

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021420\
 Data File : VU036799.D
 Acq On : 14 Feb 2020 20:14
 Operator : JC/MD
 Sample : L1537-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR4

Quant Time: Feb 15 01:12:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 14 23:39:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	118973	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	111287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40457	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.93	69	39257	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.59	63	55834	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.67	46	114311	53.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.56%
24) Chloroform-d	5.11	84	74598	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.74	65	42782	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.77	84	161835	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	53143	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.92	98	142994	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	17650	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.66	63	96320	50.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	40722	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	43621	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

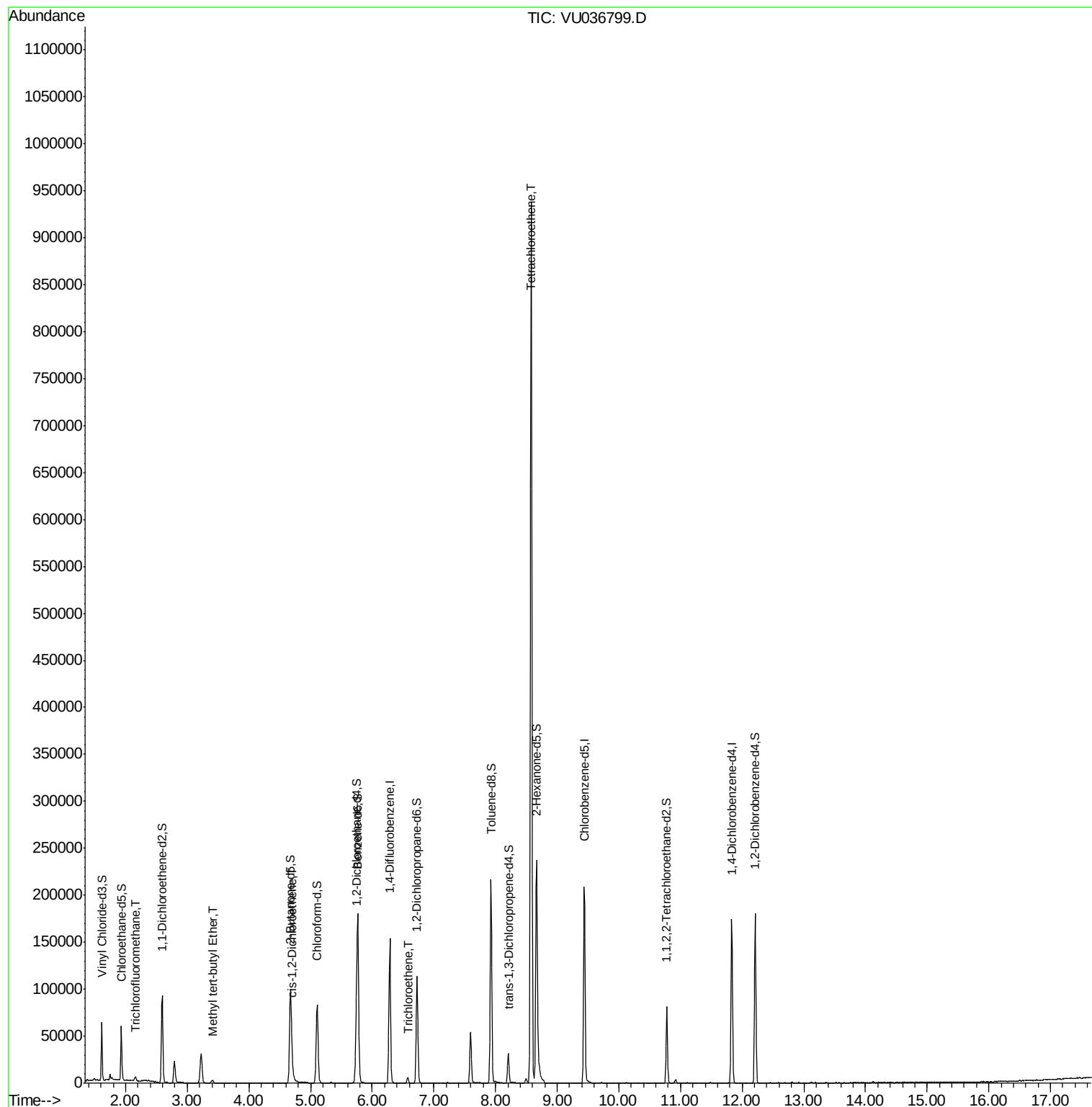
					Ovalue
9) Trichlorofluoromethane	2.16	101	2296	0.183 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	3088	0.144 ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	2366	0.262 ug/L	94
34) Trichloroethene	6.57	95	2199	0.252 ug/L	90
47) Tetrachloroethene	8.58	164	190786	32.080 ug/L	98

