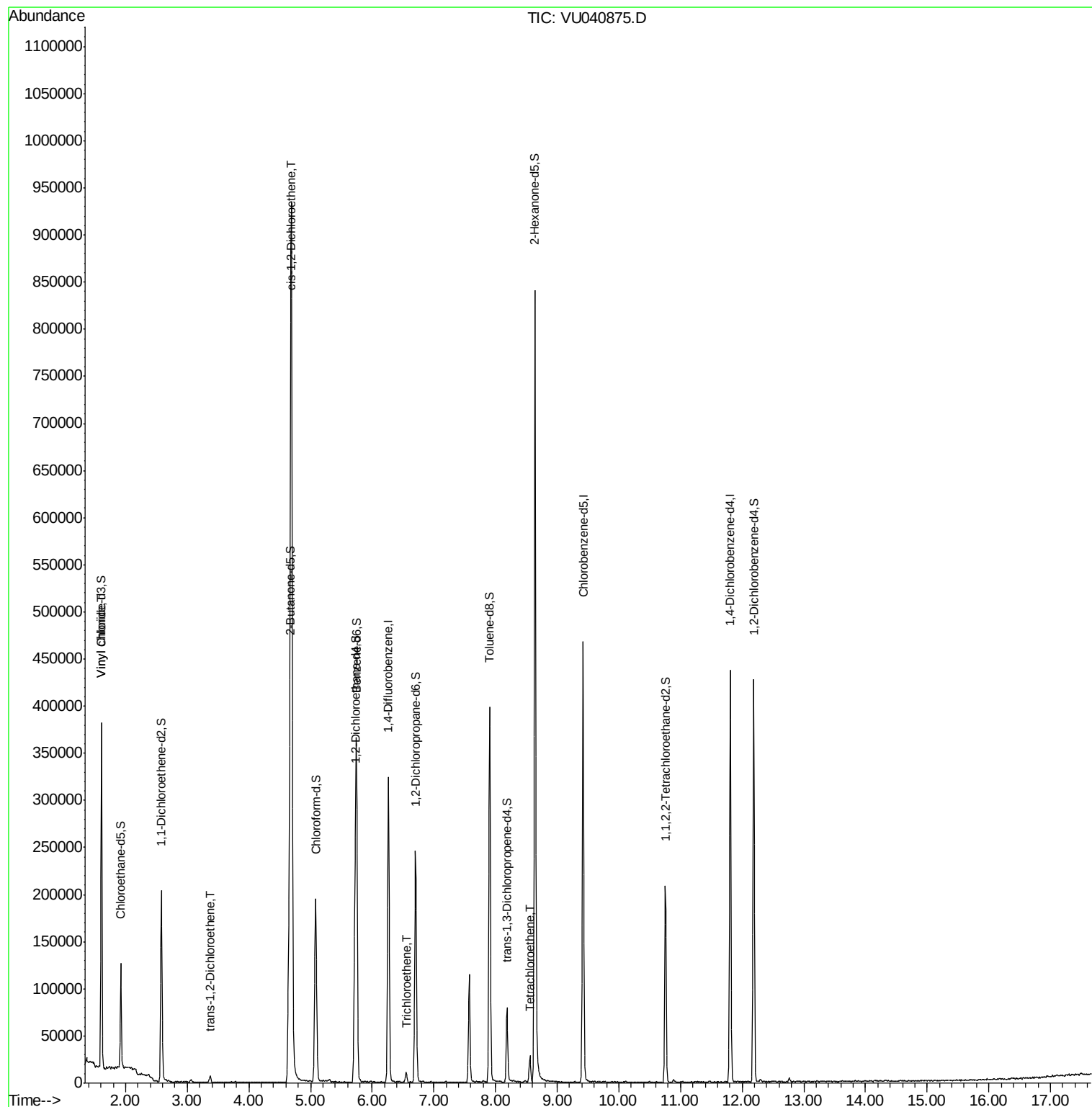
					Ovalue
5) Vinyl chloride	1.61	62	178393	7.378 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	2600	0.145 ug/L	82
22) cis-1,2-Dichloroethene	4.69	96	418443	21.261 ug/L	96
34) Trichloroethene	6.55	95	2859	0.147 ug/L	94
47) Tetrachloroethene	8.56	164	5674	0.391 ug/L	94

