

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016218.D
 Acq On : 27 May 2020 11:13
 Operator : SY/MD
 Sample : L2731-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX9

Quant Time: May 28 01:49:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	87297	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	83836	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26800	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	24634	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.13	63	38731	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.95	46	71344	51.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.60%
24) Chloroform-d	4.38	84	54746	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.06	65	30278	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.08	84	107378	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.10	67	32882	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.34	98	93846	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
45) trans-1,3-Dichloropropene-	7.65	79	11449	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
48) 2-Hexanone-d5	8.12	63	51981	47.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23185	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	33416	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

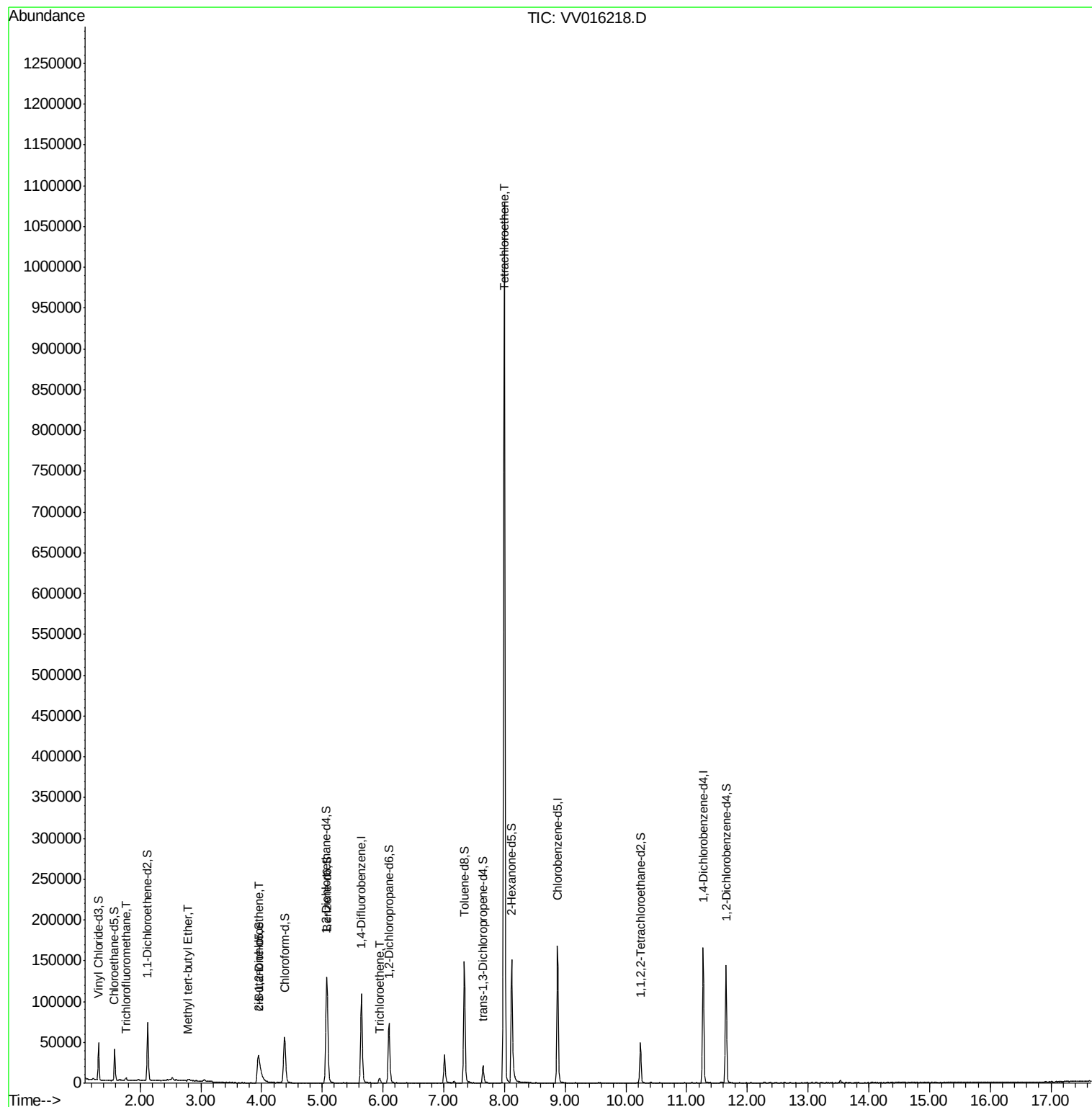
					Ovalue
9) Trichlorofluoromethane	1.77	101	1690	0.171 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	1691	0.133 ug/L #	55
22) cis-1,2-Dichloroethene	3.94	96	2954	0.443 ug/L	93
34) Trichloroethene	5.94	95	1966	0.313 ug/L	96
49) Tetrachloroethene	8.00	164	212618	47.121 ug/L	98