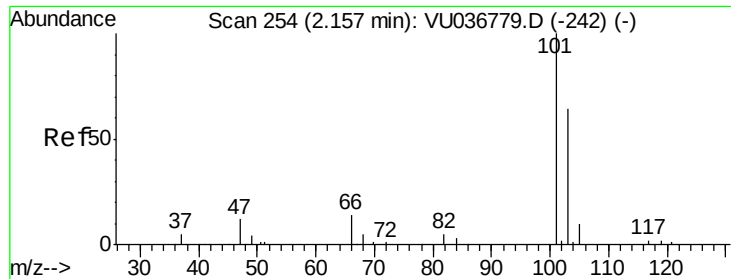
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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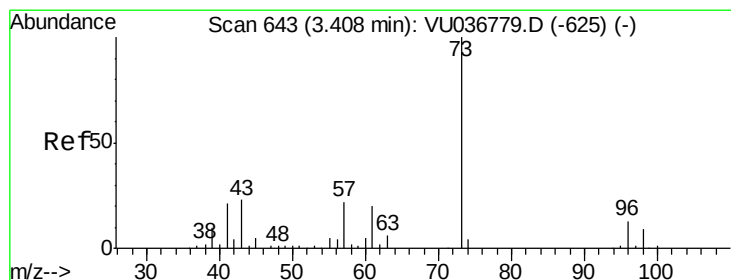
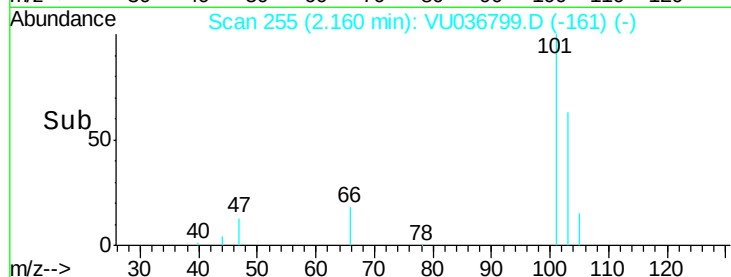
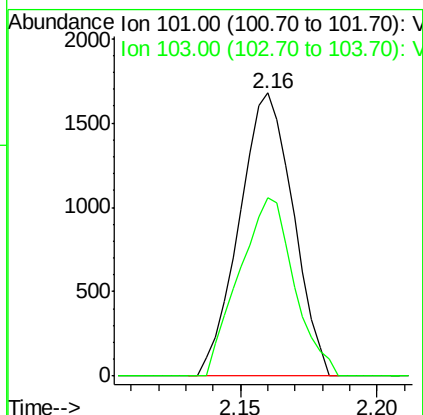
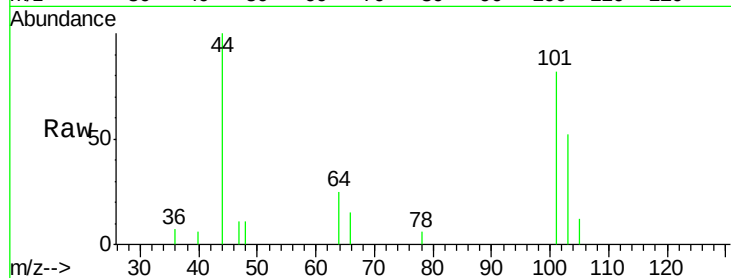


#9

Trichlorofluoromethane
 Concen: 0.183 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036799.D
 Acq: 14 Feb 2020 20:14

