

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016172.D
 Acq On : 22 May 2020 15:52
 Operator : SY/MD
 Sample : L2731-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX9

Quant Time: May 25 01:09:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	125533	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	123852	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	57884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40380	5.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.60%
7) Chloroethane-d5	1.58	69	36259	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.13	63	66733	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	3.97	46	65673	33.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.62%
24) Chloroform-d	4.38	84	75855	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.07	65	39835	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.08	84	153838	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.10	67	45757	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.34	98	141007	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
45) trans-1,3-Dichloropropene-	7.65	79	14353	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.12	63	55687	35.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.82%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26992	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	46520	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

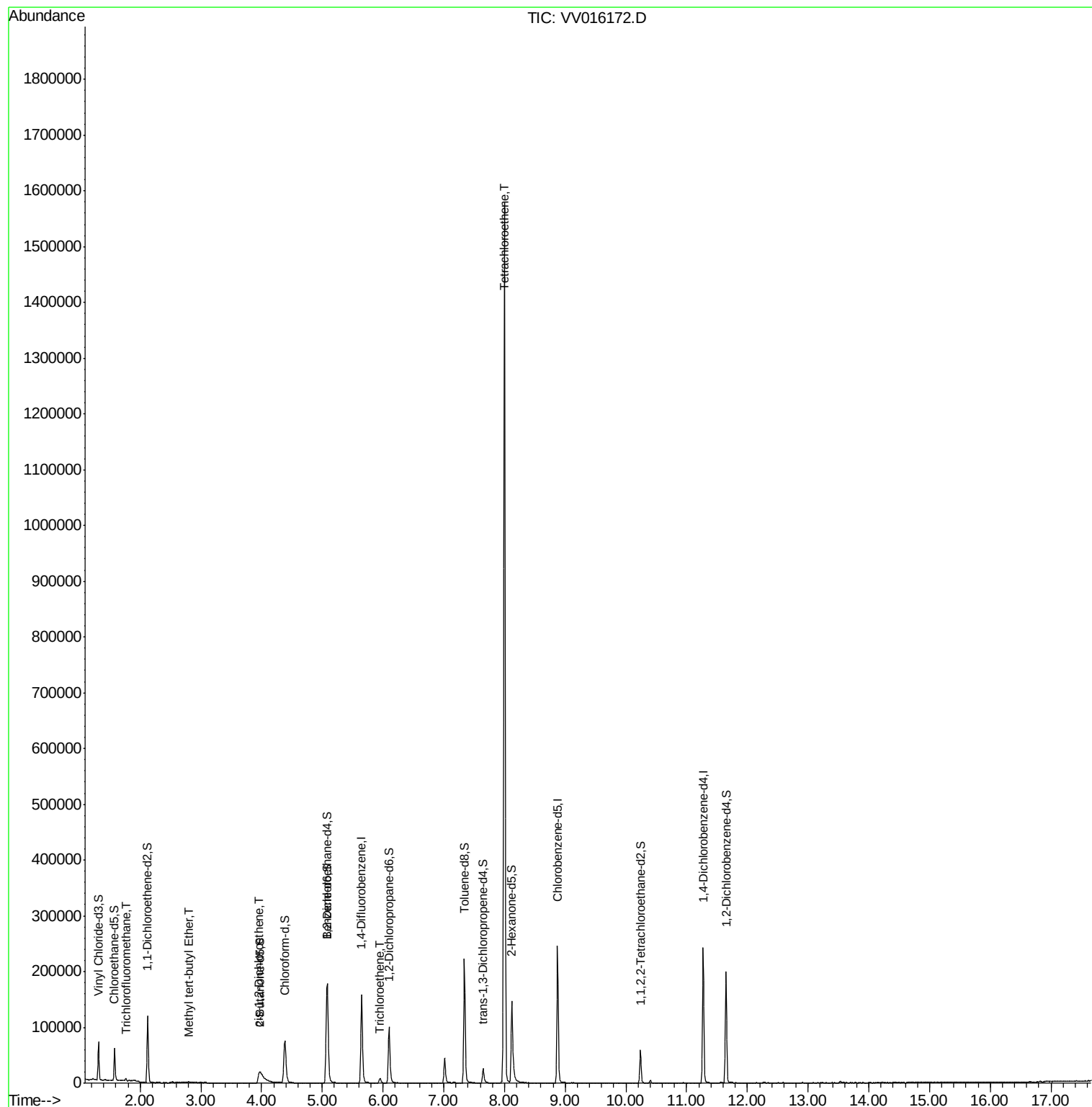
					Ovalue
9) Trichlorofluoromethane	1.77	101	2323	0.182 ug/L	93
17) Methyl tert-butyl Ether	2.80	73	1711	0.095 ug/L #	56
22) cis-1,2-Dichloroethene	3.95	96	3462	0.433 ug/L	97
34) Trichloroethene	5.95	95	2800	0.315 ug/L	89
49) Tetrachloroethene	8.00	164	324247	52.249 ug/L	100

