

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015553.D
 Acq On : 17 Apr 2020 14:27
 Operator : SY/MD
 Sample : L2320-08DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRR5DL

Quant Time: Apr 18 01:44:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	90193	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	41154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23416	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.57	69	22466	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.12	63	36256	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.94	46	71960	54.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.52%
24) Chloroform-d	4.38	84	51400	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.06	65	30318	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.07	84	100934	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.10	67	31558	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.34	98	90206	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.64	79	12194	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.11	63	59756	48.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	20659	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	34896	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

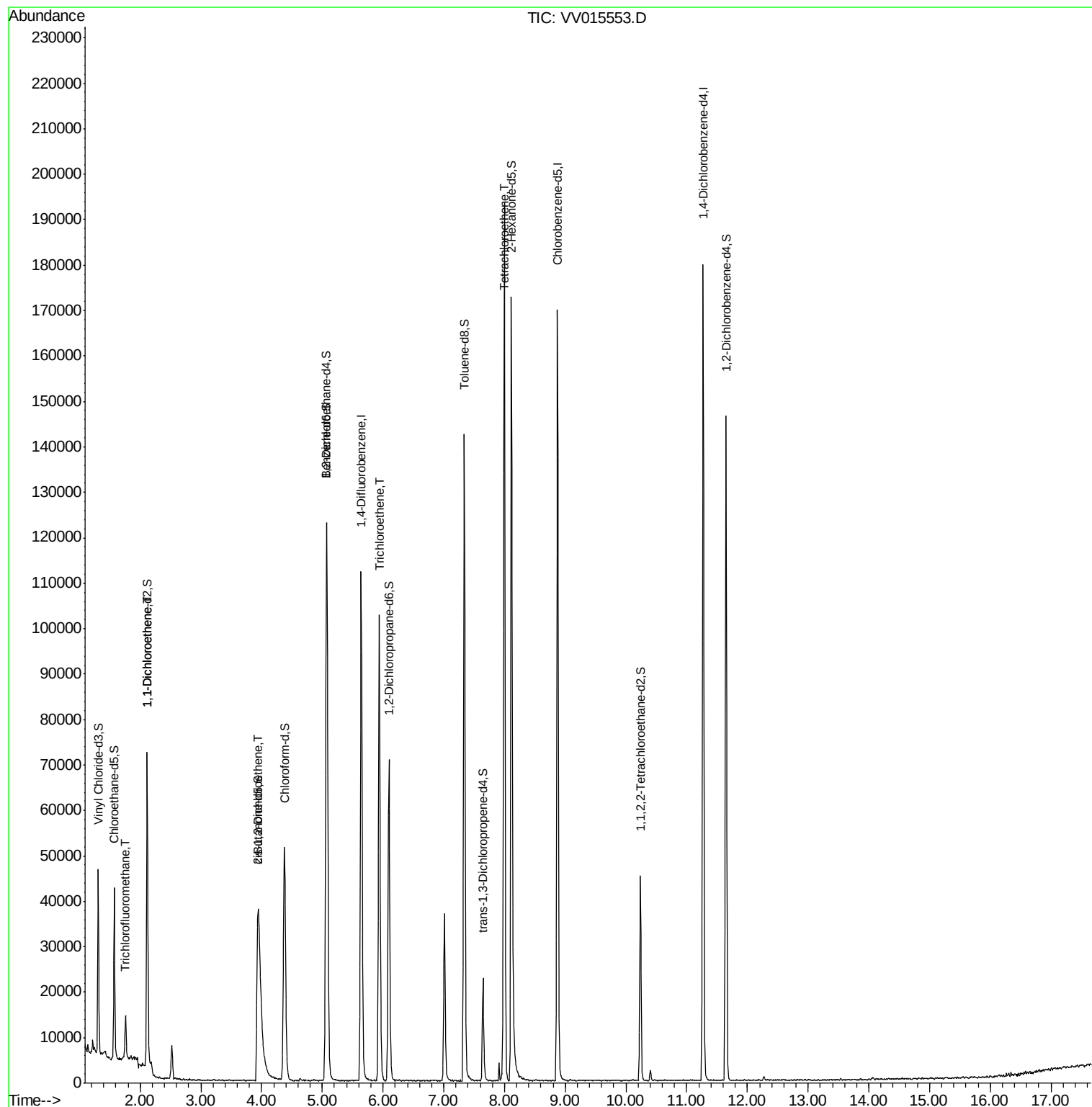
					Ovalue
9) Trichlorofluoromethane	1.76	101	5361	0.512 ug/L	97
12) 1,1-Dichloroethene	2.13	96	1692	0.299 ug/L	# 1
22) cis-1,2-Dichloroethene	3.94	96	3139	0.474 ug/L	95
34) Trichloroethene	5.94	95	34578	5.022 ug/L	99
47) Tetrachloroethene	8.00	164	39748	7.792 ug/L	98

