

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022820\
 Data File : VU036976.D
 Acq On : 28 Feb 2020 16:38
 Operator : JC/MD
 Sample : L1730-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XW1

Quant Time: Feb 29 03:25:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 29 00:30:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252404	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	238647	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	88992	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85565	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.74%
7) Chloroethane-d5	1.93	69	79187	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.59	63	113409	31.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.90%
21) 2-Butanone-d5	4.67	46	149375	105.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	5.11	84	152407	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
26) 1,2-Dichloroethane-d4	5.74	65	106679	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.76	84	333345	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.72	67	111086	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.36%
41) Toluene-d8	7.92	98	303794	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%
43) trans-1,3-Dichloropropene-	8.20	79	47593	45.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.60%
47) 2-Hexanone-d5	8.66	63	110169	100.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.77%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	150432	47.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.44%
64) 1,2-Dichlorobenzene-d4	12.21	152	92207	53.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

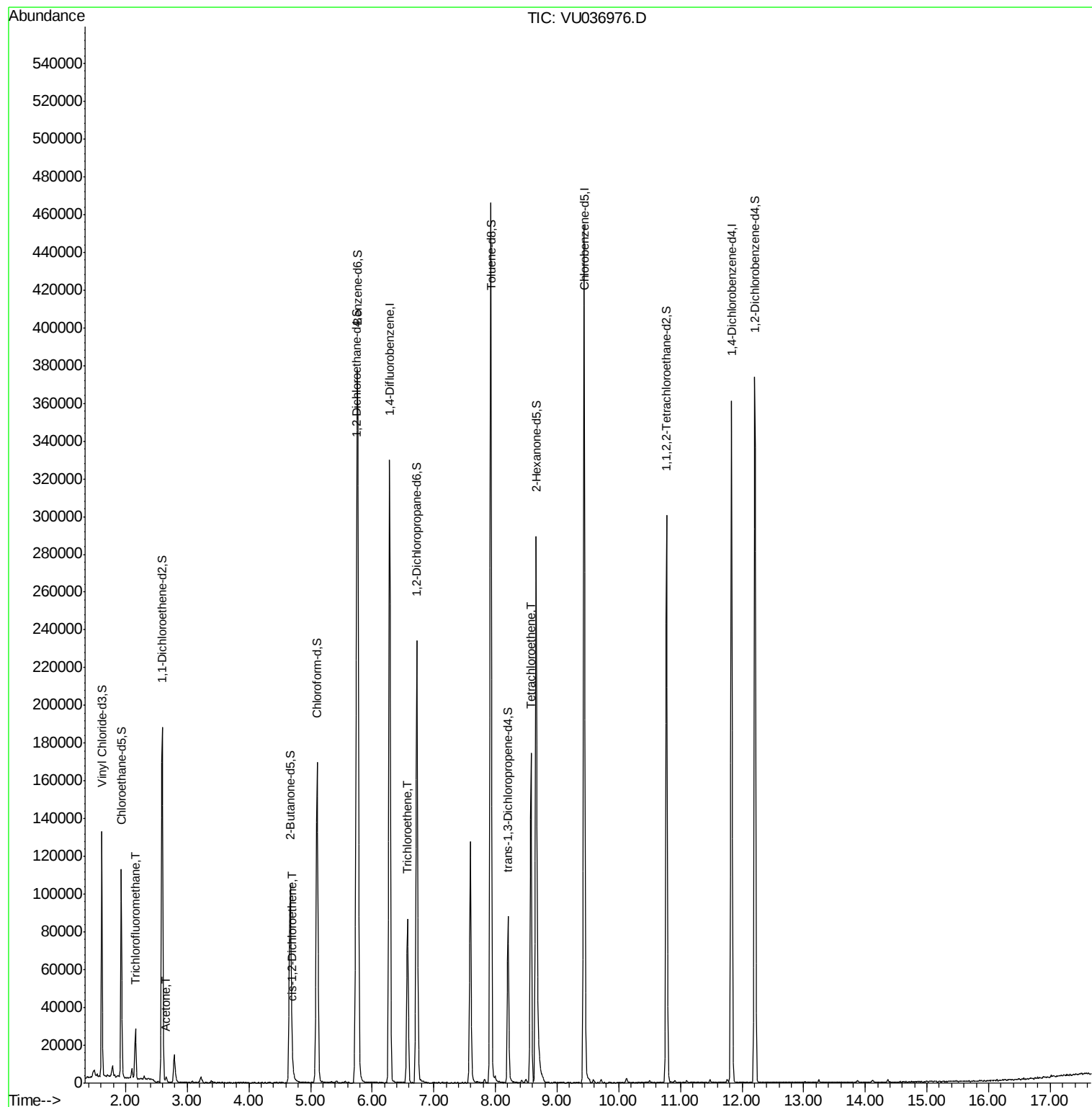
					Ovalue
9) Trichlorofluoromethane	2.16	101	16009	5.941 ug/L	98
13) Acetone	2.66	43	3088	2.112 ug/L	94
20) cis-1,2-Dichloroethene	4.71	96	2670	1.363 ug/L	84
34) Trichloroethene	6.57	95	28597	15.433 ug/L	99
46) Tetrachloroethene	8.57	164	34927	28.612 ug/L	97