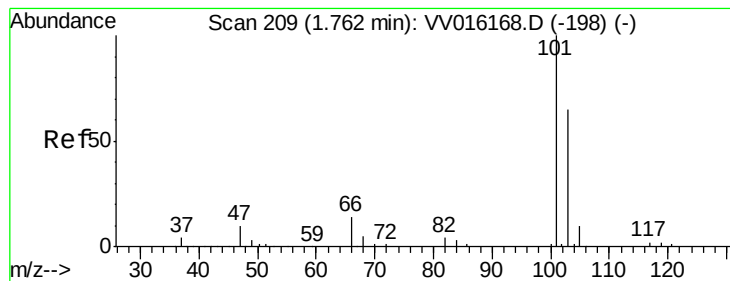
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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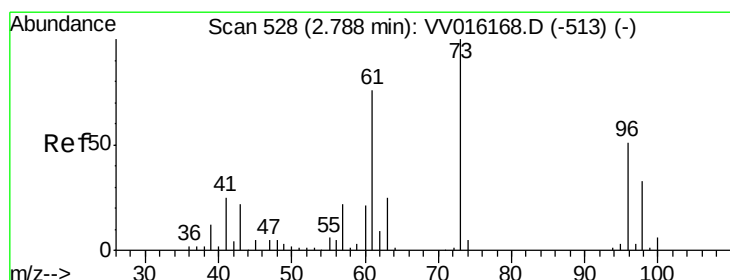
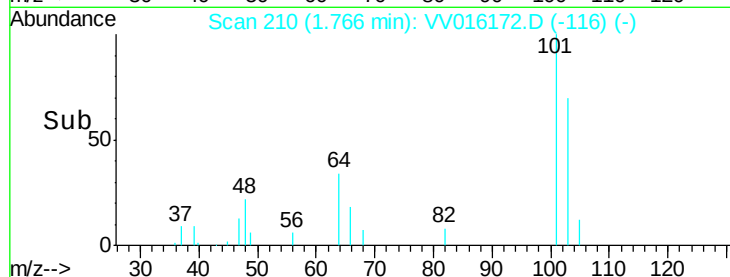
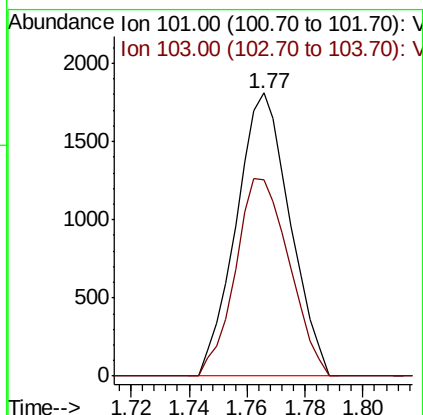
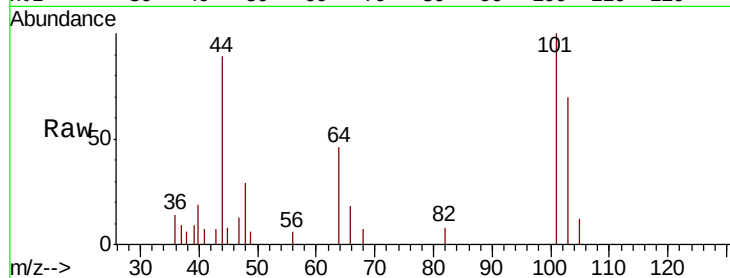