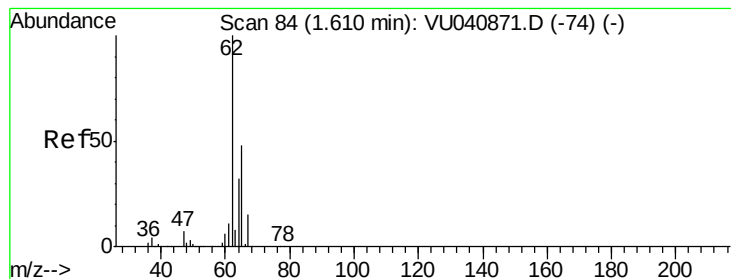
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.378 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

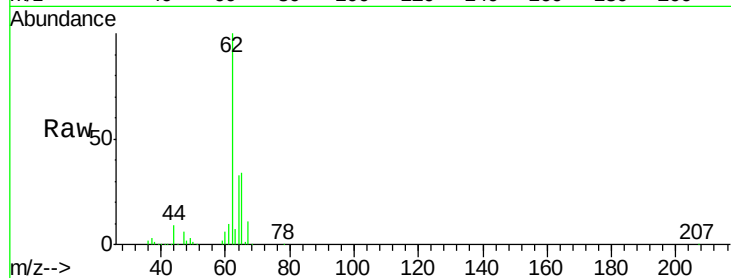
ETZ45DL

Tot Ion: 62 Resp: 178393

Ion Ratio Lower Upper

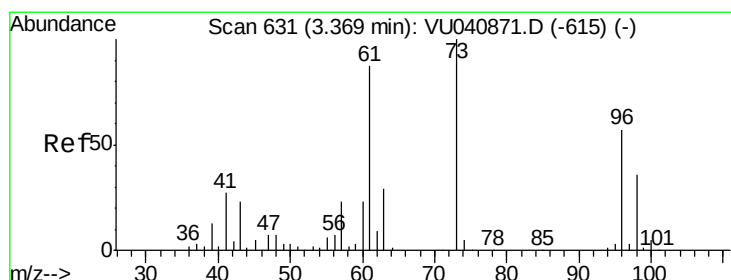
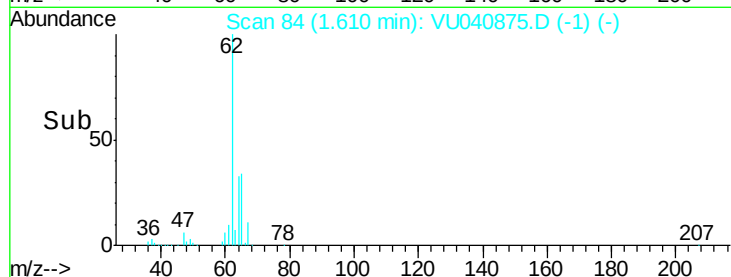
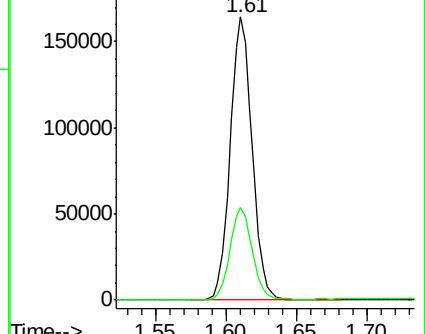
62 100

64 32.9 21.8 40.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.145 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