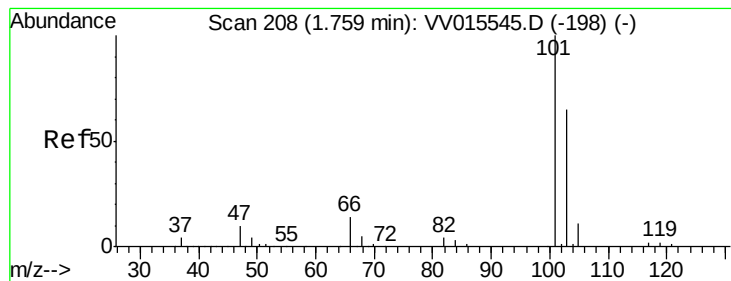
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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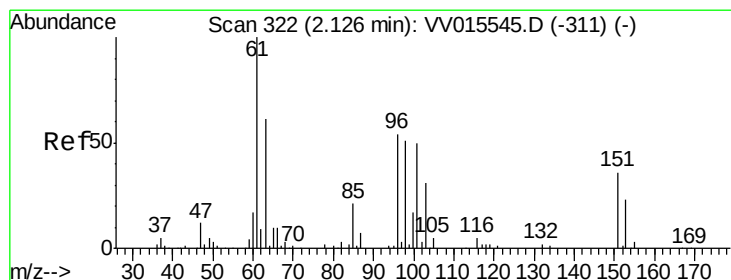
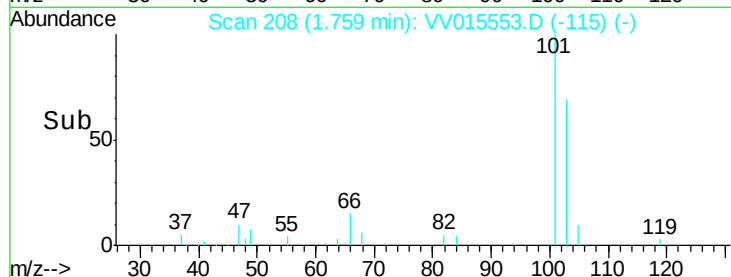
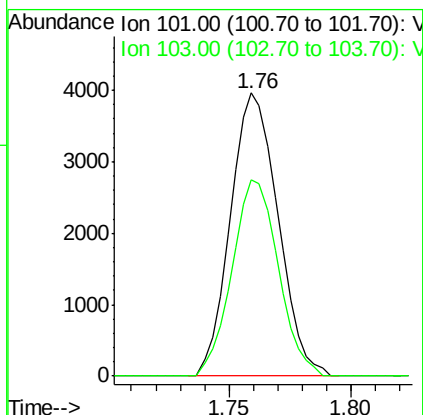
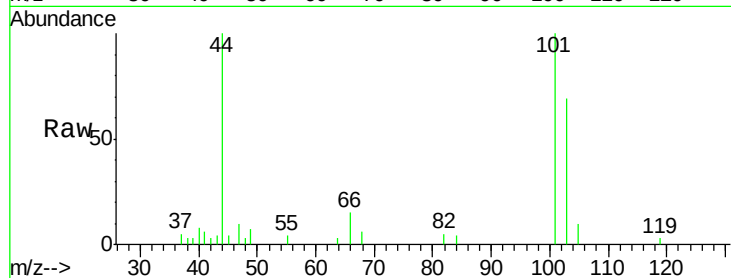


#9

Trichlorofluoromethane
 Concen: 0.512 ug/L
 RT: 1.76 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VV015553.D
 Acq: 17 Apr 2020 14:27