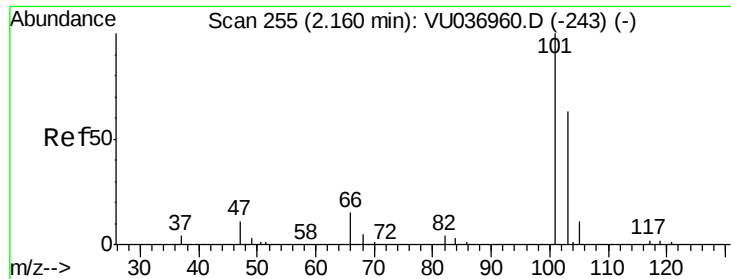
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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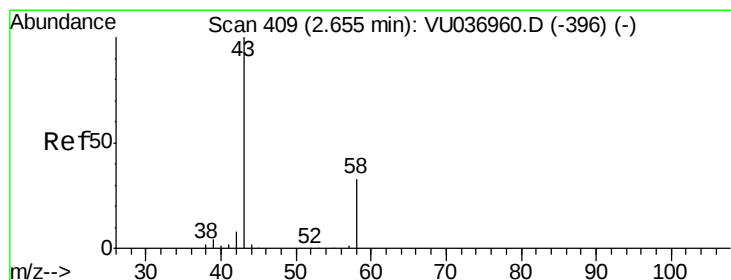
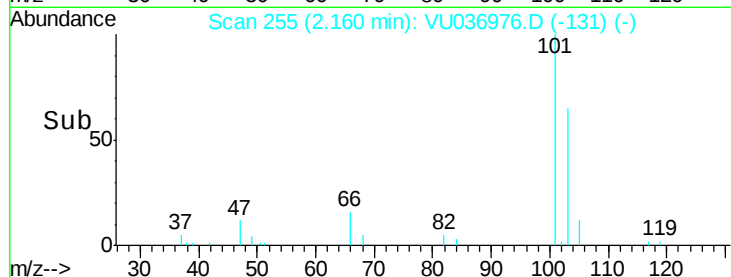
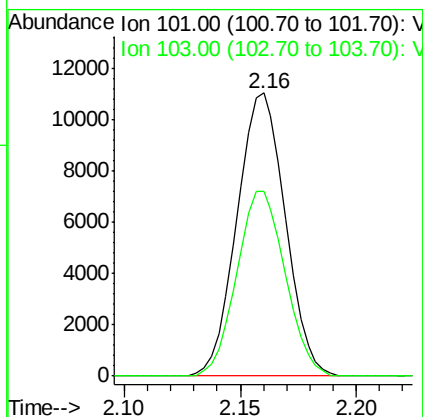
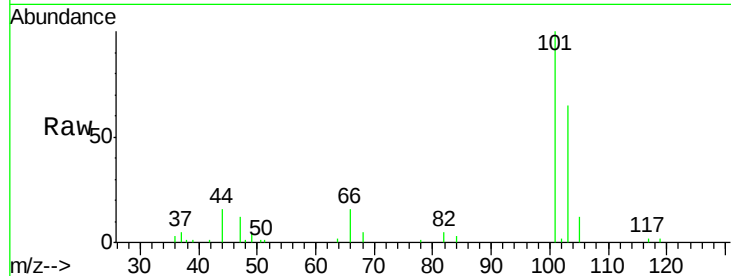


#9

Trichlorofluoromethane
 Concen: 5.941 ug/L
 RT: 2.16 min Scan# 255
 Delta R.T. 0.00 min
 Lab File: VU036976.D
 Acq: 28 Feb 2020 16:38