Lab File: VU040875.D

Acq: 21 Oct 2020 15:58

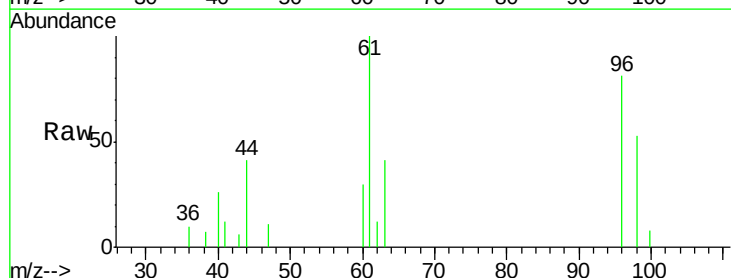
Tgt Ion: 96 Resp: 2600

Ion Ratio Lower Upper

96 100

61 123.3 107.9 200.3

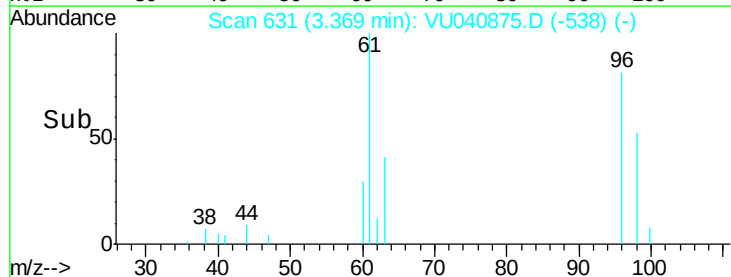
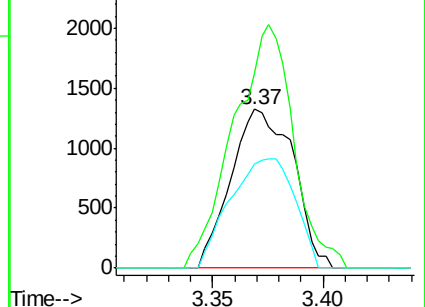
98 65.3 47.5 88.1

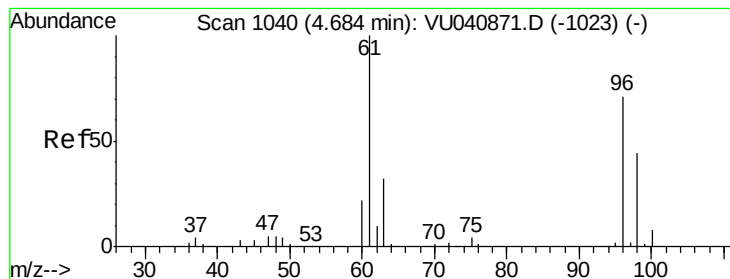


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 21.261 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040875.D

Acq: 21 Oct 2020 15:58

Instrument :

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ETZ45DL

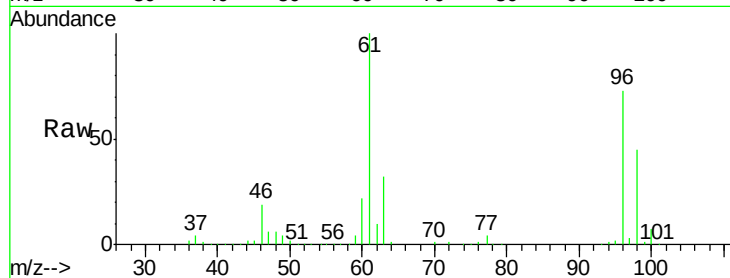
Tot Ion: 96 Resp: 418443

Ion Ratio Lower Upper

96 100

61 137.4 100.0 185.6

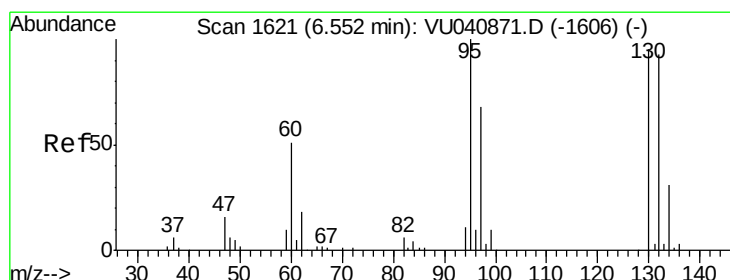
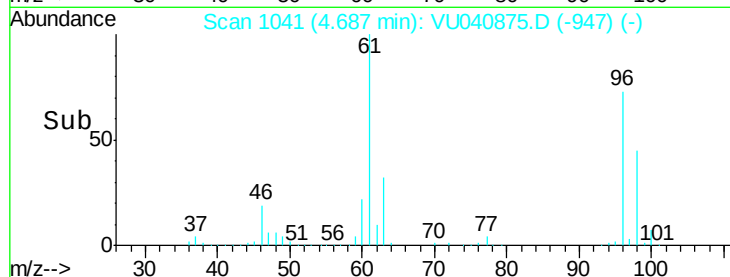
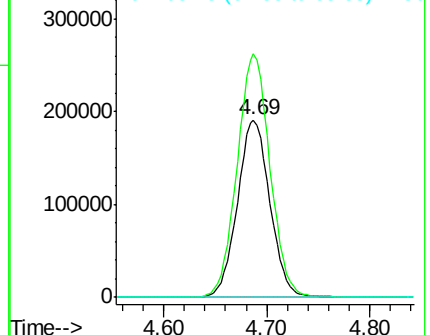
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.147 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040875.D