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 BFRR5DL

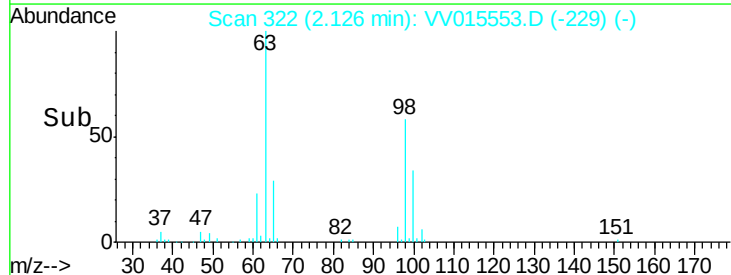
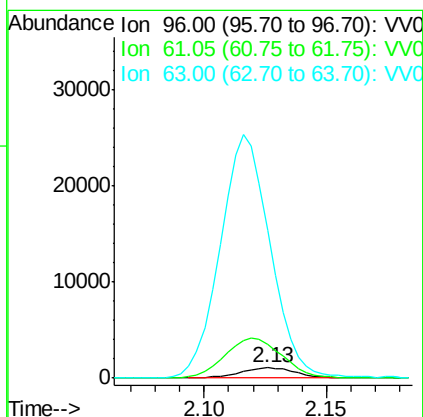
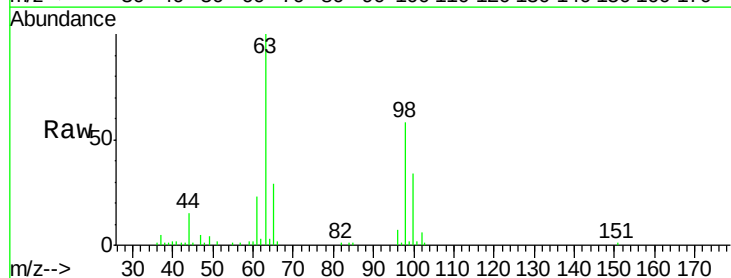
Tot Ion:101 Resp: 5361
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.9 77.9

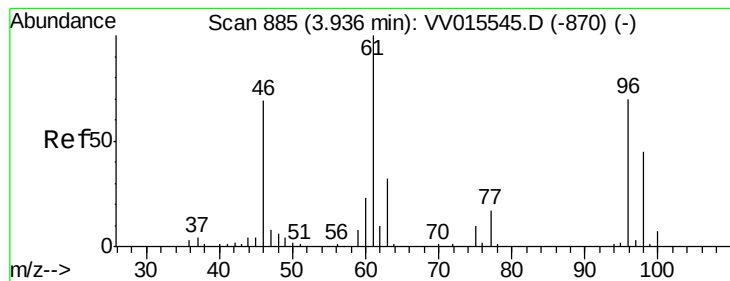


#12

1,1-Dichloroethene
 Concen: 0.299 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VV015553.D
 Acq: 17 Apr 2020 14:27

Tgt Ion: 96 Resp: 1692
 Ion Ratio Lower Upper
 96 100
 61 328.8 127.7 237.1#
 63 1447.4 75.1 139.5#



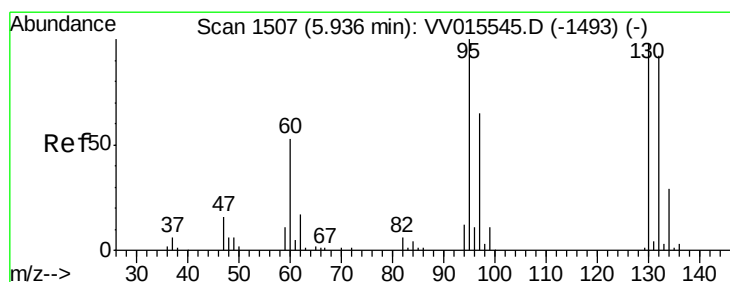
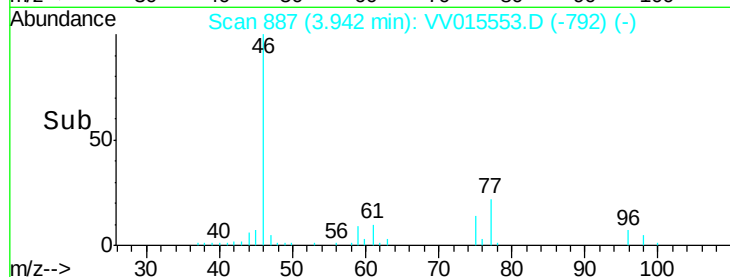
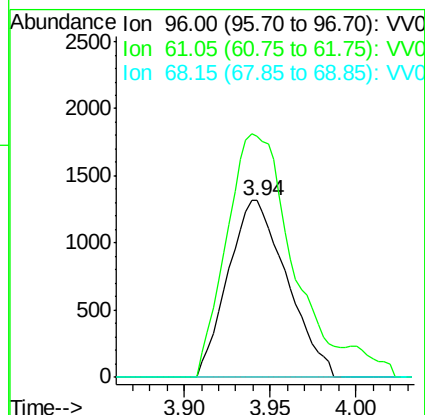
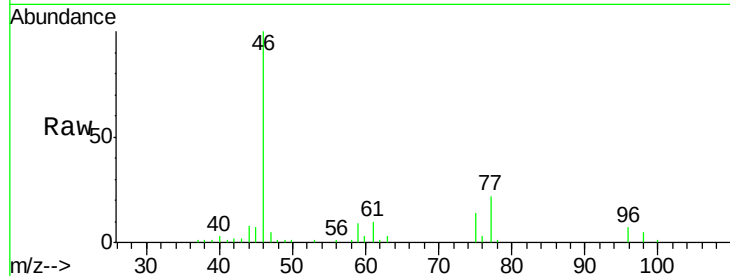