#9

Trichlorofluoromethane
Concen: 0.182 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Instrument :
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ClientSampleId :
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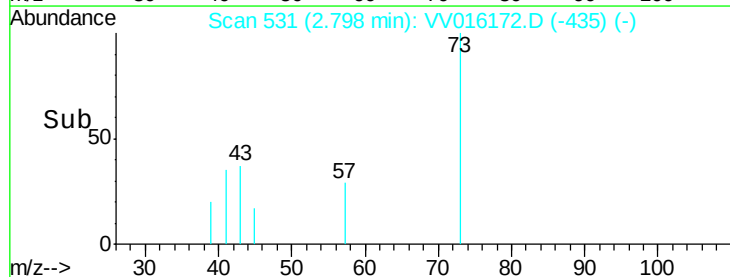
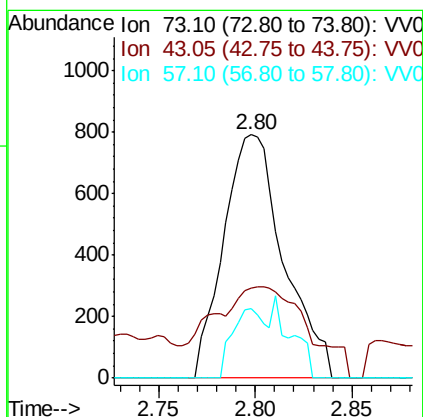
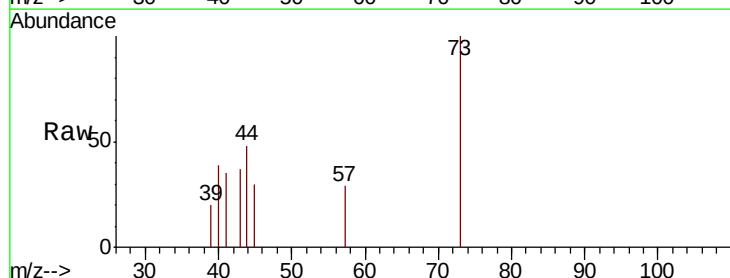
Tot Ion:101 Resp: 2323
Ion Ratio Lower Upper
101 100
103 70.1 51.4 77.2

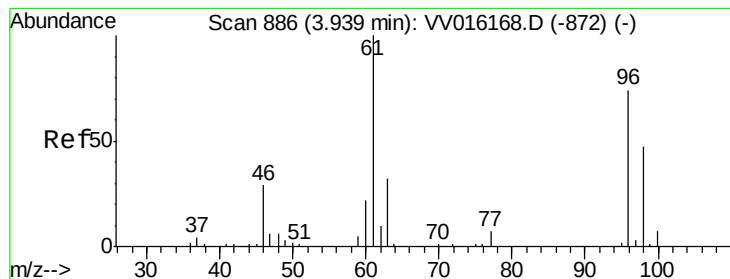


#17

Methyl tert-butyl Ether
Concen: 0.095 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.01 min
Lab File: VV016172.D
Acq: 22 May 2020 15:52

Tgt Ion: 73 Resp: 1711
Ion Ratio Lower Upper
73 100
43 59.3 18.8 28.2#
57 16.1 17.8 26.6#





#22

cis-1,2-Dichloroethene

Concen: 0.433 ug/L

RT: 3.95 min Scan# 890

Delta R.T. 0.01 min

Lab File: VV016172.D

Acq: 22 May 2020 15:52

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

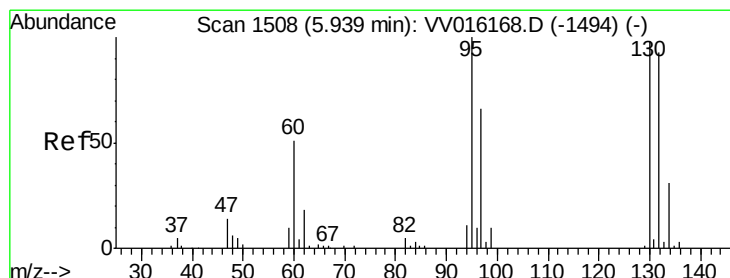
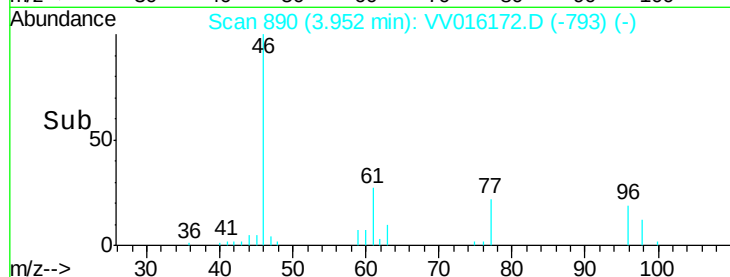
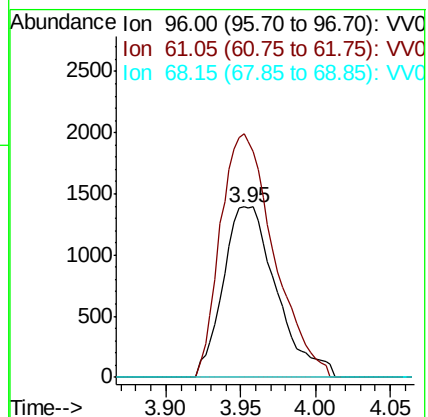
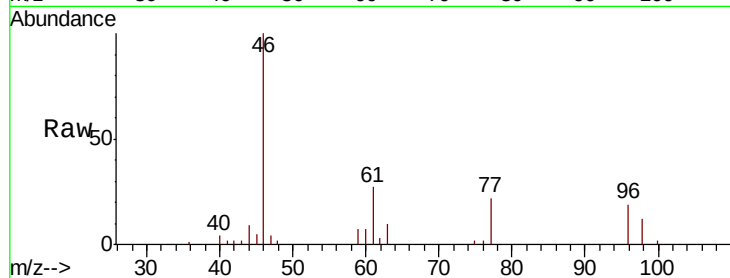
Tot Ion: 96 Resp: 3462