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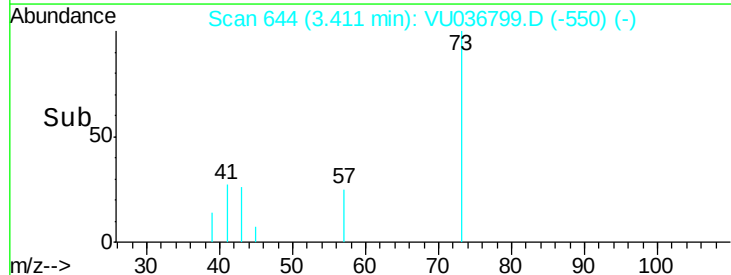
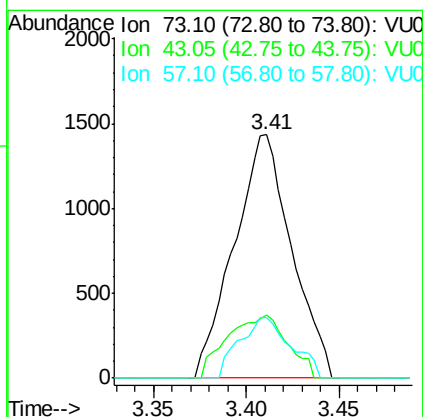
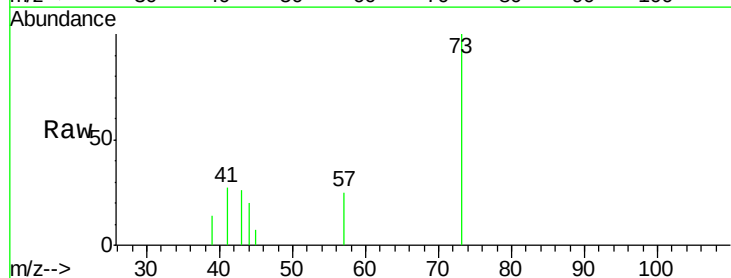
Tot Ion:101 Resp: 2296
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.0 76.6

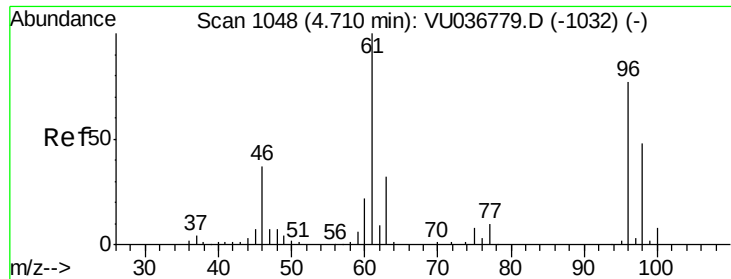


#17

Methyl tert-butyl Ether
 Concen: 0.144 ug/L
 RT: 3.41 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: VU036799.D
 Acq: 14 Feb 2020 20:14

Tgt Ion: 73 Resp: 3088
 Ion Ratio Lower Upper
 73 100
 43 27.0 18.7 28.1
 57 22.3 17.9 26.9





#22

cis-1,2-Dichloroethene

Concen: 0.262 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU036799.D

Acq: 14 Feb 2020 20:14

Instrument :

MSVOA_U

ClientSampleId :

C0AR4

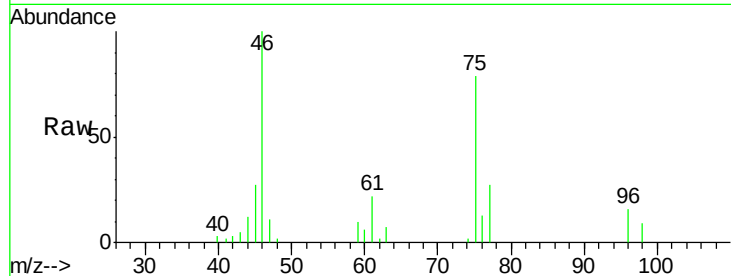
Tot Ion: 96 Resp: 2366

Ion Ratio Lower Upper

96 100

61 137.7 91.2 169.4

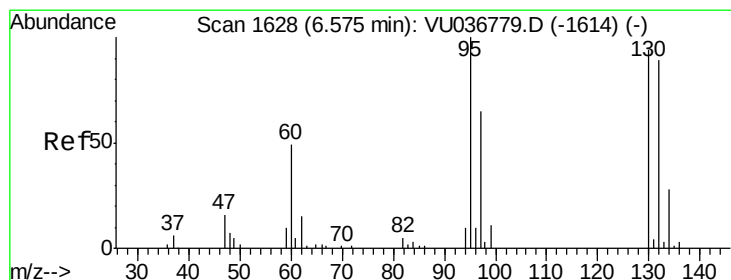
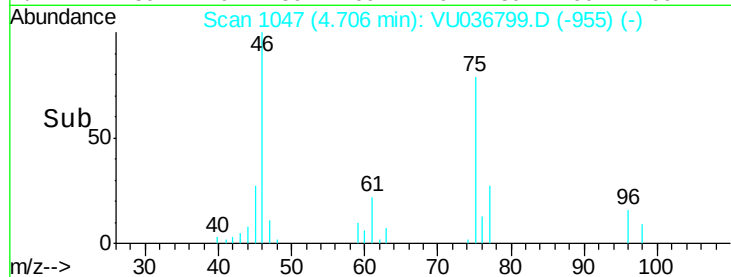
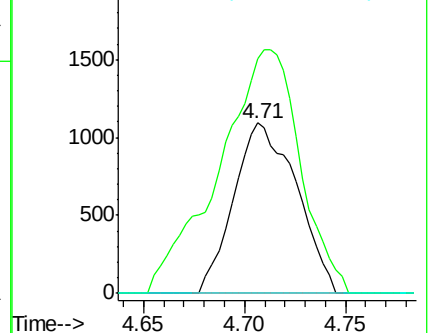
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036779.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU036779.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU036779.D (-1032) (-)