#22

cis-1,2-Dichloroethene
 Concen: 0.474 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015553.D
 Acq: 17 Apr 2020 14:27

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 BFRR5DL

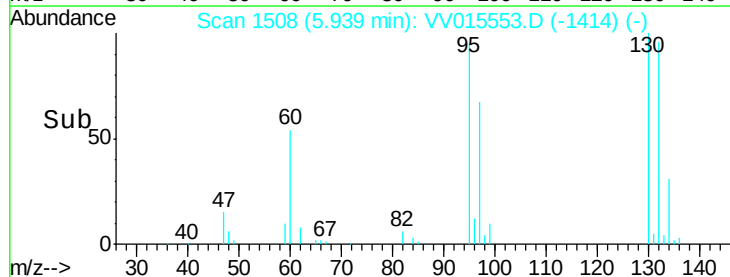
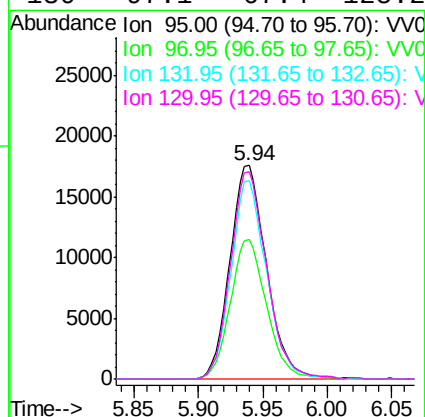
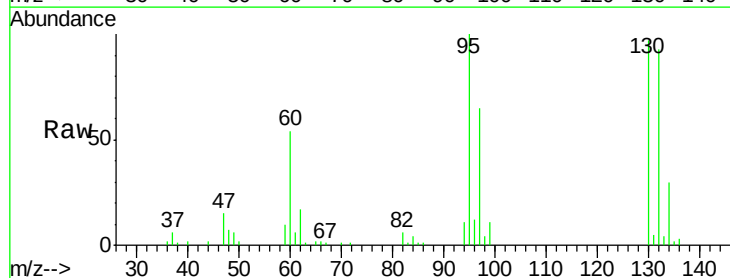
Tot Ion: 96 Resp: 3139
 Ion Ratio Lower Upper
 96 100
 61 136.3 100.0 185.8
 68 0.0 0.0 0.0

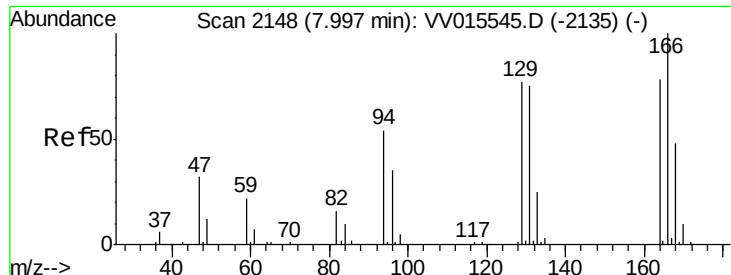


#34

Trichloroethene
 Concen: 5.022 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015553.D
 Acq: 17 Apr 2020 14:27

Tgt Ion: 95 Resp: 34578
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.4 84.4
 132 93.0 64.8 120.4
 130 97.1 67.4 125.2





#47

Tetrachloroethene

Concen: 7.792 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015553.D

Acq: 17 Apr 2020 14:27

Instrument :

MSVOA_V

ClientSampleId :

BFRR5DL

Tot Ion:164 Resp: 39748

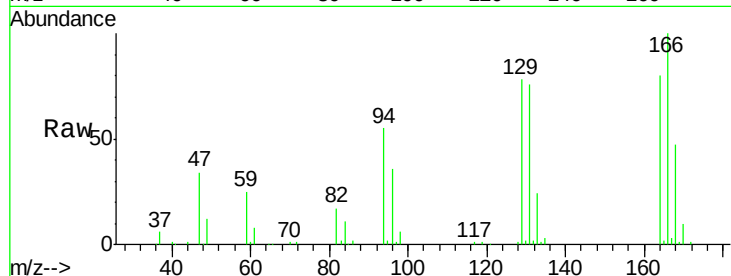
Ion Ratio Lower Upper

164 100

129 97.5 70.6 131.0

131 95.0 68.3 126.8

166 124.5 88.3 163.9



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