Ion Ratio Lower Upper

96 100

61 143.0 97.2 180.6

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 0.315 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV016172.D

Acq: 22 May 2020 15:52

Tgt Ion: 95 Resp: 2800

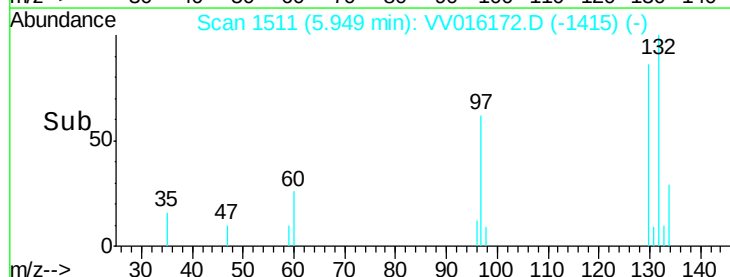
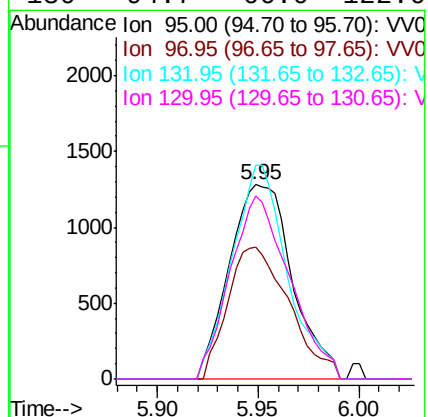
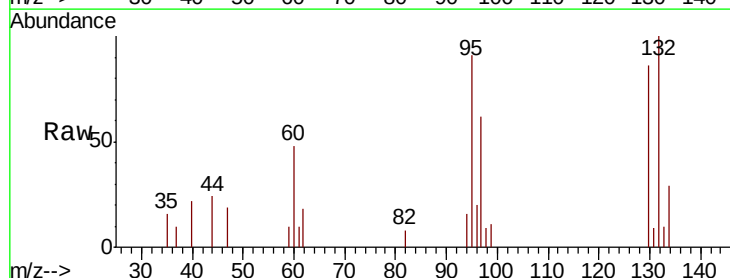
Ion Ratio Lower Upper

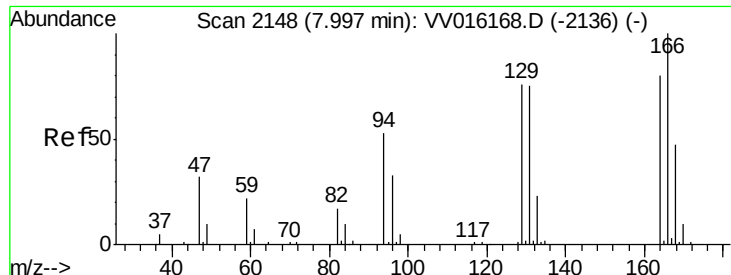
95 100

97 67.7 43.3 80.5

132 110.1 60.3 112.1

130 94.7 66.0 122.6





#49

Tetrachloroethene

Concen: 52.249 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016172.D

Acq: 22 May 2020 15:52

Instrument :

MSVOA_V

ClientSampleId :

C0AX9

Tot Ion:164 Resp: 324247

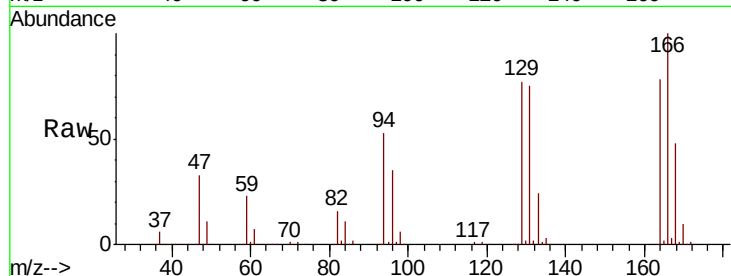
Ion Ratio Lower Upper

164 100

129 98.5 69.7 129.4

131 95.8 66.8 124.2

166 127.4 89.1 165.5



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