#34

Trichloroethene

Concen: 0.252 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036799.D

Acq: 14 Feb 2020 20:14

Tgt Ion: 95 Resp: 2199

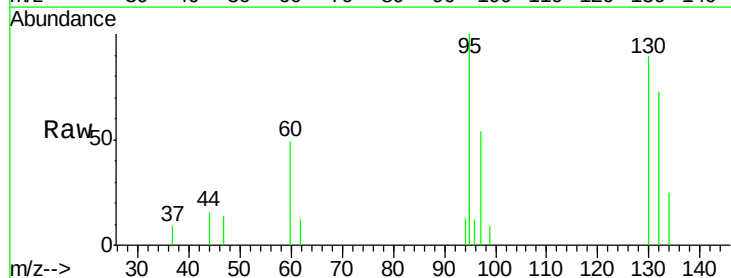
Ion Ratio Lower Upper

95 100

97 54.1 45.6 84.8

132 73.5 62.8 116.6

130 90.3 63.8 118.4

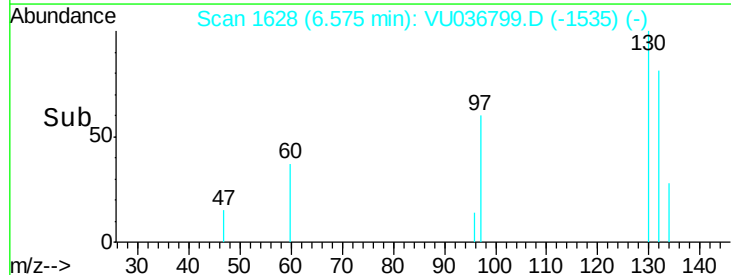
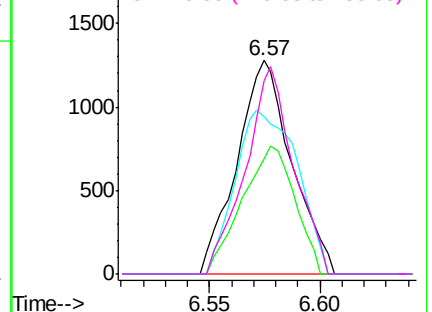


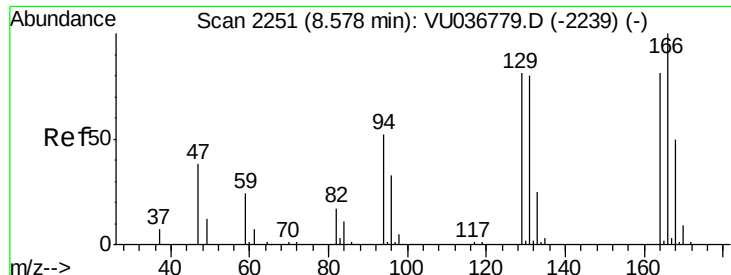
Abundance Ion 95.00 (94.70 to 95.70): VU036779.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU036779.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU036779.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU036779.D (-1614) (-)





#47

Tetrachloroethene

Concen: 32.080 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

Lab File: VU036799.D

Acq: 14 Feb 2020 20:14

Instrument :
MSVOA_U
ClientSampleId :
C0AR4

Tot Ion:164 Resp: 190786

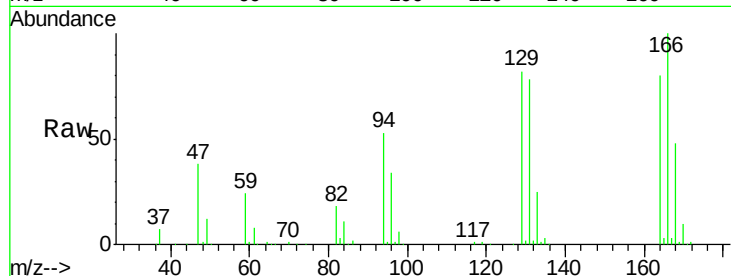
Ion Ratio Lower Upper

164 100

129 101.5 68.0 126.4

131 96.8 69.4 128.8

166 124.3 86.6 160.8



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