Acq: 21 Oct 2020 15:58

Tgt Ion: 95 Resp: 2859

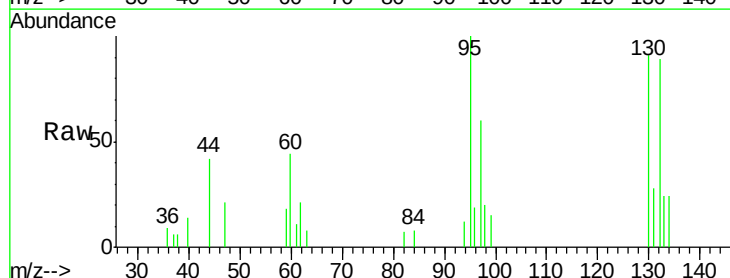
Ion Ratio Lower Upper

95 100

97 59.5 46.0 85.4

132 88.6 63.6 118.2

130 91.1 68.6 127.4

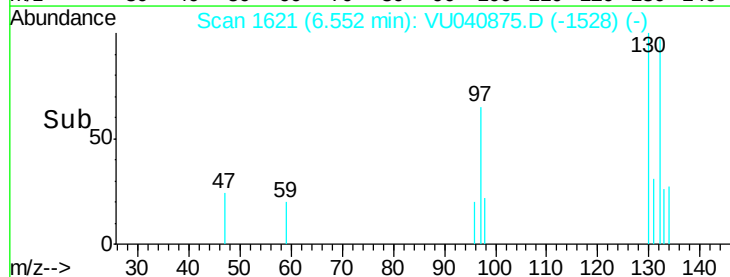
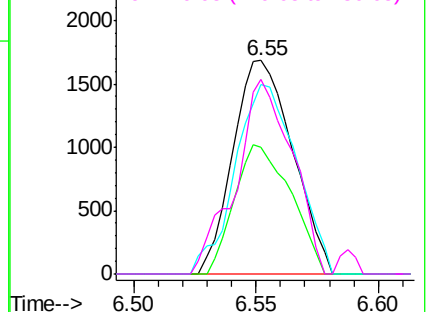


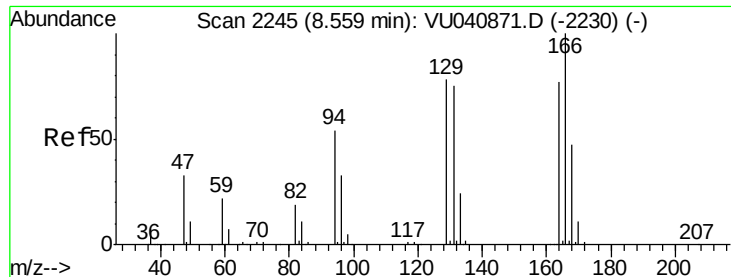
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.391 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.00 min

Lab File: VU040875.D

Acq: 21 Oct 2020 15:58

Instrument :

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Tot Ion:164 Resp: 5674

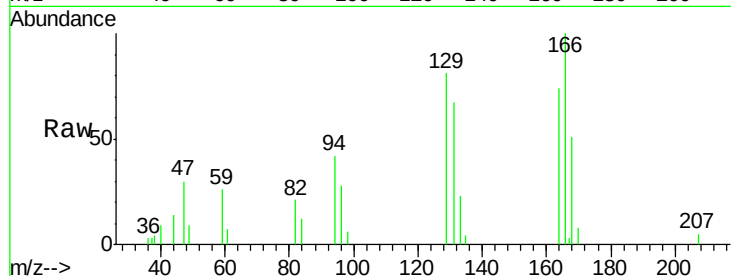
Ion Ratio Lower Upper

164 100

129 110.0 69.7 129.4

131 90.3 65.4 121.4

166 135.2 90.0 167.2



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