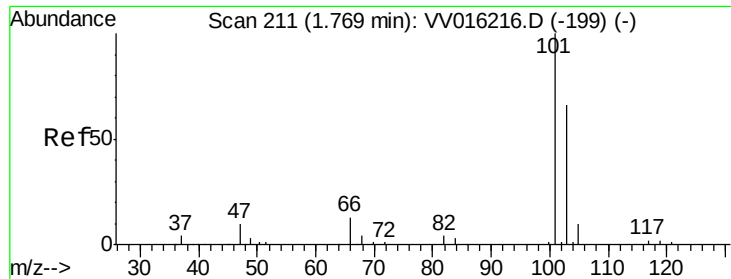
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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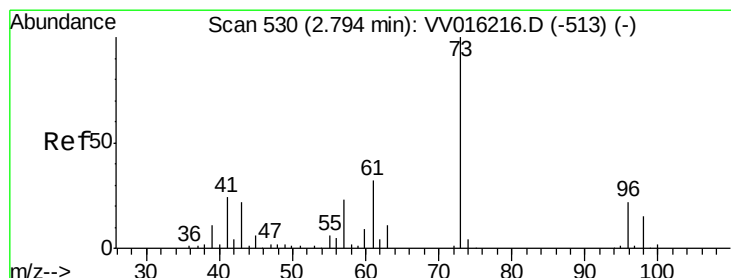
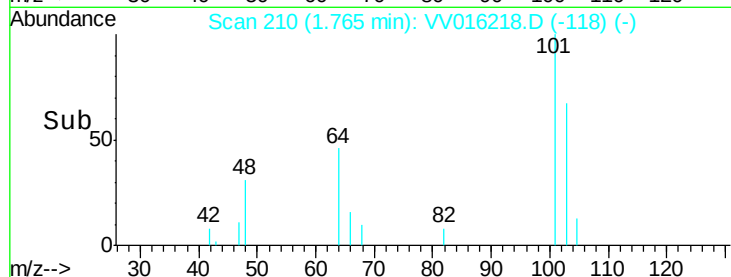
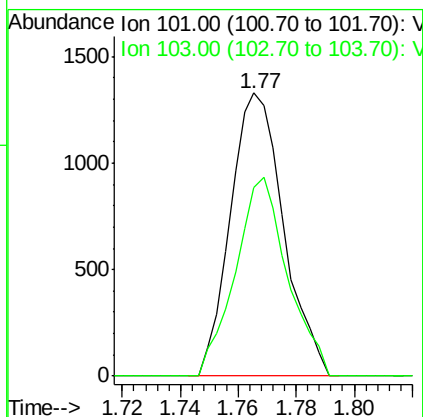
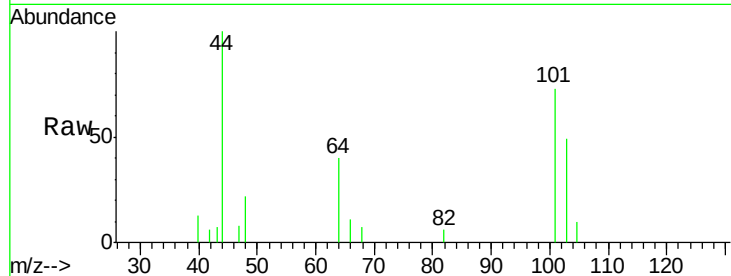


#9

Trichlorofluoromethane
 Concen: 0.171 ug/L
 RT: 1.77 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VV016218.D
 Acq: 27 May 2020 11:13