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 ClientSampleId :
 C0XW1

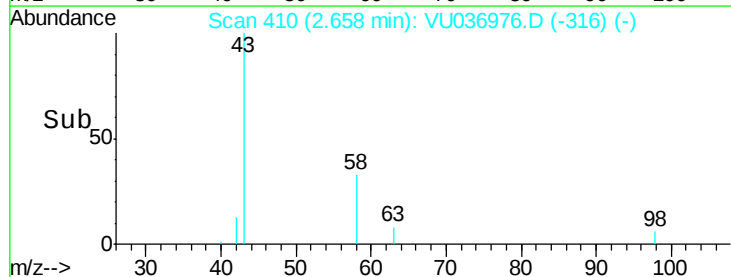
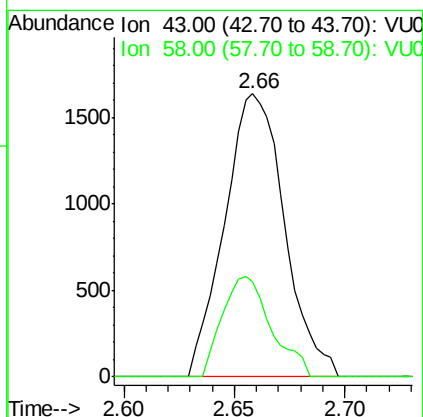
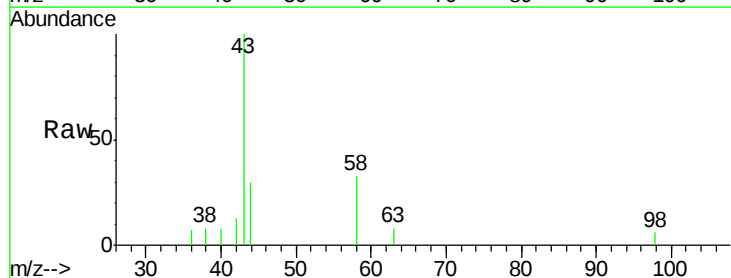
Tot Ion:101 Resp: 16009
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.9 76.3

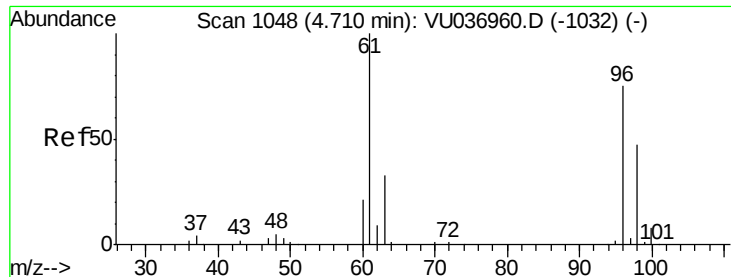


#13

Acetone
 Concen: 2.112 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU036976.D
 Acq: 28 Feb 2020 16:38

Tgt Ion: 43 Resp: 3088
 Ion Ratio Lower Upper
 43 100
 58 29.0 0.0 64.6

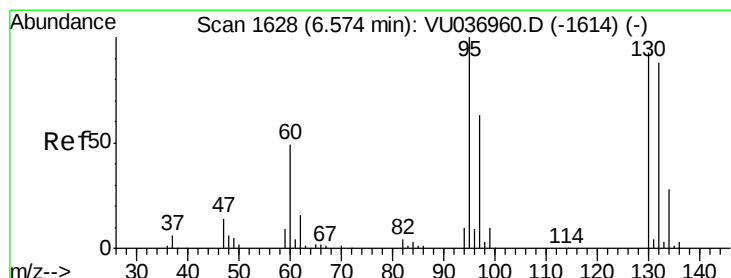
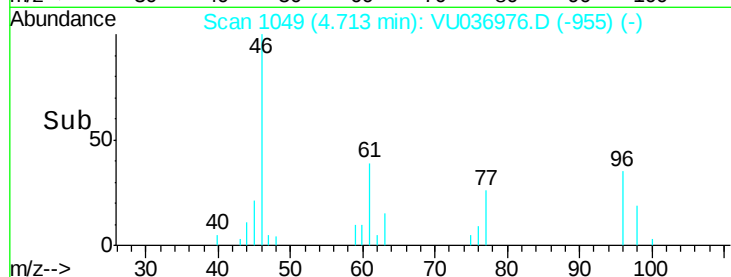
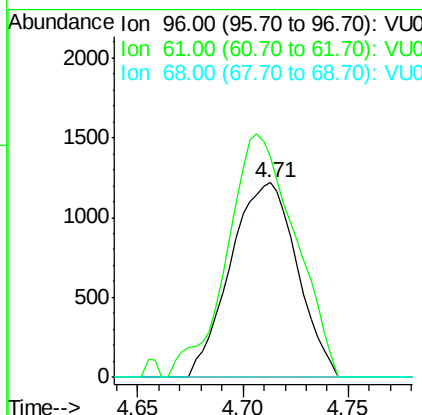
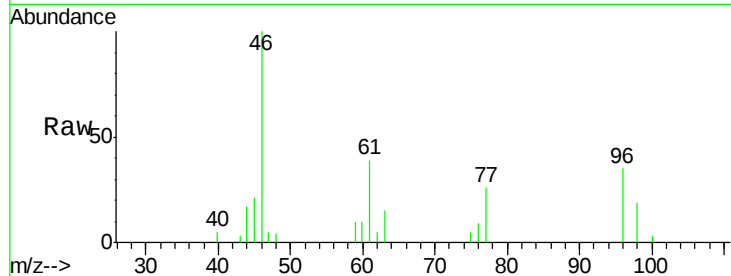