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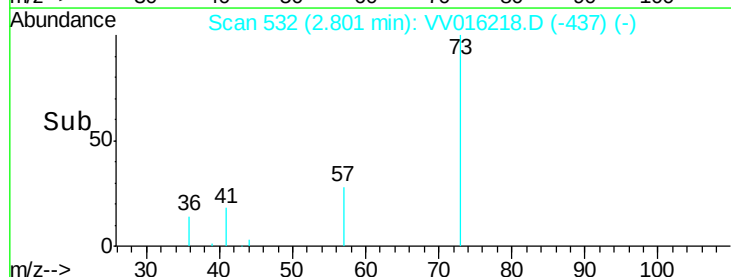
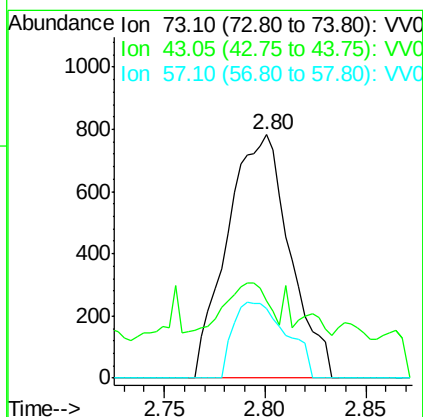
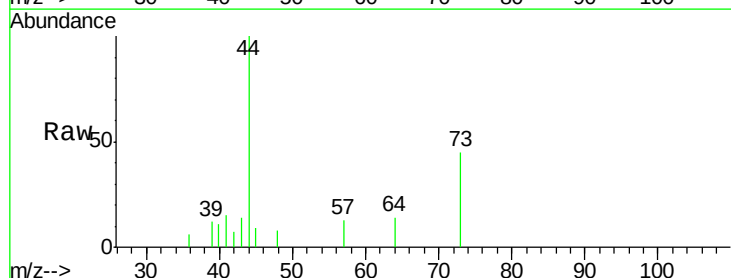
Tot Ion:101 Resp: 1690
 Ion Ratio Lower Upper
 101 100
 103 68.9 51.9 77.9

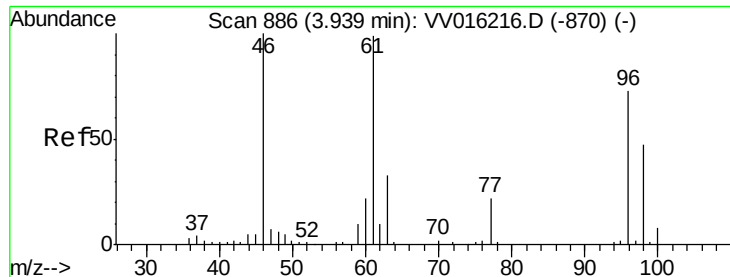


#17

Methyl tert-butyl Ether
 Concen: 0.133 ug/L
 RT: 2.80 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VV016218.D
 Acq: 27 May 2020 11:13

Tgt Ion: 73 Resp: 1691
 Ion Ratio Lower Upper
 73 100
 43 2.3 17.8 26.8#
 57 0.0 18.9 28.3#



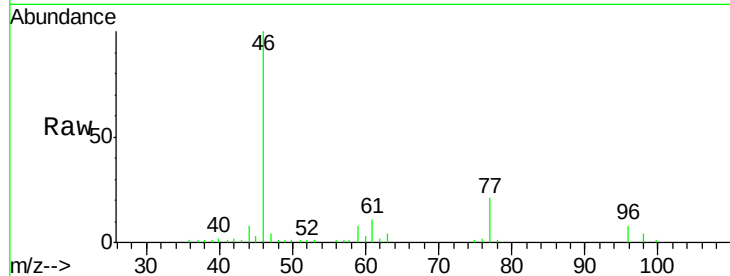


#22

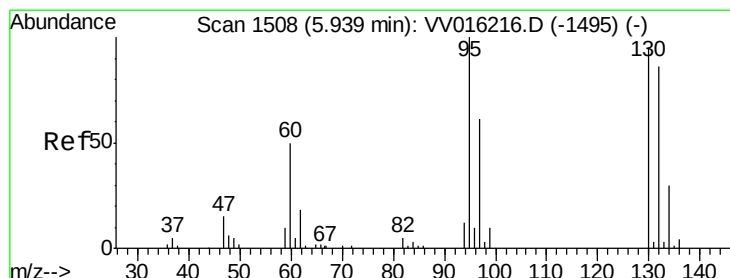
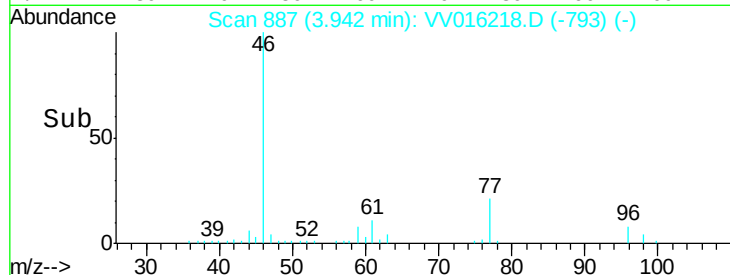
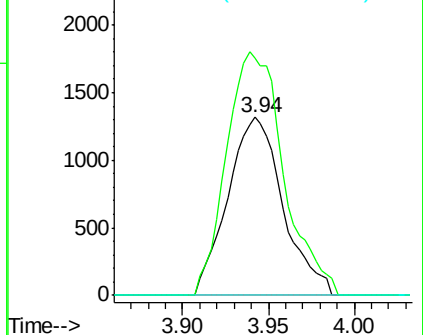
cis-1,2-Dichloroethene
Concen: 0.443 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.00 min
Lab File: VV016218.D
Acq: 27 May 2020 11:13