#20
 cis-1,2-Dichloroethene
 Concen: 1.363 ug/L
 RT: 4.71 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VU036976.D
 Acq: 28 Feb 2020 16:38

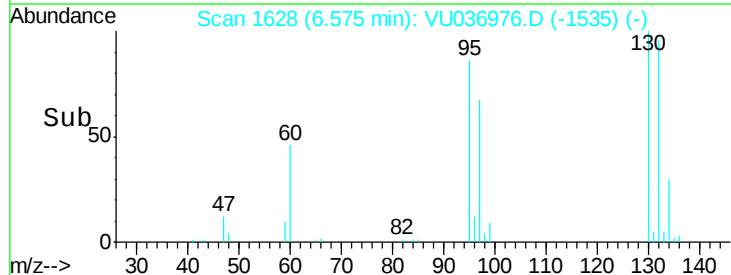
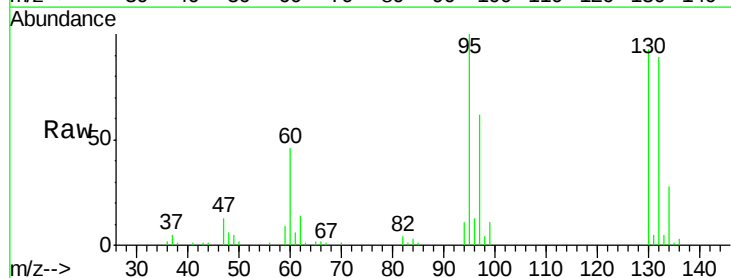
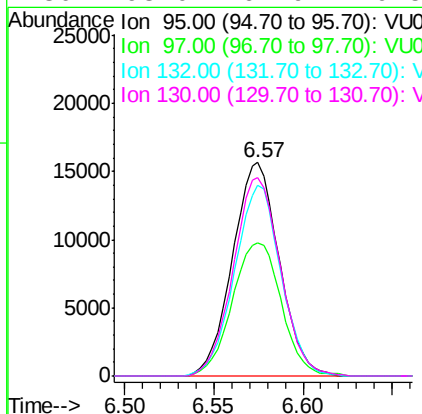
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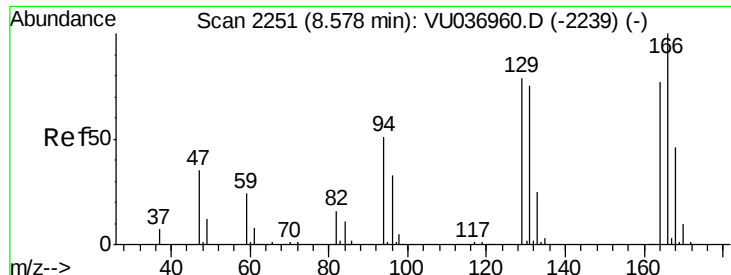
Tot Ion: 96 Resp: 2670
 Ion Ratio Lower Upper
 96 100
 61 113.6 93.1 172.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 15.433 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU036976.D
 Acq: 28 Feb 2020 16:38

Tgt Ion: 95 Resp: 28597
 Ion Ratio Lower Upper
 95 100
 97 62.4 44.1 81.9
 132 89.4 60.6 112.6
 130 93.0 64.9 120.5





#46

Tetrachloroethene

Concen: 28.612 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. -0.00 min

Lab File: VU036976.D

Acq: 28 Feb 2020 16:38

Instrument :

MSVOA_U

ClientSampleId :

C0XW1

Tot Ion:164 Resp: 34927

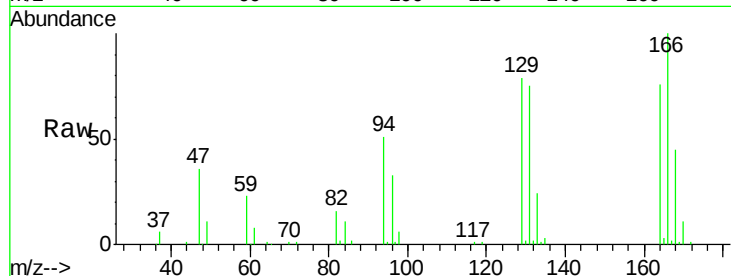
Ion Ratio Lower Upper

164 100

129 104.0 72.0 133.8

131 98.0 67.9 126.1

166 131.5 87.1 161.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