Instrument :
MSVOA_V
ClientSampleId :
C0AX9

Tot Ion: 96 Resp: 2954
Ion Ratio Lower Upper
96 100
61 133.6 99.7 185.1
68 0.0 0.0 0.0



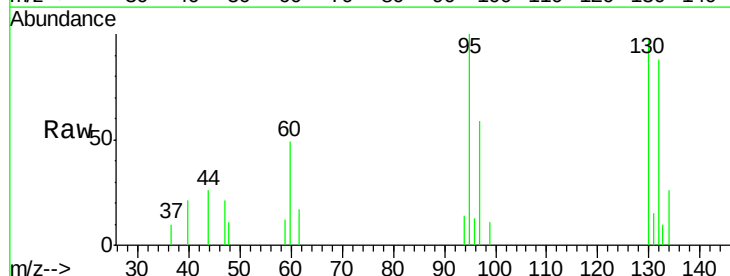
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



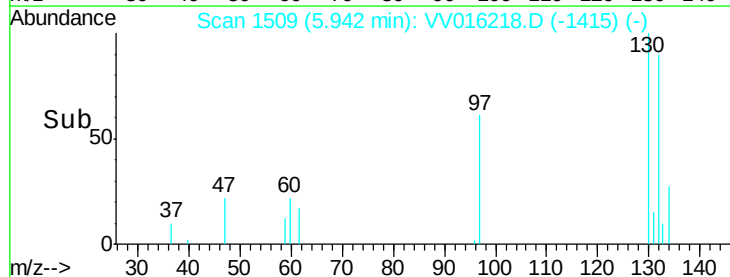
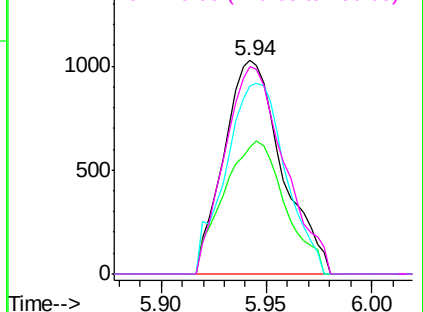
#34

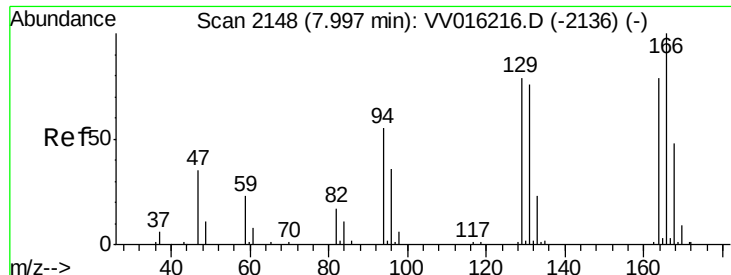
Trichloroethene
Concen: 0.313 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VV016218.D
Acq: 27 May 2020 11:13

Tgt Ion: 95 Resp: 1966
Ion Ratio Lower Upper
95 100
97 59.5 43.6 81.0
132 88.0 63.9 118.7
130 97.4 65.2 121.0



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): VV0
Ion 129.95 (129.65 to 130.65): VV0





#49

Tetrachloroethene

Concen: 47.121 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016218.D

Acq: 27 May 2020 11:13

Instrument :
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Tot Ion:164 Resp: 212618

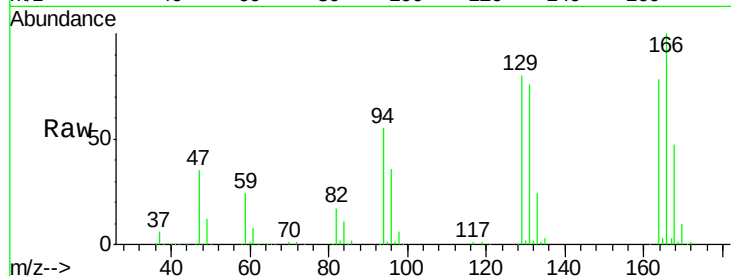
Ion Ratio Lower Upper

164 100

129 102.3 70.7 131.3

131 97.1 66.6 123.8

166 127.5 86.9 161.5



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

